

PARAGRAPHS GENERATED FOR THIS ASSEMBLY

4010	52011 0	40030 0	64731 0	14085 1	52011 0	34055 0	56008 1	13416 0
4020	52011 0	34083 0	56008 1	12000 1	52011 0	34056 0	56008 1	13613 1
4030	52011 0	34057 1	56008 1	12103 0	52011 0	34056 0	56008 1	13638 0
4040	52011 0	34080 0	56008 1	13342 0	52011 0	34061 1	56008 1	12476 1
4050	52011 0	34082 1	56008 1	15225 0	C' 12063 1	C' 02083 0	C' 18080 0	C' 16087 1
4060	C' 12060 1	C' 56087 0	C' 04080 0	C' 14082 0	C' 04060 0	00008 1	65228 1	00008 1
4070	31313 1	52008 0	C' 04025 1	C' 10003 0	C' 14031 0	C' 20033 0	C' 24017 1	C' 30036 1
4100	C' 34034 1	C' 40023 1	C' 44035 1	C' 50037 0	C' 54000 0	C' 60000 1	05301 0	C' 00014 1
4110	04574 0	C' 10000 0	C' 00024 1	C' 00031 0	00004 0	54001 1	50002 0	30000 1
4120	24002 0	60000 1	54081 1	10001 1	14133 0	14133 0	24000 1	54001 1
4130	40025 1	50081 0	55051 0	40001 1	50061 0	52751 0	00003 1	00002 0
4140	34160 1	71022 1	00008 1	14145 1	04146 0	31020 1	54023 1	30023 0
4150	04555 0	C' 62338 0	34714 1	55013 0	31022 0	04271 1	04157 0	05112 0
4160	C' 37600 0	04400 1	41041 1	55013 0	04555 0	C' 62338 0	04574 0	C' 62002 1
4170	22007 0	54123 0	34875 1	71021 1	61012 0	10000 0	00002 0	34712 1
4200	60002 0	55037 0	23022 0	04220 0	34215 0	56008 1	00008 1	04007 1
4210	55040 0	34215 0	00008 1	01007 1	02000 0	C' 62101 0	53040 0	05122 0
4220	34674 0	55021 1	00002 0	22002 0	04234 0	04240 0	30001 0	74747 0
4230	60004 0	55042 1	05070 0	05112 0	11042 1	04243 0	00002 0	04243 0
4240	11043 0	04243 0	00002 0	05622 1	C' 01206 1	34215 0	00008 1	01007 1
4250	34256 1	55013 0	44374 1	54777 1	04574 0	C' 61351 1	C' 00042 1	34215 0
4260	00008 1	01007 1	34270 0	55013 0	44374 1	54777 1	04574 0	C' 61343 1
4270	C' 00041 1	74716 1	54123 0	34875 1	71021 1	61012 0	10000 0	00002 0
4300	24002 0	10123 0	14304 0	00002 0	22002 0	34316 1	56008 1	00008 1
4310	04007 1	52131 0	34215 0	00008 1	01007 1	03406 0	C' 60101 1	55017 1
4320	54003 0	74373 0	64744 1	54145 0	00002 0	31017 0	14320 0	54003 0
4330	74373 0	64744 1	00002 0	C' 00016 0	C' 00011 1	C' 00004 0	54020 1	40020 1
4340	40020 1	40020 1	40020 1	56020 0	00002 0	54022 0	40022 0	40022 0
4350	40022 0	40022 0	56022 1	00002 0	60000 1	60000 1	60000 1	60000 1
4360	60000 1	00002 0	C' 00037 0	C' 01740 0	C' 76000 0	05027 1	05140 1	05213 1
4370	05042 1	C' 30000 1	C' 03777 0	C' 00377 1	C' 00023 0	C' 00021 1	C' 00025 0	C' 00012 1



OCTAL LISTING FOR PARAGRAPH J 011, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'a' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A/a (INTERPRETIVE OPERATOR WORDS) OR a/C (CONSTANTS)

4400	34704 0	00008 1	05011 1	00002 0	44704 1	00006 1	03011 1	00002 0
4410	34706 1	00006 1	05011 1	00002 0	00006 1	30025 0	52014 0	00002 0
4420	00006 1	30156 0	20156 1	60154 1	28154 0	54007 1	00002 0	54162 0
4430	00002 0	54135 1	10000 0	30135 0	17257 1	14433 0	44714 0	54154 0
4440	54155 1	54156 1	00002 0	34705 1	00006 1	05011 1	00002 0	44705 0
4450	00006 1	03011 1	00002 0	44460 0	60002 0	60004 0	04574 0	C' 10550 0
4460	C' 02003 0	22007 0	54123 0	34675 1	71021 1	61012 0	10000 0	14471 0
4470	14200 0	24002 0	14453 0	56002 0	54144 1	44675 0	00004 0	71021 1
4500	55021 1	11043 0	04504 1	04507 1	34714 1	57043 1	05074 1	00003 1
4510	44706 0	00008 1	03011 1	34714 1	55012 1	00144 0	56002 0	54144 1
4520	11043 0	04523 1	04507 1	34714 1	55012 1	00144 0	00004 0	00008 1
4530	00004 0	54001 1	00006 1	06004 0	00006 1	14541 1	00006 1	00004 0
4540	54001 1	44672 1	60001 0	00008 1	14527 1	00006 1	00003 1	00002 0
4550	00008 1	34554 1	15122 1	C' 02837 1	C' 66107 1	52134 0	50002 0	30000 1
4560	24002 0	54001 1	22004 0	74747 0	56002 0	52134 0	50002 0	02000 0
4570	56134 1	56004 0	56134 1	00133 0	56002 0	50000 1	30000 1	54004 1
4600	74747 0	56002 0	50002 0	12000 1	34747 1	70133 1	60134 1	00002 0
4610	54135 1	56004 0	00006 1	04007 1	56135 0	74747 0	56001 0	00004 0
4620	00006 1	01007 1	50001 0	32000 0	56135 0	00006 1	01007 1	00003 1
4630	54004 1	30135 0	00002 0	52073 1	50002 0	30000 1	24002 0	54001 1
4640	22004 0	74747 0	56002 0	52073 1	50002 0	02000 0	56073 0	56004 0
4650	56073 0	00072 1	54164 0	34703 1	54023 1	30006 1	54165 1	50002 0
4660	30000 1	54004 1	74747 0	56002 0	56164 1	14802 0	00006 1	01007 1
4670	00002 0	C' 37777 1	C' 37777 1	C' 57777 1	C' 40000 0	C' 20000 0	C' 10000 0	C' 04000 0
4700	C' 02000 0	C' 01000 0	C' 00400 0	C' 00200 0	C' 00100 0	C' 00040 0	C' 00020 0	C' 00010 0
4710	C' 00004 0	C' 00002 0	C' 00001 0	C' 77777 0	C' 00000 1	C' 00005 1	C' 00007 0	C' 00013 0
4720	C' 00015 0	C' 00017 1	C' 00030 1	C' 00032 0	C' 00045 0	C' 00046 0	C' 00050 1	C' 00055 1
4730	C' 00060 1	C' 00062 0	C' 00120 1	C' 00140 1	C' 00144 0	C' 00310 0	C' 00401 1	C' 00454 1
4740	C' 00620 0	C' 00777 0	C' 01124 1	C' 01211 1	C' 01400 1	C' 01426 0	C' 01776 0	C' 01777 1
4750	C' 02177 1	C' 02400 1	C' 03000 1	C' 03400 0	C' 05000 1	C' 06000 1	C' 07000 0	C' 11000 1
4760	C' 13000 0	C' 14000 1	C' 15000 0	C' 16000 0	C' 17000 1	C' 17770 1	C' 21000 1	64675 1
4770	55075 0	14773 1	41075 0	60000 1	55075 0	15006 0	57075 1	51075 1



OCIAL LISTING FOR PARAGRAPH J 012, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR AOA (CONSTANTS)

5000	64673 1	40000 0	61075 1	55075 0	15006 0	15024 0	00006 1	71075 0
5010	55076 0	00006 1	74742 0	67706 1	00006 1	71076 0	67666 0	00006 1
5020	71075 0	20001 1	55075 0	00002 0	50000 1	44673 0	00002 0	00004 0
5030	65121 0	54063 0	00006 1	50002 0	30001 0	52066 0	35120 1	56004 0
5040	54061 1	12650 1	00004 0	54063 0	00006 1	50002 0	30001 0	52066 0
5050	35120 1	56004 0	12626 0	56002 0	67715 0	56002 0	15047 0	22002 0
5060	35120 1	56006 1	12727 0	40164 0	54001 1	35120 1	54006 0	12726 1
5070	54164 0	35120 1	54004 1	13017 0	00004 0	54065 0	44711 0	26002 1
5100	35120 1	56004 0	13044 0	00004 0	54063 0	35120 1	56006 1	54165 1
5110	30002 0	13113 0	35120 1	54004 1	13124 1	30061 0	54004 1	16710 0
5120	C' 02626 1	C' 00110 1	56001 0	00006 1	01007 1	54006 0	00001 0	C' 77677 1
5130	00004 0	54001 1	34672 0	26002 1	30006 1	00006 1	04007 1	56001 0
5140	00004 0	56002 0	54061 1	00006 1	50061 0	30001 0	54063 0	35155 0
5150	56006 1	13246 0	52062 1	64711 1	52006 0	C' 02063 0	50002 0	30000 1
5160	24002 0	56002 0	54063 0	30006 1	00006 1	04007 1	54001 1	35172 0
5170	54061 1	15147 1	15211 1	C' 72602 0	C' 73714 1	10076 1	15213 0	15213 0
5200	15201 0	11322 1	15213 0	15206 1	15213 0	15213 0	37672 0	05027 1
5210	C' 03542 1	C' 14063 1	15213 0	10734 0	35155 0	54006 0	13423 0	30016 0
5220	00006 1	01007 1	00006 1	22012 1	30018 0	56006 1	52011 0	00003 1
5230	50017 1	53140 1	00006 1	50002 0	30001 0	53134 1	00006 1	35242 0
5240	52006 0	C' 03461 1	C' 02063 0	50002 0	30000 1	24002 0	55011 1	35252 1
5250	22006 1	14577 1	C' 20344 0	50002 0	40000 0	61011 0	00006 1	16710 0
5260	16706 1	00004 0	50002 0	30000 1	24002 0	54072 0	74716 1	60000 1
5270	54071 0	30072 1	74765 0	00006 1	74677 1	56072 1	74674 1	54066 0
5300	15304 1	00004 0	34712 1	54066 0	50002 0	30000 1	24002 0	54065 0
5310	00006 1	35314 1	52006 0	C' 02355 0	C' 20103 1	22073 0	22006 1	22073 0
5320	74761 1	10000 0	15363 0	30062 0	74704 1	10000 0	15350 0	50061 0
5330	31052 1	54070 1	30062 0	74703 0	10000 0	15354 1	30002 0	54063 0
5340	30006 1	00006 1	04007 1	54064 1	35347 1	22073 0	52006 0	C' 02443 0
5350	50002 0	30000 1	24002 0	15331 1	00006 1	50002 0	30001 0	52064 1
5360	34711 1	26002 1	15344 0	74677 1	10000 0	15350 0	15327 0	22706 0
5370	22006 1	50000 1	30001 0	22006 1	22706 0	13573 1	22706 0	22006 1



OCTAL LISTING FOR PARAGRAPH J 014, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED s1s (INTERPRETIVE OPERATOR WORDS) OR sCs (CONSTANTS)

6000	30007 0	00008 1	01008 0	00008 1	01005 0	00002 0	00003 1	00008 1
6010	22184 1	30008 1	54185 1	74874 1	54115 0	54023 1	16037 1	22008 1
6020	16011 0	00008 1	50116 1	30001 0	52155 1	34714 1	54156 1	54163 1
6030	30165 0	54008 0	10023 1	16046 1	10087 1	15063 0	24184 1	50164 1
6040	30000 1	10000 0	16331 1	C' 00177 0	54023 1	76043 1	54020 1	10020 1
6050	16216 0	16712 1	74712 0	10000 0	16115 0	50184 1	40001 1	10000 0
6060	16164 0	C' 77773 1	24184 1	54116 0	66220 1	10000 0	67712 1	16074 0
6070	30120 1	26116 0	50020 0	76242 1	00008 1	66105 0	74747 0	64747 1
6100	56116 1	60115 1	54004 1	50020 0	76242 1	74373 0	64744 1	56116 1
6110	54003 0	50020 0	76242 1	37702 0	54020 1	30120 1	54130 1	24164 1
6120	50164 1	40000 0	10000 0	24130 0	16125 0	54118 0	77711 0	00006 1
6130	16133 1	30115 1	26116 0	50130 0	40046 1	26116 0	77713 1	00008 1
6140	16153 1	77711 0	00008 1	16155 1	30116 1	54004 1	74747 0	64700 1
6150	54116 0	50020 0	36242 0	30120 1	16161 0	34744 1	56116 1	54003 0
6160	74373 0	26116 0	50020 0	36242 0	34374 0	70020 1	66171 0	10000 0
6170	16202 0	C' 77767 1	66061 0	10000 0	50000 1	46213 0	16204 0	50163 0
6200	46211 1	16204 0	50183 0	46213 0	26166 1	54116 0	50020 0	76242 1
6210	C' 00002 0	C' 00008 1	C' 00008 1	C' 00002 0	C' 00003 1	C' 00008 1	10020 1	16232 0
6220	C' 77722 0	24184 1	50164 1	30000 1	54117 1	34750 1	54004 1	70020 1
6230	50000 1	16303 0	54004 1	10020 1	50000 1	12000 1	10163 1	12017 1
6240	12017 1	12121 0	C' 00122 0	16454 0	17040 0	17624 1	17350 1	16652 1
6250	16437 0	16021 0	17573 0	16450 1	16567 1	16472 1	17303 1	16526 1
6260	16575 1	17306 1	17585 1	17543 0	17546 0	17552 0	17570 0	16720 0
6270	16716 0	17005 1	17300 1	17427 0	17374 1	16754 0	17031 0	16744 1
6300	16300 0	17541 1	17562 0	12371 1	12376 0	12401 1	12405 0	12411 0
6310	12417 0	12433 0	12442 0	12425 1	12436 0	12514 1	12521 1	12474 0
6320	12534 0	12543 0	12504 0	30185 0	54004 1	24164 1	50164 1	40000 0
6330	67716 0	54116 0	74372 1	56116 1	77671 1	00008 1	74706 0	50000 1
6340	16341 0	06371 1	16030 0	06363 1	16030 0	06366 1	16030 0	06371 1
6350	16427 1	06371 1	16113 0	06371 1	16432 0	06371 1	16435 1	06371 1
6360	34723 0	54020 1	16221 1	50120 1	40046 1	16370 1	50120 1	40047 0
6370	26116 0	40116 0	64727 1	10000 0	30120 1	16402 0	34744 1	56116 1

OCTAL LISTING FOR PARAGRAPH J 015, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

6400	54003 0	74373 0	26116 0	00006 1	30155 0	50116 1	52001 1	10163 1
6410	16423 0	00002 0	00006 1	30160 0	50116 1	52003 0	00006 1	30162 1
6420	50116 1	52005 0	00002 0	30156 0	50116 1	54002 1	00002 0	37701 0
6430	54020 1	16055 0	34674 0	54020 1	16055 0	36056 1	18114 1	50116 1
6440	30002 0	54156 1	00006 1	50116 1	30001 0	52155 1	34712 1	16027 0
6450	22007 0	50116 1	30000 1	18024 0	00006 1	50116 1	30001 0	52155 1
6460	00006 1	50116 1	30003 1	52160 1	00006 1	50116 1	30005 1	52162 0
6470	44712 0	16027 0	00006 1	50116 1	30001 0	52155 1	50166 0	52001 1
6500	50163 0	36213 1	26166 1	10163 1	16521 0	16517 0	54163 1	54156 1
6510	52160 1	50166 0	51775 0	52162 0	50166 0	51777 1	16030 0	54156 1
6520	16030 0	54163 1	56156 0	50166 0	53777 0	16030 0	00006 1	50116 1
6530	30001 0	52155 1	50166 0	52001 1	50163 0	36213 1	26166 1	10163 1
6540	16557 1	18460 1	00006 1	50116 1	30003 1	52160 1	50166 0	51775 0
6550	00006 1	50116 1	30005 1	52162 0	50166 0	51777 1	16030 0	00006 1
6560	50116 1	30003 1	52160 1	30156 0	50166 0	53777 0	16464 0	24164 1
6570	50164 1	30000 1	50116 1	54000 0	16030 0	24164 1	50164 1	30000 1
6600	50116 1	60000 1	54004 1	74747 0	50000 1	32000 0	54117 1	30165 0
6610	74364 0	64364 1	60164 1	50120 1	54052 1	30117 0	77711 0	00006 1
6620	16631 1	30165 0	54006 0	30117 0	54004 1	74747 0	64700 1	54164 0
6630	16011 0	30117 0	66220 1	10000 0	30117 0	16644 0	30120 1	60117 0
6640	50000 1	30000 1	54117 1	16616 1	54003 0	74373 0	50000 1	31400 1
6650	54117 1	16616 1	50164 1	30001 0	50116 1	60000 1	54004 1	74747 0
6660	50000 1	32000 0	54117 1	16616 1	30165 0	54004 1	50164 1	30001 0
6670	54117 1	16616 1	10154 0	00002 0	16676 1	16710 0	10155 1	00002 0
6700	16702 0	16710 0	10156 1	00002 0	16706 1	16710 0	50002 0	00001 0
6710	50002 0	00002 0	30165 0	54006 0	50164 1	00001 0	34674 0	16721 1
6720	34371 0	26116 0	00006 1	50116 1	00003 1	20160 1	00006 1	16731 0
6730	06763 0	00006 1	50116 1	00005 1	20162 0	00006 1	16740 0	06760 0
6740	00006 1	50116 1	00001 0	16747 1	00006 1	50116 1	30001 0	20155 1
6750	00006 1	16030 0	06766 0	16030 0	00006 1	50116 1	40001 1	16747 1
6760	54001 1	34715 0	16765 1	54001 1	36214 0	56001 0	50000 1	44673 0
6770	54130 1	00006 1	24000 1	50001 0	26155 1	54007 1	34714 1	60130 0



OCTAL LISTING FOR PARAGRAPH J 016, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A* DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

T000	50001 0	26154 0	54007 1	00002 0	17121 0	00006 1	50116 1	30003 1
T010	52160 1	00008 1	40001 1	20160 1	00006 1	17017 1	08763 0	00006 1
T020	50116 1	30005 1	52162 0	00006 1	40001 1	20162 0	00006 1	17031 0
T030	06760 0	00006 1	50116 1	30001 0	52155 1	00006 1	40001 1	16747 1
T040	00006 1	50116 1	30002 0	20156 1	50116 1	60000 1	60154 1	54154 0
T050	16030 0	16752 0	50002 0	30000 1	24002 0	54116 0	50116 1	30001 0
T060	54156 1	34714 1	56155 0	54135 1	00006 1	70156 1	56156 0	00006 1
T070	70154 0	20156 1	50116 1	30000 1	56135 0	00006 1	70135 1	20156 1
T100	56154 1	00006 1	70135 1	20155 1	00002 0	34714 1	54163 1	56156 0
T110	60000 1	54001 1	00002 0	60155 0	54155 1	00002 0	60154 1	54154 0
T120	00002 0	54121 1	00002 0	34711 1	54136 1	00006 1	22137 1	07056 0
T130	52160 1	52155 1	52131 0	30156 0	54132 0	30136 0	26116 0	07056 0
T140	52156 1	20132 0	60154 1	60130 0	54130 1	17147 0	54121 1	52162 0
T150	52155 1	30136 0	26116 0	07056 0	52132 0	20156 1	60154 1	60130 0
T160	54154 0	00137 1	06766 0	00137 1	00006 1	22141 0	54117 1	22140 1
T170	17201 1	50002 0	30000 1	54140 0	60000 1	60002 0	54117 1	64715 0
T200	54141 1	36242 0	54116 0	00006 1	50117 0	30004 0	52155 1	52123 0
T210	17214 0	54140 0	44711 0	26117 1	07056 0	00006 1	50117 0	30002 0
T220	20155 1	10140 0	17211 0	00141 0	34714 1	54156 1	22002 0	06672 1
T230	17234 1	17254 1	44672 1	17235 0	34672 0	54002 1	00006 1	24000 1
T240	60156 0	54156 1	34714 1	60002 0	60155 0	54155 1	34714 1	60002 0
T250	60154 1	54154 0	54155 1	00001 0	54156 1	17251 1	54135 1	00006 1
T260	70156 1	54156 1	34714 1	56155 0	17075 0	54135 1	00006 1	70155 1
T270	52155 1	00006 1	70135 1	30001 0	26154 0	00006 1	30155 0	00002 0
T300	07123 0	34714 1	16027 0	34711 1	54140 0	17311 1	44377 1	54140 0
T310	36211 0	54136 1	07501 1	07125 0	00006 1	30123 1	52155 1	52134 0
T320	00006 1	30125 1	52160 1	00006 1	30127 0	52162 0	30140 1	26116 0
T330	07125 0	52123 0	52155 1	52125 0	52160 1	52127 1	52162 0	30140 1
T340	26116 0	07125 0	52134 0	52155 1	52162 0	52125 0	52160 1	16030 0
T350	10163 1	17377 1	17377 1	07056 0	07107 0	52160 1	52155 1	52160 1
T360	07056 0	07107 0	52162 0	52155 1	52162 0	07056 0	07107 0	52155 1
T370	52162 0	52160 1	52155 1	16030 0	07123 0	44710 1	26116 0	00006 1

OCTAL LISTING FOR PARAGRAPH J 020, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A/A (INTERPRETIVE OPERATOR WORDS) OR A/C (CONSTANTS)

00,2000	13207 0	13527 0	13516 1	13607 1	13611 0	13174 1	12116 1	17637 0
00,2010	13232 0	13023 1	13176 0	13245 0	16323 1	13274 1	13247 1	36211 0
00,2020	70020 1	54021 0	10020 1	12101 1	C' 00024 1	50021 1	34675 1	54135 1
00,2030	10020 1	02050 0	16027 0	30135 0	00006 1	70156 1	54156 1	30135 0
00,2040	00006 1	70154 0	52155 1	30135 0	00006 1	70001 1	20156 1	16030 0
00,2050	30156 0	00006 1	70135 1	56155 0	00006 1	70135 1	56155 0	60001 0
00,2060	60000 1	54156 1	12064 0	26155 1	34714 1	54156 1	56154 1	00006 1
00,2070	70135 1	20155 1	00002 0	30135 0	00006 1	70155 1	54155 1	56001 0
00,2100	12060 1	30021 1	54135 1	00006 1	30156 0	20156 1	60154 1	60154 1
00,2110	54154 0	12113 1	54121 1	10135 1	12102 1	10020 1	07105 1	16030 0
00,2120	16030 0	34716 0	70020 1	54135 1	10020 1	12145 1	C' 00176 1	50135 0
00,2130	34675 1	54135 1	02073 1	52155 1	52160 1	52155 1	02073 1	52155 1
00,2140	52162 0	52155 1	02073 1	17367 0	54135 1	00006 1	30155 0	20155 1
00,2150	00006 1	12153 0	06766 0	00006 1	30160 0	20160 1	00006 1	12161 1
00,2160	06763 0	00006 1	30162 1	20162 0	00006 1	12167 1	06760 0	10135 1
00,2170	12144 0	16030 0	54135 1	06672 1	12176 1	12212 0	07228 0	30154 1
00,2200	12207 1	24135 0	00006 1	30156 0	20156 1	60154 1	26154 0	60000 1
00,2210	54000 0	12201 1	40135 1	16572 0	70116 0	10000 0	12224 0	34701 0
00,2220	70116 0	10000 0	07105 1	16030 0	54135 1	34703 1	00006 1	70116 0
00,2230	76214 1	50000 1	12233 0	12332 0	12342 1	12336 1	10163 1	12277 0
00,2240	12277 0	30135 0	63730 0	00006 1	62127 1	67716 0	54135 1	34714 1
00,2250	54001 1	56154 1	56155 0	02272 1	20155 1	56157 1	56160 0	02272 1
00,2260	20160 1	56161 1	56162 1	02272 1	20162 0	10135 1	54135 1	12242 0
00,2270	C' 04604 1	16030 0	60000 1	54156 1	34714 1	56001 0	00002 0	30135 0
00,2300	63730 0	00006 1	62322 0	67716 0	54135 1	34714 1	56154 1	56155 0
00,2310	54156 1	10135 1	54135 1	02300 0	C' 22850 1	34701 0	70116 0	10000 0
00,2320	07105 1	16030 0	50135 0	34675 1	54135 1	34701 0	70116 0	10000 0
00,2330	12031 0	12033 1	40135 1	62126 0	54135 1	12236 0	42126 1	60135 0
00,2340	40000 0	54135 1	10163 1	12346 0	12346 0	12145 1	40116 0	00006 1
00,2350	74705 0	54020 1	12103 0	44712 0	54136 1	54137 0	54140 0	10130 1
00,2360	12516 0	12363 1	12531 0	54156 1	07226 0	10154 0	12414 0	12371 1
00,2370	12413 1	56131 1	56130 0	56155 0	56154 1	10130 1	12422 0	12401 1

OCTAL LISTING FOR PARAGRAPH J 021, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

00,2400	12416 1	40154 0	00006 1	62405 1	24136 0	34672 0	54154 0	02630 0
00,2410	34712 1	54121 1	06030 1	24136 0	40131 0	12402 1	00006 1	40131 0
00,2420	52131 0	24136 0	10154 0	12437 1	12426 1	12433 0	10155 1	12437 1
00,2430	16030 0	12433 0	16030 0	00006 1	40155 1	52155 1	24136 0	40154 0
00,2440	67716 0	60130 0	10000 0	12505 1	C' 60001 0	12446 1	34675 1	60000 1
00,2450	60155 0	54155 1	34714 1	64672 0	26154 0	34675 1	60000 1	60131 1
00,2460	54131 0	34714 1	64672 0	26130 1	40154 0	60130 0	10000 0	12505 1
00,2470	C' 00133 0	12405 0	54140 0	40155 1	60131 1	00006 1	62405 1	12505 1
00,2500	00006 1	24137 1	00006 1	30131 1	20131 0	30130 0	60000 1	54000 0
00,2510	12500 1	52155 1	50137 1	02565 0	54156 1	16030 0	10000 0	12422 0
00,2520	40131 0	00006 1	62422 1	34675 1	60000 1	26131 0	34714 1	54130 1
00,2530	12363 1	10000 0	12416 1	30131 1	00006 1	62416 0	44675 0	12524 1
00,2540	22021 1	00006 1	74675 0	56001 0	60021 1	56001 0	12571 1	20001 1
00,2550	20001 1	20001 1	20001 1	20001 1	20001 1	20001 1	20001 1	20001 1
00,2560	20001 1	20001 1	20001 1	20001 1	52155 1	10140 0	C' 06552 0	12642 1
00,2570	52155 1	00006 1	10130 1	52155 1	40154 0	00006 1	70131 0	60155 0
00,2600	54000 0	12606 1	00006 1	60130 0	24154 1	12610 0	00006 1	62620 1
00,2610	00006 1	60130 0	00006 1	12616 0	00006 1	62624 0	24154 1	12625 0
00,2620	00006 1	12630 1	00006 1	26154 0	60130 0	22007 0	00006 1	10130 1
00,2630	54155 1	10136 1	00002 0	00002 0	00002 0	00006 1	40155 1	52155 1
00,2640	34714 1	00002 0	40154 0	60130 0	00006 1	12647 1	12570 0	34672 0
00,2650	54154 0	40131 0	60155 0	12624 1	44712 0	54137 0	54127 1	03010 0
00,2660	52131 0	07513 1	52131 0	10130 1	12721 0	12667 0	12715 1	56131 1
00,2670	56130 0	56155 0	56154 1	00006 1	12676 0	12405 0	56160 0	56157 1
00,2700	00006 1	12703 0	12405 0	56162 1	56161 1	00006 1	12710 1	12405 0
00,2710	10130 1	12721 0	12405 0	12715 1	12405 0	00006 1	40131 0	52131 0
00,2720	24127 0	00006 1	30131 1	52134 0	12732 1	00006 1	24137 1	00006 1
00,2730	30131 1	20131 0	30130 0	60000 1	54000 0	12725 1	02750 1	52160 1
00,2740	52155 1	52160 1	02750 1	52162 0	52155 1	52162 0	02750 1	17367 0
00,2750	30127 0	54136 1	10154 0	12767 1	12756 0	12763 0	10155 1	12767 1
00,2760	00002 0	12763 0	00002 0	00006 1	40155 1	52155 1	24136 0	44712 0
00,2770	54140 0	40154 0	60133 0	10000 0	13004 1	12777 0	12405 0	54140 0

OCTAL LISTING FOR PARAGRAPH J 022, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

00,3000	40155 1	60134 1	00008 1	62405 1	52155 1	50137 1	12585 1	C' 32506 0
00,3010	56002 0	52155 1	07513 1	52155 1	52160 1	07513 1	52160 1	52162 0
00,3020	07513 1	52162 0	00000 1	03010 0	07501 1	34714 1	56121 0	54141 1
00,3030	03317 1	30141 0	56121 0	00006 1	13036 0	12405 0	00006 1	30155 0
00,3040	50120 1	52043 1	03343 0	10154 0	13051 1	54001 1	50120 1	52045 1
00,3050	12405 0	44333 1	60135 0	10000 0	40000 0	13133 1	13065 0	44720 1
00,3060	54135 1	30154 1	54001 1	34714 1	13112 1	10135 1	13074 0	42024 1
00,3070	54135 1	00006 1	30155 0	13112 1	40000 0	54135 1	40000 0	50000 1
00,3100	34675 1	54130 1	00006 1	70155 1	56130 0	00006 1	70154 0	56001 0
00,3110	60130 0	56001 0	50120 1	52045 1	44712 0	54140 0	52123 0	52155 1
00,3120	52131 0	03151 1	52125 0	52155 1	52160 1	03151 1	52127 1	52155 1
00,3130	52162 0	03151 1	17387 0	54135 1	34714 1	56123 1	56122 0	56125 1
00,3140	56124 0	56127 0	56126 1	40135 1	50000 1	34675 1	00006 1	70154 0
00,3150	13062 1	10154 0	13170 0	13155 1	13162 0	10155 1	13170 0	00002 0
00,3160	13162 0	00002 0	44714 0	54136 1	00006 1	40155 1	50135 0	12564 0
00,3170	54136 1	52155 1	50135 0	12564 0	03300 1	16030 0	10163 1	13226 0
00,3200	13226 0	03317 1	22163 0	00006 1	30155 0	50120 1	52043 1	03343 0
00,3210	10135 1	13213 0	16030 0	63730 0	00006 1	63221 0	22007 0	22116 1
00,3220	12303 1	50135 0	34874 0	54135 1	34714 1	12036 1	06672 1	16030 0
00,3230	16030 0	17637 0	44710 1	26166 1	00006 1	50000 1	30003 1	52160 1
00,3240	00006 1	50166 0	30001 0	52162 0	16470 0	03317 1	17301 0	00006 1
00,3250	30155 0	50166 0	52001 1	50163 0	36213 1	26166 1	10163 1	13272 1
00,3260	16030 0	00006 1	30160 0	50166 0	51775 0	00006 1	30162 1	50166 0
00,3270	51777 1	16030 0	30156 0	16523 1	50120 1	30052 0	54117 1	16621 0
00,3300	30155 0	00006 1	70000 0	54156 1	34714 1	56155 0	00006 1	70154 0
00,3310	20001 1	20156 1	56154 1	00006 1	70000 0	20155 1	00002 0	00006 1
00,3320	22137 1	03300 1	52160 1	52155 1	52131 0	30156 0	54132 0	03300 1
00,3330	52156 1	20132 0	60154 1	60130 0	54130 1	13337 1	54121 1	52162 0
00,3340	52155 1	03300 1	17154 1	34714 1	54135 1	10154 0	13404 0	13351 1
00,3350	13373 1	56156 0	56155 0	54154 0	34716 0	54135 1	10154 0	13404 0
00,3360	13362 1	13376 1	56155 0	54154 0	34716 0	26135 1	10154 0	13404 0
00,3370	00002 0	13376 1	13452 0	10000 0	13402 0	10155 1	34714 1	13452 0

OCTAL LISTING FOR PARAGRAPH J 023, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A/B (INTERPRETIVE OPERATOR WORDS) OR A/C (CONSTANTS)

00,3400	13402 0	13452 0	05622 1	C' 01302 1	62444 1	00006 1	63455 0	52155 1
00,3410	22021 1	00006 1	74675 0	52155 1	56021 1	26155 1	32314 0	00006 1
00,3420	70154 0	62566 0	54130 1	30154 1	22007 0	00006 1	10130 1	00006 1
00,3430	74675 0	26130 1	00006 1	74675 0	52155 1	00006 1	10130 1	54131 0
00,3440	34714 1	56001 0	00006 1	10130 1	54001 1	30131 1	20155 1	00006 1
00,3450	13454 0	34672 0	54154 0	54155 1	00002 0	64676 1	00006 1	63501 0
00,3460	52155 1	22021 1	00006 1	74675 0	52155 1	56021 1	26155 1	33007 0
00,3470	00006 1	70154 0	62270 0	13422 1	00006 1	30156 0	20156 1	60154 1
00,3500	26154 0	24135 0	00006 1	30156 0	20156 1	60154 1	26154 0	60000 1
00,3510	54022 0	10022 0	10022 0	13474 1	13416 0	13467 0	06672 1	13522 0
00,3520	13525 1	13525 1	00006 1	40155 1	52155 1	34676 1	26154 0	52155 1
00,3530	20001 1	54000 0	13535 0	00006 1	40001 1	52155 1	30154 1	60000 1
00,3540	54001 1	13552 1	50000 1	34674 0	60000 1	00006 1	60154 1	54154 0
00,3550	40155 1	54155 1	00006 1	30155 0	52134 0	03300 1	07171 1	C' 00003 1
00,3560	C' 14441 0	C' 37325 1	C' 53250 0	C' 60764 1	C' 12146 1	C' 21278 1	C' 75466 1	C' 71471 0
00,3570	C' 00236 0	C' 32757 0	32470 0	07055 0	00006 1	30156 0	20156 1	60154 1
00,3600	26154 0	00006 1	30156 0	20156 1	60154 1	26154 0	16030 0	33630 1
00,3610	13612 0	33712 0	54136 1	06672 1	13624 0	13726 0	00006 1	40155 1
00,3620	52155 1	33731 1	56136 0	54137 0	44675 0	60154 1	10000 0	13720 0
00,3630	13706 1	13641 0	10155 1	34714 1	13636 0	13641 0	54155 1	54154 0
00,3640	00136 0	00006 1	40155 1	64675 1	52155 1	52134 0	03343 0	10135 1
00,3650	13713 0	52155 1	52134 0	52155 1	07171 1	C' 00006 1	C' 13240 0	C' 23630 0
00,3660	C' 74721 0	C' 47775 1	C' 02440 0	C' 20237 0	C' 75067 1	C' 70742 1	C' 03436 0	C' 26756 1
00,3670	C' 74037 0	C' 57640 1	C' 03046 0	C' 07143 0	C' 76654 1	C' 42244 0	32470 0	07055 0
00,3700	00136 0	00006 1	40155 1	64675 1	52155 1	00137 1	00006 1	40155 1
00,3710	64676 1	52155 1	16030 0	50000 1	34675 1	54135 1	02073 1	13651 1
00,3720	00006 1	13636 0	05537 0	C' 01301 1	34714 1	13636 0	34676 1	13637 1
00,3730	C' 77763 0	13701 0	00004 0	54002 1	36214 0	54070 1	50000 1	31141 1
00,3740	00006 1	13746 0	10070 1	13735 1	05604 0	C' 01104 0	33766 0	54061 1
00,3750	30004 0	60070 0	54001 1	33767 1	15146 0	04604 1	50070 0	55141 0
00,3760	05070 0	34714 1	50006 1	57141 1	05074 1	05213 1	C' 03753 0	C' 03761 1
00,3770	C' 03770 1	C' 03771 0	CKSM 63734 1	"	"	"	"	"

OCTAL LISTING FOR PARAGRAPH J 024, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD; A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A'S (INTERPRETIVE OPERATOR WORDS) OR A'S (CONSTANTS)

01,2000	00083 1	00010 0	00063 1	00024 1	00063 1	00043 0	00063 1	00107 1
01,2010	00242 0	00260 0	00338 1	00348 0	C' 00170 1	C' 74550 1	C' 45711 1	C' 10000 0
01,2020	C' 02382 1	C' 34066 0	C' 10000 0	C' 02074 0	C' 58066 1	C' 10000 0	C' 02273 0	C' 78066 0
01,2030	C' 02805 0	C' 75216 0	C' 28063 0	C' 05000 1	C' 02570 1	C' 28063 0	C' 10000 0	C' 02512 0
01,2040	C' 70067 1	C' 14000 1	C' 02173 0	C' 62065 0	C' 10000 0	C' 02377 0	C' 58067 0	C' 20000 0
01,2050	C' 02404 0	C' 34067 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 22000 1	C' 02127 1	C' 70063 0
01,2060	C' 22000 1	C' 02247 1	C' 70063 0	C' 22000 1	C' 02026 1	C' 70063 0	C' 76347 0	C' 75071 0
01,2070	C' 27710 1	C' 77777 0	C' 75262 0	C' 27710 1	C' 30000 1	C' 02461 0	C' 50067 0	C' 77777 0
01,2100	C' 75262 0	C' 27710 1	C' 05664 0	C' 75517 0	C' 27711 0	C' 77777 0	C' 75262 0	C' 27710 1
01,2110	C' 04700 1	C' 75256 1	C' 27710 1	C' 00050 1	C' 75170 0	C' 27711 0	C' 00240 1	C' 75142 1
01,2120	C' 27711 0	C' 00764 1	C' 75240 0	C' 27711 0	C' 00372 1	C' 74317 1	C' 27711 0	C' 00310 0
01,2130	C' 74352 0	C' 27710 1	C' 16000 0	C' 02000 0	C' 66065 1	C' 16000 0	C' 03736 0	C' 66065 1
01,2140	C' 01672 0	C' 75413 0	C' 50067 0	C' 12000 1	C' 02113 0	C' 50067 0	C' 24000 1	C' 02000 0
01,2150	C' 32060 0	C' 00372 1	C' 75055 0	C' 27711 0	C' 13000 0	C' 02524 0	C' 30065 1	C' 04064 1
01,2160	C' 75403 1	C' 23711 1	C' 12000 1	C' 02155 1	C' 50066 1	C' 00764 1	C' 75275 0	C' 27710 1
01,2170	C' 17000 1	C' 02511 0	C' 54066 0	C' 76003 0	C' 75213 0	C' 23711 1	C' 13000 0	C' 02602 1
01,2200	C' 54066 0	C' 17000 1	C' 03006 1	C' 52066 0	C' 77777 0	C' 75463 1	C' 07711 1	C' 77777 0
01,2210	C' 74336 1	C' 27710 1	C' 13000 0	C' 02456 1	C' 54067 1	C' 76105 1	C' 75352 1	C' 27710 1
01,2220	C' 77777 0	C' 75225 0	C' 27711 0	C' 77777 0	C' 75063 0	C' 27711 0	C' 00012 1	C' 75256 1
01,2230	C' 27710 1	C' 77777 0	C' 74420 1	C' 27711 0	C' 00372 1	C' 74403 0	C' 27711 0	C' 77777 0
01,2240	C' 74366 1	C' 27711 0	C' 77777 0	C' 74324 1	C' 27711 0	C' 77777 0	C' 75240 0	C' 27711 0
01,2250	C' 32000 0	C' 03141 0	C' 76067 1	C' 00310 0	C' 74567 0	C' 01711 1	C' 20000 0	C' 03007 0
01,2260	C' 76067 1	C' 00310 0	C' 74567 0	C' 01711 1	C' 00310 0	C' 74567 0	C' 01711 1	C' 77777 0
01,2270	C' 75123 0	C' 01711 1	C' 20000 0	C' 02456 1	C' 66065 1	C' 77777 0	C' 75174 1	C' 11712 0
01,2300	C' 20000 0	C' 02527 0	C' 66065 1	C' 20000 0	C' 03317 1	C' 66065 1	C' 20000 0	C' 05112 0
01,2310	C' 04065 0	C' 20000 0	C' 02637 1	C' 66065 1	C' 77777 0	C' 75151 0	C' 11712 0	C' 20000 0
01,2320	C' 03330 1	C' 66065 1	C' 20000 0	C' 03276 1	C' 66065 1	C' 77777 0	C' 75167 0	C' 01710 0
01,2330	C' 20000 0	C' 03353 1	C' 66065 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 77777 0	C' 75041 0
01,2340	C' 01711 1	C' 77777 0	C' 75173 0	C' 01710 0	C' 77777 0	C' 75737 0	C' 37711 1	C' 00144 0
01,2350	C' 74605 1	C' 27710 1	C' 00144 0	C' 74605 1	C' 27710 1	C' 30000 1	C' 03564 0	C' 58063 1
01,2360	C' 00000 1	C' 00000 1	C' 00000 1	C' 78052 1	C' 75323 1	C' 45711 1	C' 00000 1	C' 00000 1
01,2370	C' 00000 1	02466 1	30117 0	50130 0	54046 1	16030 0	02466 1	40117 1

OCTAL LISTING FOR PARAGRAPH J 025, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

01,2400	02373 1	02454 0	50117 0	30000 1	12373 0	02454 0	50117 0	40000 0
01,2410	12373 0	02454 0	50130 0	30046 0	50117 0	54000 0	18030 0	02454 0
01,2420	50117 0	30000 1	50130 0	56046 0	12414 0	02454 0	50117 0	30000 1
01,2430	50130 0	26046 1	18030 0	02466 1	30117 0	12430 0	02454 0	50117 0
01,2440	40000 0	12430 0	02466 1	50130 0	40050 0	50130 0	60046 0	00006 1
01,2450	66030 1	50130 0	56046 0	16615 1	40117 1	64727 1	10000 0	30120 1
01,2460	12465 0	34744 1	56117 0	54003 0	74373 0	28117 1	30120 1	54130 1
01,2470	10020 1	24130 0	00002 0	00002 0	10020 1	30117 0	04560 0	10154 0
01,2500	18030 0	16615 1	18030 0	16615 1	10121 1	12507 0	18030 0	54121 1
01,2510	10020 1	12475 1	C' 00360 1	16615 1	10020 1	06672 1	18030 0	16615 1
01,2520	18030 0	10020 1	12530 1	C' 12000 1	08672 1	16030 0	18030 0	16615 1
01,2530	06672 1	16615 1	16615 1	16030 0	10020 1	16807 1	05840 0	02454 0
01,2540	50120 1	30052 0	12414 0	34721 1	70117 1	50000 1	34674 0	54131 0
01,2550	34704 0	00008 1	70117 1	54130 1	00004 0	50000 1	30074 1	54002 1
01,2560	34700 1	00006 1	70117 1	72823 0	50000 1	12566 1	30131 1	00006 1
01,2570	04002 1	12600 1	30131 1	00008 1	08002 0	12800 1	40131 0	70002 1
01,2600	50130 0	54074 0	00003 1	34676 1	00006 1	70117 1	72823 0	50000 1
01,2610	12611 1	40002 1	70131 0	10000 0	12624 1	16664 1	12624 1	05840 0
01,2620	05840 0	30002 0	12612 1	C' 00014 1	24164 1	18030 0	54061 1	10400 1
01,2630	12643 0	10454 0	12643 0	10530 0	12643 0	10604 1	12643 0	10660 0
01,2640	12643 0	05604 0	C' 01201 0	64711 1	22007 0	50000 1	21777 0	26063 0
01,2650	34714 1	54064 1	32657 1	54062 1	50064 0	10167 0	12717 0	C' 00006 1
01,2660	12717 0	30063 1	50064 0	54167 0	74741 0	50064 0	54166 1	10064 1
01,2670	12704 1	54121 1	30166 0	54120 0	10067 1	12704 1	05640 0	05840 0
01,2700	54067 1	52066 0	52165 1	15115 0	52066 0	50064 0	52165 1	50067 0
01,2710	40167 0	60063 1	00006 1	65115 1	30064 0	54067 1	15115 0	33054 0
01,2720	26064 1	10062 1	12653 1	05604 0	C' 01202 0	22164 1	30165 0	00004 0
01,2730	00006 1	04007 1	56001 0	50067 0	52165 1	52165 1	30165 0	00006 1
01,2740	01007 1	52155 1	50067 0	52155 1	52155 1	52157 0	50067 0	52157 0
01,2750	52157 0	52161 0	50067 0	52161 0	52161 0	52163 1	50067 0	52163 1
01,2760	52163 1	34714 1	56121 0	00006 1	12767 1	40166 1	54166 1	52167 0
01,2770	50067 0	52167 0	52167 0	34741 1	70167 0	54120 0	10166 1	34714 1

OCAL LISTING FOR PARAGRAPH J 026, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

01,3000	13005 0	40166 1	54166 1	34712 1	56121 0	54067 1	00003 1	52165 1
01,3010	00006 1	63013 0	52006 0	40000 0	64712 1	54164 0	16017 0	00004 0
01,3020	40187 0	54187 0	38043 0	70006 0	00006 1	04007 1	54165 1	44714 0
01,3030	54131 0	13141 1	00004 0	10067 1	13037 1	00003 1	13233 1	34711 1
01,3040	00006 1	05011 1	52165 1	12733 0	54061 1	34714 1	54064 1	32657 1
01,3050	54062 1	50064 0	10167 0	13056 0	C' 00014 1	13065 0	33054 0	26064 1
01,3060	10062 1	13050 0	44712 0	54064 1	15115 0	40065 0	50064 0	60164 1
01,3070	00006 1	13073 1	13056 0	50064 0	40167 0	54063 0	50064 0	54167 0
01,3100	44364 0	70065 0	64700 1	56065 1	74364 0	50064 0	60165 0	54066 0
01,3110	10064 1	12704 1	12674 1	54164 0	34714 1	54130 1	34741 1	70167 0
01,3120	60063 1	54167 0	40000 0	13030 0	00004 0	44714 0	54131 0	56167 1
01,3130	74741 0	54001 1	45121 1	60001 0	00006 1	63141 0	10001 1	50000 1
01,3140	54000 0	10203 1	03206 0	05640 0	13145 0	10217 1	03206 0	05640 0
01,3150	13151 0	10233 1	03206 0	C' 67610 1	13155 1	10247 1	03206 0	05640 0
01,3160	13161 0	10263 1	03206 0	05640 0	13165 1	10277 1	03206 0	05640 0
01,3170	13171 1	10131 0	05640 0	05640 0	13176 0	13223 0	10130 1	13201 0
01,3200	13005 0	50000 1	27777 0	63153 0	54067 1	12725 1	54132 0	60131 1
01,3210	10000 0	40132 0	13216 0	13214 1	50002 0	00002 0	54131 0	00006 1
01,3220	22130 0	50130 0	00002 0	44714 0	54067 1	00003 1	44711 0	00006 1
01,3230	03011 1	10067 1	13032 1	34711 1	13242 1	31361 1	54001 1	33241 0
01,3240	15123 0	C' 66102 1	00006 1	05011 1	52165 1	15122 1	54062 1	40026 1
01,3250	64703 1	10000 0	66056 1	40000 0	63402 1	60002 0	10000 0	61400 1
01,3260	13322 0	13262 0	40002 1	64675 1	64675 1	56026 0	64674 0	60002 0
01,3270	00006 1	22007 0	57400 1	57401 0	57402 0	57403 1	57404 0	57405 1
01,3300	57406 1	57407 0	30063 1	50002 0	13305 0	53411 0	53413 1	53415 1
01,3310	53417 0	53421 0	53423 1	53425 1	53427 0	53431 1	65173 1	00006 1
01,3320	15152 0	13375 1	10000 0	61401 0	13330 0	64712 1	03403 0	C' 00001 0
01,3330	10000 0	61402 0	13336 0	64712 1	03403 0	C' 00002 0	10000 0	61403 1
01,3340	13344 0	64712 1	03403 0	C' 00003 1	10000 0	61404 0	13352 1	64712 1
01,3350	03403 0	C' 00004 0	10000 0	61405 1	13360 0	64712 1	03403 0	C' 00005 1
01,3360	10000 0	61406 1	13366 0	64712 1	03403 0	C' 00006 1	10000 0	61407 0
01,3370	13374 0	64712 1	03403 0	C' 00007 0	10000 0	05604 0	C' 01203 1	64712 1

ODDAL LISTING FOR PARAGRAPH J 027, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

01,3400	03403 0	C' 00010 0	C' 40201 0	54084 1	50002 0	30000 1	54082 1	34712 1
01,3410	60084 0	50002 0	27377 1	40084 1	50002 0	13272 1	00008 1	04007 1
01,3420	54018 1	00008 1	22012 1	34873 1	57407 0	57408 1	57405 1	57404 0
01,3430	57403 1	57402 0	57401 0	57400 1	64872 0	28028 1	54734 0	44714 0
01,3440	54734 0	00008 1	45174 1	53431 1	53427 0	53425 1	53423 1	53421 0
01,3450	53417 0	53415 1	53413 1	53411 0	56001 0	00008 1	01007 1	56001 0
01,3460	52008 0	23435 1	34711 1	26002 1	55434 1	00008 1	43477 1	21140 1
01,3470	11140 1	13510 1	13473 0	13474 1	11137 1	13510 1	C' 00000 1	C' 20000 0
01,3500	34675 1	27140 1	05140 1	C' 03515 0	C' 02083 0	33517 1	53435 0	52008 0
01,3510	34675 1	05140 1	C' 03465 0	C' 02083 0	13505 0	53134 1	52008 0	C' 05213 1
01,3520	30181 1	60000 1	54155 1	33762 1	54157 0	33557 0	54707 0	30154 1
01,3530	74744 0	10000 0	13543 1	10154 0	10000 0	13643 1	34761 0	05042 1
01,3540	C' 03185 0	C' 20103 1	03557 0	74744 0	10000 0	13614 0	00008 1	50155 0
01,3550	31437 0	52708 1	30154 1	74718 1	67715 0	10000 0	13728 0	04570 1
01,3560	13562 1	13627 0	33768 0	54704 0	50155 0	31054 1	10000 0	24000 1
01,3570	13573 1	15367 1	13612 0	40000 0	54001 1	50155 0	41053 1	00008 1
01,3600	60025 0	10000 0	40000 0	67700 1	64712 1	60001 0	10000 0	34714 1
01,3610	13612 0	13612 0	64712 1	00704 1	33557 0	54157 0	33763 0	54707 0
01,3620	30154 1	76043 1	54154 0	00008 1	50155 0	31437 0	52708 1	50155 0
01,3630	31054 1	54704 0	00008 1	63637 0	33765 0	56704 1	00704 1	33767 1
01,3640	56704 1	40000 0	00704 1	54020 1	10020 1	13646 1	13744 1	33557 0
01,3650	54707 0	30154 1	54021 0	60021 1	50155 0	62001 1	54156 1	00008 1
01,3660	50158 0	32002 1	22708 0	10000 0	24000 1	13740 0	24000 1	54705 1
01,3670	33768 0	54704 0	30708 0	74701 1	10000 0	13733 1	50158 0	32000 0
01,3700	15376 1	53140 1	00008 1	40025 1	21140 1	00008 1	31138 1	21140 1
01,3710	11137 1	13721 1	13714 1	13607 1	11140 1	13721 1	13717 1	13607 1
01,3720	13612 0	33764 1	54704 0	00008 1	31140 0	00704 1	33768 0	54704 0
01,3730	50155 0	41054 0	15378 1	40708 1	54708 1	50158 0	32000 0	13566 0
01,3740	56705 0	50158 0	32000 0	13631 1	30157 1	54707 0	50155 0	32000 0
01,3750	60154 1	60154 1	60154 1	54158 1	13657 1	36214 0	26158 1	33557 0
01,3760	54707 0	13657 1	C' 03755 0	C' 03533 1	C' 05231 1	C' 05042 1	C' 05140 1	C' 05027 1
01,3770	C' 03770 1	C' 03771 0	CKSM 74057 0	"	"	"	"	"



OCTAL LISTING FOR PARAGRAPH J 040, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, B'A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED BIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

04,2000	02315 1	32007 1	04555 0	C' 20824 0	12001 0	12001 0	12001 0	C' 11343 0
04,2010	54775 0	34371 0	54386 0	31320 1	74705 0	10000 0	12070 0	34876 1
04,2020	00008 1	02011 0	10000 0	12030 1	40102 0	74105 0	00008 1	62061 1
04,2030	00004 0	34752 0	54003 0	31474 1	55862 0	04633 0	C' 50737 1	04633 0
04,2040	C' 13207 0	32402 0	04633 0	C' 42011 1	04633 0	C' 51003 0	34714 1	54775 0
04,2050	00003 1	34715 0	04555 0	C' 01732 0	34714 1	00008 1	01005 0	00008 1
04,2060	01008 0	30775 1	00008 1	12112 0	40078 1	74712 0	10000 0	12075 0
04,2070	05537 0	C' 01520 1	04473 0	04574 0	C' 21176 1	32475 0	54155 1	50155 0
04,2100	32440 0	76043 1	40000 0	60775 1	10000 0	10155 1	12076 0	12257 1
04,2110	30155 0	54774 1	40103 1	74705 0	10000 0	12123 1	00004 0	44712 0
04,2120	70075 1	54075 1	15112 1	32377 0	54374 0	05301 0	C' 00014 1	08006 1
04,2130	I' 77624 1	C' 27371 1	I' 77776 1	02315 1	05447 0	C' 00020 0	04555 0	C' 57750 1
04,2140	05447 0	C' 00215 1	05447 0	C' 00037 0	10775 0	12245 1	04473 0	34754 0
04,2150	55058 1	00004 0	44712 0	70078 1	54078 1	34715 0	54001 1	40000 0
04,2160	52755 1	42374 1	70074 0	54074 0	34714 1	54332 1	42375 0	55071 1
04,2170	70075 1	54075 1	04633 0	C' 12508 1	10775 0	12204 1	04633 0	C' 12500 1
04,2200	30775 1	55011 1	04574 0	C' 12641 1	40775 0	64112 1	00008 1	12211 0
04,2210	12221 0	40775 0	61011 0	00008 1	12225 1	30074 1	74704 1	10000 0
04,2220	12236 0	34704 0	70074 0	10000 0	12233 0	00008 1	34714 1	52753 1
04,2230	00008 1	34714 1	52755 1	32376 1	54374 0	12202 1	40075 1	74732 1
04,2240	26075 1	00008 1	34714 1	52761 0	12200 0	34704 0	70074 0	10000 0
04,2250	12253 0	05447 0	C' 00007 0	50774 0	32476 0	00004 0	12185 0	04400 1
04,2260	12072 1	00004 0	50774 0	32440 0	55060 1	54020 1	30020 0	77674 1
04,2270	55062 0	54063 0	31060 0	00008 1	74703 0	74718 1	54001 1	50774 0
04,2300	32403 1	55061 0	74364 0	26001 1	31061 1	74747 0	64700 1	05053 1
04,2310	31080 0	76043 1	05248 1	04473 0	05112 0	00008 1	22155 0	34752 0
04,2320	54003 0	00004 0	04555 0	C' 45245 0	30105 0	74877 1	10000 0	12333 1
04,2330	04555 0	C' 50213 1	12335 1	04555 0	C' 50227 0	34717 1	54154 0	50154 1
04,2340	42358 1	50154 1	70074 0	50154 1	54074 0	10154 0	12336 1	00003 1
04,2350	05435 0	C' 00044 1	05425 1	37718 0	55303 1	00155 0	C' 00000 1	C' 00040 0
04,2360	C' 02000 0	C' 00000 1	C' 00000 1	C' 04140 0	C' 10000 0	C' 16020 1	C' 00000 1	C' 42000 1
04,2370	C' 00000 1	C' 00000 1	C' 03143 1	C' 12068 1	C' 00300 1	C' 01120 0	C' 10264 0	C' 10132 0

OCTAL LISTING FOR PARAGRAPH J 041, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

04,2400	C' 02106 1	C' 42066 1	C' 37312 0	C' 11334 0	C' 11106 0	C' 73433 1	C' 28036 0	C' 72157 1
04,2410	C' 72002 0	C' 54320 1	C' 54217 1	C' 32000 0	C' 31054 1	C' 32000 0	C' 31054 1	C' 50410 1
04,2420	C' 50235 0	C' 50002 0	C' 11327 1	C' 11103 0	C' 74502 0	C' 72153 0	C' 72000 1	C' 73820 1
04,2430	C' 73604 1	C' 62021 0	C' 60000 1	C' 76001 1	C' 76207 0	C' 73431 0	C' 55855 1	C' 66001 0
04,2440	C' 27117 0	C' 27116 1	C' 27115 1	C' 27714 0	C' 27113 1	C' 27112 0	C' 27476 1	C' 27475 1
04,2450	C' 27266 0	C' 27265 0	C' 27284 1	C' 27263 0	C' 27657 0	C' 27451 1	C' 27450 0	C' 27047 1
04,2460	C' 27046 0	C' 27645 0	C' 27043 0	C' 27042 1	C' 27637 0	C' 27636 1	C' 27227 0	C' 27226 1
04,2470	C' 27025 0	C' 27424 0	C' 27021 1	C' 27006 1	C' 41201 1	C' 00034 0	C' 00002 0	C' 00002 0
04,2500	C' 00002 0	C' 00002 0	C' 00002 0	C' 00002 0	C' 00001 0	C' 00003 1	C' 00000 1	C' 00000 1
04,2510	C' 00000 1	C' 00000 1	C' 00003 1	C' 00003 1	C' 00003 1	C' 00002 0	C' 00002 0	C' 00002 0
04,2520	C' 00002 0	C' 00002 0	C' 00002 0	C' 00002 0	C' 00002 0	C' 00004 0	C' 00002 0	C' 00002 0
04,2530	C' 00002 0	C' 00000 1	C' 00000 1	C' 00465 0	C' 32324 0	C' 00333 1	C' 01733 1	56002 0
04,2540	54154 0	00004 0	34371 0	05027 1	C' 03435 0	C' 60101 1	00003 1	00154 1
04,2550	54001 1	04234 0	04240 0	04410 0	30001 0	55043 0	05070 0	52134 0
04,2560	52365 0	24364 0	30006 1	74747 0	26365 0	50364 0	27777 0	04561 1
04,2570	02574 0	02573 1	24364 0	24364 0	52365 0	52006 0	22164 1	50001 0
04,2600	30001 0	24001 0	24001 0	52365 0	06006 1	I' 77624 1	C' 00364 0	I' 77776 1
04,2610	22365 1	16010 1	05074 1	44700 0	50064 0	28164 0	00072 1	I' 62545 1
04,2620	C' 02403 1	C' 15047 0	C' 02401 0	I' 77434 1	C' 45543 1	56154 1	55045 0	04555 0
04,2630	C' 20607 1	32650 0	04555 0	C' 20624 0	02636 0	02637 1	02631 1	06006 1
04,2640	I' 47135 0	C' 01046 1	C' 45510 1	C' 02401 0	I' 60535 1	C' 01047 0	C' 02403 1	I' 77616 0
04,2650	C' 01451 0	C' 20000 0	C' 00000 1	I' 43014 0	C' 01312 0	C' 10673 1	C' 02747 1	C' 10676 1
04,2660	I' 53575 0	I' 72441 0	C' 01744 1	I' 51136 1	C' 10670 1	I' 43215 0	C' 10652 1	C' 10652 1
04,2670	C' 03626 0	I' 43414 1	C' 02675 1	I' 77614 1	C' 02747 1	C' 10660 0	I' 53575 0	C' 03570 0
04,2700	I' 77676 0	C' 00023 0	I' 53435 0	C' 03576 0	C' 00015 0	I' 53435 0	C' 00023 0	C' 24007 0
04,2710	C' 00001 0	I' 78521 0	C' 00007 0	C' 03405 0	I' 43414 1	C' 02475 0	I' 77160 0	C' 00002 0
04,2720	C' 00000 1	I' 77614 1	C' 04343 1	C' 10727 1	I' 77160 0	C' 00012 1	C' 00002 0	I' 66143 1
04,2730	C' 11635 1	C' 03745 1	C' 23752 0	C' 11627 1	I' 54214 1	C' 04343 1	C' 10740 0	C' 20607 1
04,2740	C' 03750 0	I' 43134 0	C' 03746 1	C' 01271 1	I' 77650 1	C' 73005 0	22007 0	34714 1
04,2750	53052 0	33101 1	04555 0	C' 20465 1	15423 0	12757 1	12751 1	53052 0
04,2760	00006 1	13070 1	52155 1	06006 1	I' 77634 0	C' 45713 0	C' 34041 0	C' 27036 1
04,2770	I' 63375 0	C' 00007 0	C' 00001 0	C' 02327 0	I' 63256 0	I' 53435 0	I' 77626 0	C' 61442 1



OCTAL LISTING FOR PARAGRAPH J 042, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

04,3000	C' 00015 0	C' 34041 0	C' 27022 1	I' 63375 0	C' 00007 0	C' 00001 0	I' 77725 1	C' 00015 0
04,3010	C' 24037 0	I' 41408 0	I' 83245 1	C' 02327 0	I' 72441 0	C' 02335 0	C' 28321 0	C' 00001 0
04,3020	I' 72441 0	C' 02335 0	C' 28323 1	C' 00007 0	I' 41456 0	I' 47235 0	C' 00001 0	C' 00023 0
04,3030	I' 53552 0	I' 77658 1	C' 24001 0	C' 00023 0	I' 74241 0	C' 00015 0	I' 77752 1	I' 53445 1
04,3040	I' 77658 1	I' 50208 0	C' 00001 0	I' 65552 0	C' 28325 1	I' 50235 0	C' 00001 0	I' 71244 0
04,3050	C' 11055 1	C' 11487 1	I' 77625 0	C' 02325 1	C' 02325 1	I' 47145 1	C' 00037 0	C' 45541 0
04,3060	C' 01052 1	I' 77776 1	33102 1	04555 0	C' 20465 1	15423 0	15423 0	12751 1
04,3070	58001 0	00008 1	13075 1	58001 0	12762 1	06006 1	I' 52034 1	C' 45505 0
04,3100	C' 10766 1	C' 01420 0	C' 01532 1	04555 0	C' 73726 0	03110 1	04555 0	C' 73741 1
04,3110	04555 0	C' 73746 0	33440 1	03427 0	33441 0	04555 0	C' 20763 1	14106 0
04,3120	13125 0	13114 1	38214 0	05415 1	15112 1	34715 0	55131 1	34712 1
04,3130	55132 1	33442 0	04555 0	C' 20763 1	14106 0	13142 1	13131 0	34710 0
04,3140	05415 1	15112 1	06006 1	I' 70535 0	C' 01133 1	I' 71230 0	C' 11154 1	C' 03656 1
04,3150	C' 02611 0	I' 77614 1	C' 01230 1	C' 11203 0	I' 43014 0	C' 01070 1	C' 00670 0	I' 77624 1
04,3160	C' 11382 0	I' 43214 1	C' 00470 1	C' 03413 1	C' 03656 1	C' 01046 1	I' 77776 1	33443 1
04,3170	04555 0	C' 20763 1	14106 0	13200 1	13167 0	36211 0	05415 1	15112 1
04,3200	33444 0	03427 0	06006 1	I' 45014 0	C' 04266 1	C' 10716 0	I' 77624 1	C' 11362 0
04,3210	I' 71214 0	C' 01350 0	C' 11232 1	C' 03656 1	C' 34041 0	C' 11413 1	I' 53575 0	C' 00001 0
04,3220	I' 47315 0	C' 00007 0	I' 60246 1	C' 00047 1	I' 56325 0	C' 02611 0	I' 77657 0	C' 20172 1
04,3230	C' 36613 0	C' 11238 0	I' 43345 1	C' 02611 0	C' 00037 0	C' 03656 1	I' 45345 1	C' 03656 1
04,3240	C' 02613 1	C' 02615 1	C' 34041 0	C' 11413 1	I' 77745 1	C' 03413 1	C' 03503 1	I' 77331 0
04,3250	C' 02371 0	C' 11255 0	C' 00001 0	I' 77624 1	C' 72547 1	I' 43014 0	C' 04346 1	C' 11266 0
04,3260	C' 01311 0	C' 11264 1	I' 77614 1	C' 00470 1	I' 77776 1	03313 0	I' 51575 1	C' 03646 0
04,3270	C' 26635 0	C' 03640 0	I' 51451 0	C' 03820 0	C' 26637 1	C' 03540 0	I' 45115 0	C' 03612 1
04,3300	C' 45312 0	I' 77624 1	C' 45422 1	C' 02641 0	I' 43014 0	C' 01311 0	C' 11310 0	C' 00470 1
04,3310	I' 77776 1	33445 1	03427 0	33446 1	03427 0	06006 1	I' 77214 0	C' 01287 0
04,3320	C' 03646 0	C' 37846 1	C' 73005 0	I' 52014 0	C' 04306 0	C' 11347 1	C' 11206 0	04555 0
04,3330	C' 73726 0	00006 1	31422 1	03340 0	04555 0	C' 73741 1	00006 1	31424 1
04,3340	53764 1	04555 0	C' 73746 0	06006 1	I' 45014 0	C' 04066 0	C' 10716 0	I' 43234 0
04,3350	C' 45505 0	C' 02364 1	C' 03413 1	C' 34041 0	C' 45354 1	I' 77624 1	C' 72522 1	I' 52145 0
04,3360	C' 02615 1	C' 11242 0	I' 71220 1	C' 02367 1	C' 03413 1	C' 34041 0	C' 45354 1	I' 53775 1
04,3370	C' 03554 0	C' 57176 0	C' 16657 1	C' 03754 1	I' 71406 0	C' 16734 0	I' 43156 1	C' 03466 0



OCTAL LISTING FOR PARAGRAPH J 044, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

05,2000	C' 77340 0	C' 32047 0	C' 24340 0	C' 32056 0	C' 14340 0	C' 32063 0	C' 03412 0	C' 03422 0
05,2010	C' 13414 1	C' 03427 0	C' 01245 0	C' 11162 1	C' 03025 0	C' 03231 1	C' 03702 1	C' 00007 0
05,2020	C' 00007 0	C' 00007 0	C' 25735 1	C' 32065 0	C' 00024 1	C' 32067 1	C' 24340 0	C' 32056 0
05,2030	C' 14340 0	C' 32063 0	C' 32076 1	C' 03743 1	C' 03753 0	C' 02610 1	C' 00106 0	C' 01336 0
05,2040	C' 03231 1	C' 01331 1	C' 32101 0	C' 13720 0	C' 00007 0	C' 00007 0	C' 77770 1	C' 76605 0
05,2050	C' 01174 1	C' 01176 0	C' 01200 1	C' 01202 0	C' 01204 0	C' 76607 1	C' 77743 1	C' 03133 0
05,2060	C' 03135 0	C' 03137 1	C' 77745 1	C' 07076 1	C' 70805 0	C' 20074 0	C' 52754 0	C' 76054 1
05,2070	C' 01725 0	C' 01727 1	C' 01731 0	C' 01733 1	C' 01642 0	C' 76056 0	C' 01432 0	C' 10372 0
05,2100	C' 73741 1	C' 03073 0	C' 03066 1	C' 07167 0	C' 13125 0	C' 05154 1	C' 01320 1	C' 34011 0
05,2110	C' 34013 1	C' 34030 0	C' 43745 0	C' 32047 0	C' 24340 0	C' 32056 0	C' 14340 0	C' 32063 0
05,2120	C' 03412 0	C' 00302 0	C' 17674 1	C' 17502 0	C' 06363 1	C' 02355 0	C' 13720 0	C' 25735 1
05,2130	C' 32065-0	C' 00024 1	C' 32067 1	C' 24340 0	C' 32056 0	C' 14340 0	C' 32063 0	C' 32076 1
05,2140	C' 12757 1	C' 00106 0	C' 01336 0	C' 02633 0	C' 01331 1	C' 32101 0	C' 52754 0	C' 32047 0
05,2150	C' 24340 0	C' 32056 0	C' 14340 0	C' 32063 0	C' 03412 0	C' 03422 0	C' 13414 1	C' 01151 0
05,2160	C' 17674 1	C' 01125 0	C' 03662 0	C' 03424 0	C' 02636 0	C' 00007 0	C' 00007 0	C' 03655 1
05,2170	C' 13404 0	C' 06320 0	C' 32065 0	C' 00024 1	C' 32067 1	C' 24340 0	C' 32056 0	C' 14340 0
05,2200	C' 32063 0	C' 32076 1	C' 03743 1	C' 03753 0	C' 02610 1	C' 13645 1	C' 01331 1	C' 32101 0
05,2210	C' 02324 0	C' 07400 1	C' 07766 1	C' 77071 1	C' 32047 0	C' 24340 0	C' 32056 0	C' 14340 0
05,2220	C' 32063 0	C' 07300 0	C' 03635 1	C' 24304 0	C' 14320 0	C' 04300 0	C' 03313 0	C' 13675 1
05,2230	C' 07400 1	C' 03265 0	C' 32065 0	C' 00024 1	C' 32284 0	C' 24340 0	C' 32056 0	C' 14340 0
05,2240	C' 07076 1	C' 13167 0	C' 07300 0	C' 24304 0	C' 14320 0	C' 03073 0	C' 03066 1	C' 03314 1
05,2250	C' 01331 1	C' 13125 0	C' 05154 1	C' 01320 1	C' 34011 0	C' 34013 1	C' 34030 0	C' 34032 1
05,2260	C' 01432 0	C' 10372 0	C' 00106 0	C' 74007 0	C' 76615 1	C' 01164 0	C' 01166 1	C' 03726 1
05,2270	C' 03724 0	C' 03766 0	C' 76532 1	C' 32047 0	C' 24340 0	C' 32056 0	C' 14340 0	C' 32063 0
05,2300	C' 27537 0	C' 27553 1	C' 27567 0	C' 02751 0	C' 00007 0	C' 00007 0	C' 00007 0	C' 32065 0
05,2310	C' 00024 1	C' 32337 1	C' 04340 1	C' 00007 0	C' 00007 0	C' 00007 0	C' 00007 0	C' 32056 0
05,2320	C' 14340 0	C' 32063 0	C' 32076 1	C' 02747 1	C' 00106 0	C' 12025 0	C' 00007 0	C' 01331 1
05,2330	C' 32101 0	C' 00007 0	C' 00007 0	C' 00007 0	C' 00007 0	C' 00007 0	C' 77770 1	C' 76672 0
05,2340	C' 01107 0	C' 76674 0	C' 02113 0	C' 02214 1	C' 02147 1	C' 02001 1	C' 02273 0	00004 0
05,2350	02767 0	12356 1	34675 1	05042 1	C' 77777 0	C' 77777 0	31036 0	74726 1
05,2360	64674 0	55036 1	34714 1	55365 1	54375 1	54376 1	54377 0	55154 1
05,2370	44603 1	55302 0	34714 1	55360 1	55362 0	55501 0	00006 1	01005 0



OCTAL LISTING FOR PARAGRAPH J 045, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

05,2400	00006 1	01008 0	00008 1	01011 0	00006 1	01012 0	00006 1	01013 1
05,2410	00006 1	01014 0	55318 0	54332 1	54371 0	55071 1	55130 0	55128 1
05,2420	55125 1	55044 1	41038 1	74728 1	10000 0	02431 0	34726 0	00008 1
05,2430	05012 1	02474 1	44714 0	55011 1	34371 0	54366 0	33167 1	55320 0
05,2440	37716 0	55303 1	33172 0	55331 0	34763 1	55321 1	00006 1	33146 1
05,2450	53313 0	00008 1	33175 1	52075 1	00006 1	33177 0	52077 0	00006 1
05,2460	33201 1	52101 0	00008 1	33203 0	52103 1	00006 1	33205 0	52105 1
05,2470	33206 0	54106 1	04574 0	C' 03225 1	00004 0	00006 1	34714 1	52755 1
05,2500	00006 1	34714 1	52761 0	00006 1	34714 1	52753 1	00006 1	34714 1
05,2510	52757 0	00006 1	34714 1	52763 1	00006 1	34714 1	52765 1	00002 0
05,2520	25154 0	22002 0	00006 1	04007 1	53433 0	02787 0	34364 1	71380 1
05,2530	00006 1	12533 1	12372 1	41380 1	00006 1	12552 0	61377 0	00006 1
05,2540	12542 1	12372 1	31374 0	54003 0	00006 1	31376 1	51377 0	52001 1
05,2550	34714 1	55380 1	34874 0	00006 1	03033 1	00006 1	12564 0	34875 1
05,2560	00006 1	02033 0	00006 1	12372 1	02744 1	30102 1	00006 1	74710 1
05,2570	76211 1	00006 1	50000 1	33146 1	53313 0	44875 0	70106 1	54106 1
05,2600	31331 1	73173 0	64704 0	55331 0	34705 1	71321 1	64763 1	55321 1
05,2610	33171 0	71038 1	64874 0	57038 0	74707 1	00006 1	12625 0	04633 0
05,2620	C' 16746 0	38211 0	05140 1	C' 02742 1	C' 16063 0	33155 0	71320 0	63170 1
05,2630	55320 0	40101 0	74704 1	10000 0	12657 0	34676 1	00006 1	05011 1
05,2640	12657 0	00004 0	02744 1	02777 1	43162 0	70106 1	54106 1	40102 0
05,2650	74105 0	00006 1	62657 1	34731 0	05140 1	C' 02660 0	C' 34066 0	34715 0
05,2660	54161 0	60000 1	00006 1	50000 1	30753 0	00006 1	06001 0	10000 0
05,2670	12737 1	12737 1	12737 1	10161 0	12660 1	54162 0	05247 0	00004 0
05,2700	30102 1	74105 0	00006 1	62712 1	34752 0	54003 0	04633 0	C' 45245 0
05,2710	34744 1	54003 0	34715 0	54161 0	60000 1	50000 1	10753 1	12721 0
05,2720	12728 1	54154 0	24154 1	24162 1	32743 0	04561 1	10161 0	12713 1
05,2730	10162 0	12472 0	34874 0	71011 1	00006 1	14106 0	12472 0	05537 0
05,2740	C' 01107 0	12372 1	C' 07777 1	C' 03520 0	34704 0	00006 1	02016 1	00006 1
05,2750	12764 1	34362 1	00006 1	02016 1	63166 0	00006 1	12765 0	00006 1
05,2760	00015 0	63166 0	00006 1	12765 0	00002 0	02767 0	12372 1	33156 0
05,2770	54335 0	34672 0	54026 1	67715 0	54027 0	67716 0	54030 0	33163 0

OCAL LISTING FOR PARAGRAPH J 048, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, B"b DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED aIa (INTERPRETIVE OPERATOR WORDS) OR aCb (CONSTANTS)

05,3000	00006 1	03011 1	33184 1	00008 1	03013 0	44875 0	70078 1	54076 1
05,3010	33185 0	54003 0	34873 1	55407 1	55408 0	55405 0	55404 1	55403 0
05,3020	55402 1	55401 1	55400 0	45173 0	55410 1	55412 0	55414 0	55416 1
05,3030	55420 1	55422 0	55424 0	55428 1	55430 0	45174 1	55411 0	55413 1
05,3040	55415 1	55417 0	55421 0	55423 1	55425 1	55427 0	55431 1	44714 0
05,3050	54187 0	54203 1	54217 1	54233 1	54247 1	54283 1	54277 1	55302 0
05,3060	54087 1	33180 0	54400 1	63181 1	54454 0	63181 1	54530 0	63181 1
05,3070	54804 1	63181 1	54860 0	34377 0	54154 0	44877 1	50154 1	55023 0
05,3100	10154 0	13074 0	55141 0	55142 0	55143 1	55144 0	55073 0	54045 1
05,3110	54778 0	55042 1	55013 0	55015 0	55012 1	55020 0	55021 1	55001 0
05,3120	55002 0	55043 0	55330 1	55322 1	55323 0	55324 1	55325 0	55304 0
05,3130	54100 1	34717 1	55018 0	34875 1	71044 1	55044 1	33157 1	55381 0
05,3140	44374 1	54777 1	00002 0	30001 0	15225 0	C' 03143 1	C' 12086 1	C' 02071 0
05,3150	C' 42088 1	C' 03185 0	C' 34088 0	C' 02785 1	C' 48088 0	C' 00435 0	C' 03351 0	C' 03334 0
05,3160	C' 00400 0	C' 00054 0	C' 20100 1	C' 77603 1	C' 74777 0	C' 01400 1	C' 77755 0	C' 37411 1
05,3170	C' 37000 0	C' 00450 0	C' 00130 0	C' 00430 0	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1
05,3200	C' 00000 1	C' 00200 0	C' 00000 1	C' 00100 0	C' 00000 1	C' 00000 1	C' 00000 1	34334 1
05,3210	55508 1	31468 1	74878 0	00008 1	13220 0	51508 0	33304 0	13230 1
05,3220	31473 0	60000 1	00008 1	51508 0	73328 1	20001 1	51508 0	63314 1
05,3230	51508 0	55511 1	11508 1	13210 0	11488 0	13243 0	13243 0	53522 1
05,3240	21513 0	33341 1	27520 0	34711 1	55508 1	55507 0	31474 1	63340 0
05,3250	60000 1	55510 0	00008 1	63258 0	37715 0	55508 1	51508 0	31518 1
05,3260	00008 1	71510 0	60000 1	51507 1	61511 0	51507 1	55470 1	11507 0
05,3270	13300 0	31488 1	74875 0	10000 0	31473 0	61474 1	55475 1	00002 0
05,3300	55507 0	00008 1	27508 1	13258 1	C' 00818 0	C' 02528 1	C' 02352 1	C' 01471 1
05,3310	C' 00834 0	C' 00612 1	C' 03708 0	C' 04425 0	C' 00844 1	C' 03710 1	C' 04248 0	C' 02011 0
05,3320	C' 77501 0	C' 00812 1	C' 04858 0	C' 10372 0	C' 77128 1	C' 76281 0	C' 00787 1	C' 15824 0
05,3330	C' 03054 0	C' 04532 1	C' 10433 1	C' 00000 1	C' 22070 0	C' 03204 1	C' 77288 0	C' 02478 0
05,3340	C' 70384 1	C' 75420 0	54018 1	00008 1	22012 1	34704 0	00008 1	05013 0
05,3350	00335 1	37718 0	54337 1	54338 0	33474 0	54335 0	13372 0	10338 0
05,3360	03507 0	C' 77753 0	13383 0	10337 1	13522 0	C' 74001 0	30334 0	00008 1
05,3370	83372 1	13377 0	50332 0	32342 0	54334 1	40332 1	13812 0	50334 0



OCTAL LISTING FOR PARAGRAPH J 050, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR A CA (CONSTANTS)

06,2000	54016 1	00008 1	22012 1	11302 0	12010 0	12007 0	12136 0	34716 0
06,2010	54070 1	55302 0	11036 1	02063 0	02063 0	57036 0	74372 1	55036 1
06,2020	64105 1	00008 1	01010 1	02071 0	55016 0	44714 0	54073 1	56776 1
06,2030	64713 0	54776 0	50776 1	11023 0	10776 0	12030 1	12047 1	C' 00012 1
06,2040	10073 1	C' 37764 0	55016 0	00002 0	54073 1	32037 1	12031 0	64712 1
06,2050	50776 1	55023 0	74372 1	54073 1	34364 1	50776 1	74072 1	60073 0
06,2060	00008 1	01010 1	16706 1	10101 0	34714 1	12132 1	11016 0	02024 0
06,2070	12132 1	42173 1	27302 0	37700 1	54027 0	31321 0	00006 1	06032 0
06,2100	74675 0	00008 1	12116 1	23321 0	00006 1	06001 0	55321 1	74675 0
06,2110	10000 0	12116 1	34371 0	05027 1	C' 03353 1	C' 60101 1	50070 0	12120 1
06,2120	12130 0	12765 0	12174 0	15222 1	12130 0	12765 0	12174 0	15222 1
06,2130	04633 0	C' 20000 0	00006 1	01010 1	32041 0	12074 1	34675 1	71302 0
06,2140	00006 1	12167 1	11016 0	02024 0	12154 1	44675 0	27302 0	37700 1
06,2150	54027 0	34702 0	27302 0	05222 0	00006 1	01010 1	37700 1	26027 0
06,2160	34702 0	27302 0	11302 0	05222 0	C' 37737 0	02156 1	05222 0	00006 1
06,2170	01010 1	34675 1	12146 1	C' 22400 0	31320 1	00006 1	06030 1	72743 1
06,2200	00008 1	12231 1	54070 1	23320 1	00006 1	06001 0	55320 0	44712 0
06,2210	56070 0	00008 1	62507 1	12215 1	64712 1	24070 0	60000 1	54000 0
06,2220	12215 1	56071 1	50070 0	34675 1	71320 0	50070 0	02737 0	10071 0
06,2230	12214 0	41320 0	74704 1	10000 0	12367 0	34703 1	71320 0	10000 0
06,2240	12244 0	34703 1	27320 0	12367 0	42757 1	71320 0	55320 0	74675 0
06,2250	10000 0	12342 1	41320 0	74702 1	10000 0	12260 0	05537 0	C' 00213 1
06,2260	02717 1	32764 0	05140 1	C' 02270 0	C' 14063 1	12367 0	32764 0	05161 1
06,2270	44711 0	71320 0	57320 1	74711 0	00006 1	12310 0	34675 1	71320 0
06,2300	00008 1	12266 0	40074 0	74703 0	10000 0	15213 0	04574 0	C' 17441 0
06,2310	34674 0	00008 1	05012 1	04633 0	C' 17070 0	05410 1	44722 0	00006 1
06,2320	03012 1	34700 1	05161 1	42754 1	71320 0	55320 0	44705 0	71321 1
06,2330	55321 1	02665 0	44674 1	00006 1	03012 1	34740 0	05140 1	C' 03056 1
06,2340	C' 16063 0	15213 0	34707 0	00006 1	02012 0	10000 0	12367 0	34703 1
06,2350	70074 0	10000 0	12367 0	02730 1	04633 0	C' 17070 0	34706 1	00006 1
06,2360	05012 1	05410 1	34705 1	05140 1	C' 02315 1	C' 14062 0	12367 0	31321 0
06,2370	74763 0	54001 1	34763 1	00006 1	03033 1	00006 1	06001 0	00006 1



OCTAL LISTING FOR PARAGRAPH J 051, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

06,2400	12427 0	54070 1	23321 0	00008 1	06001 0	55321 1	34714 1	58070 0
06,2410	60000 1	12414 0	64712 1	24070 0	60000 1	54000 0	12413 1	58071 1
06,2420	50070 0	34678 1	71321 1	50070 0	02745 0	10071 0	12412 0	10034 1
06,2430	12434 1	12460 0	12434 1	12460 0	62505 0	00008 1	62457 0	62508 0
06,2440	00008 1	62455 1	34707 0	00008 1	02012 0	10000 0	12455 0	04633 0
06,2450	C' 16746 0	36211 0	05140 1	C' 02742 1	C' 16363 0	34705 1	12460 0	34714 1
06,2460	61036 0	74705 0	00008 1	15222 1	71038 1	10000 0	12502 0	34705 1
06,2470	71320 0	10000 0	15222 1	41036 1	74705 0	64874 0	57036 0	72164 1
06,2500	27036 1	15222 1	02750 1	15222 1	12473 1	C' 63434 1	C' 75252 0	74672 1
06,2510	54071 0	11320 0	12520 0	12520 0	34707 0	00008 1	05011 1	12227 0
06,2520	02750 1	12227 0	44707 1	00008 1	03011 1	12227 0	34711 1	71320 0
06,2530	10000 0	12227 0	34675 1	71320 0	00008 1	12551 0	34674 0	00008 1
06,2540	02012 0	00008 1	12544 1	12227 0	34711 1	27320 0	05537 0	C' 00207 1
06,2550	12227 0	41320 0	74704 1	27320 0	12227 0	10000 0	12354 0	42762 1
06,2560	00008 1	03014 1	42756 0	00008 1	03012 1	44676 0	00008 1	03011 1
06,2570	02725 0	04633 0	C' 16777 1	44714 0	54050 0	54051 1	54052 1	54047 0
06,2600	42761 1	00008 1	03014 1	12227 0	00008 1	12625 0	41321 1	74705 0
06,2610	27321 1	04633 0	C' 16777 1	42757 1	70074 0	56074 1	40000 0	74703 0
06,2620	10000 0	12227 0	05537 0	C' 00214 0	12227 0	34711 1	71320 0	10000 0
06,2630	12227 0	12551 0	10000 0	34701 0	57320 1	72763 0	27320 0	02665 0
06,2640	41320 0	74712 0	10000 0	12425 1	31320 1	72760 0	10000 0	12425 1
06,2650	05537 0	C' 00212 0	12425 1	10000 0	12425 1	05537 0	C' 01105 1	12425 1
06,2660	10000 0	12425 1	05537 0	C' 01106 1	12425 1	34720 0	71320 0	00008 1
06,2670	74701 1	31320 1	00008 1	04001 1	40000 0	74762 1	10000 0	12710 1
06,2700	34712 1	71321 1	10000 0	00002 0	44712 0	00008 1	03011 1	00002 0
06,2710	00008 1	22066 1	05651 0	34712 1	00008 1	05011 1	00066 1	47703 0
06,2720	00008 1	03012 1	34722 1	00008 1	05012 1	41036 1	72753 0	27036 1
06,2730	41320 0	72755 0	27320 0	41321 1	74705 0	27321 1	00002 0	12526 0
06,2740	12665 1	12665 1	12555 1	C' 76400 1	12604 0	12632 0	12653 1	12660 1
06,2750	41321 1	74712 0	13065 0	C' 40010 1	C' 00054 0	C' 00075 0	C' 00272 0	C' 00300 1
06,2760	C' 01720 0	C' 00740 1	C' 77000 1	C' 76777 1	C' 21450 0	31331 1	00008 1	06030 1
06,2770	74704 1	54070 1	10000 0	03224 0	11303 1	13001 1	13001 1	13001 1

OCTAL LISTING FOR PARAGRAPH J 052, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED *AI* (INTERPRETIVE OPERATOR WORDS) OR *ACA* (CONSTANTS)

06,3000	15222 1	31331 1	00008 1	06033 1	74722 0	26070 1	23331 1	00006 1
06,3010	06001 0	55331 0	40000 0	74722 0	00008 1	13022 0	74706 0	10000 0
06,3020	03022 1	37716 0	55314 1	11315 0	03125 1	03077 1	03027 1	11314 1
06,3030	03047 1	03037 0	03057 0	03154 1	11317 1	03153 0	03157 1	03057 0
06,3040	03154 1	05537 0	C' 00118 1	34717 1	55316 0	03070 0	03154 1	03057 0
06,3050	03115 1	05537 0	C' 00118 1	03070 0	03112 0	34702 0	13064 1	34712 1
06,3060	71331 0	10000 0	05222 0	34710 0	71331 0	10000 0	24002 0	00002 0
06,3070	46211 1	71331 0	55331 0	44712 0	00008 1	03012 1	00002 0	11314 1
06,3100	03112 0	03107 1	11316 0	03105 0	03151 1	03216 1	03154 1	11316 0
06,3110	55316 0	03154 1	34714 1	55316 0	55317 1	03055 1	03154 1	34712 1
06,3120	55303 1	34711 1	00008 1	05012 1	03154 1	11314 1	03154 1	03133 0
06,3130	34705 1	55317 1	03216 1	11303 1	03140 1	03140 1	03137 1	03154 1
06,3140	37716 0	55303 1	44711 0	00006 1	03012 1	41331 0	74702 1	27331 0
06,3150	03154 1	03216 1	34705 1	55317 1	31314 0	55315 0	05222 0	34712 1
06,3160	00006 1	05012 1	34112 1	05140 1	C' 03172 0	C' 14062 0	41331 0	74712 0
06,3170	27331 0	03154 1	03210 1	44712 0	00006 1	03012 1	34112 1	05161 1
06,3200	41331 0	74701 1	27331 0	44716 1	71331 0	55331 0	03224 0	05213 1
06,3210	34714 1	54036 0	55307 0	43261 0	54035 0	00002 0	34714 1	55316 0
06,3220	41331 0	78211 1	27331 0	00002 0	34704 0	00008 1	02030 0	10000 0
06,3230	13252 0	34711 1	71331 0	10000 0	00002 0	34703 1	61036 0	74703 0
06,3240	00006 1	18711 1	54001 1	31038 0	00008 1	06001 0	74672 1	64674 0
06,3250	55036 1	00002 0	34712 1	71321 1	10000 0	00002 0	34703 1	71036 1
06,3260	13240 0	C' 16037 1	33516 0	56003 1	54163 1	11477 0	13271 1	13271 1
06,3270	13407 0	00004 0	34710 0	54132 0	50132 1	31453 1	00006 1	50132 1
06,3300	71162 1	54002 1	30001 0	00006 1	74705 0	50132 1	55163 0	30002 0
06,3310	00006 1	74705 0	50132 1	21163 0	50132 1	41452 1	00006 1	71074 1
06,3320	00006 1	74712 0	50132 1	21163 0	10132 0	67716 0	13273 0	13330 0
06,3330	00003 1	55477 0	54130 1	00006 1	41163 0	52155 1	31463 1	03412 0
06,3340	00006 1	41165 0	52155 1	41466 0	03412 0	41460 0	03441 0	00006 1
06,3350	41165 0	52155 1	31464 0	03412 0	00006 1	41167 1	52155 1	41467 1
06,3360	03412 0	41461 1	03441 0	00006 1	41165 0	52155 1	31470 0	03412 0
06,3370	00006 1	41167 1	52155 1	31465 1	03412 0	31462 0	03441 0	11477 0



OCTAL LISTING FOR PARAGRAPH J 054, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY
 ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

07,2000	C' 03874 1	C' 03725 1	00004 0	54070 1	36211 0	71044 1	10000 0	02013 1
07,2010	34711 1	27044 1	02015 1	05604 0	C' 01211 1	10400 1	02031 1	10454 0
07,2020	02031 1	10530 0	02031 1	10604 1	02031 1	10660 0	02031 1	05604 0
07,2030	C' 01207 0	64711 1	55330 1	50000 1	54052 1	34714 1	51330 0	53777 0
07,2040	05253 0	C' 00065 1	12044 1	14570 0	05253 0	C' 00066 1	12050 1	14570 0
07,2050	34677 0	00006 1	70070 1	56001 0	27330 1	37667 1	05027 1	C' 02346 1
07,2060	C' 16062 1	00003 1	14570 0	34714 1	57330 0	10000 0	50000 1	54000 0
07,2070	00004 0	44702 1	71331 0	55331 0	37716 0	55303 1	44711 0	00006 1
07,2100	03012 1	00003 1	04570 1	54016 1	30035 1	54362 1	30036 1	54360 0
07,2110	30033 1	54357 1	30034 0	54361 1	30032 0	54363 0	00006 1	30025 0
07,2120	52356 0	00006 1	30356 1	52014 0	56002 0	54012 0	34705 1	00006 1
07,2130	02016 1	10000 0	02427 1	34704 0	00006 1	02016 1	10000 0	02300 0
07,2140	34362 1	00006 1	02016 1	00006 1	12147 0	04574 0	C' 17622 1	05537 0
07,2150	C' 00113 1	05222 0	34675 1	70076 1	00006 1	12167 1	36211 0	05475 1
07,2160	C' 01725 0	C' 01734 0	38211 0	05475 1	C' 00355 1	C' 01725 0	15213 0	11330 1
07,2170	02224 1	34711 1	71044 1	00006 1	12216 1	34677 0	70101 0	00006 1
07,2200	12216 1	34754 0	05027 1	C' 02405 1	C' 76067 1	36211 0	05475 1	C' 00355 1
07,2210	C' 01674 0	36211 0	05475 1	C' 00355 1	C' 01725 0	15213 0	05537 0	C' 00122 0
07,2220	15213 0	05537 0	C' 00114 0	15213 0	67711 1	00006 1	62221 1	55330 1
07,2230	40000 0	74701 1	27330 1	74741 0	54061 1	50000 1	56052 0	54062 1
07,2240	64716 0	50061 0	54052 1	00006 1	30356 1	50062 0	52001 1	30357 0
07,2250	50062 0	54002 1	30360 1	50062 0	54003 0	30361 0	50062 0	54004 1
07,2260	30362 0	50062 0	54005 0	30363 1	50062 0	54006 0	37671 0	71330 1
07,2270	00006 1	12273 1	15213 0	37667 1	05027 1	C' 02421 1	C' 16062 1	15213 0
07,2300	34675 1	70076 1	00006 1	12307 0	37716 0	55725 1	05222 0	11330 1
07,2310	02314 0	05537 0	C' 00112 0	05222 0	44701 1	71330 1	57330 0	74701 1
07,2320	10000 0	02325 1	05537 0	C' 00110 1	05222 0	34741 1	71330 1	54061 1
07,2330	44716 1	50061 0	26052 1	34677 0	61330 0	57330 0	77671 1	10000 0
07,2340	05222 0	37667 1	05027 1	C' 02346 1	C' 16062 1	05222 0	04555 0	C' 20464 0
07,2350	32428 0	04555 0	C' 20476 0	12356 1	12367 0	12415 1	05425 1	05253 0
07,2360	C' 00003 1	12363 1	02365 0	04574 0	C' 30176 1	05435 0	C' 00032 0	34741 1
07,2370	71330 1	55330 1	40000 0	51330 0	60052 0	00006 1	62402 0	00006 1

OCTAL LISTING FOR PARAGRAPH J 055, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A''A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED BIA (INTERPRETIVE OPERATOR WORDS) OR BCA (CONSTANTS)

07,2400	74677 1	64712 1	51330 0	54052 1	00004 0	34715 0	05140 1	C' 02412 1
07,2410	C' 16062 1	05423 1	34712 1	04633 0	C' 17487 1	37671 0	71330 1	10000 0
07,2420	12346 0	34333 0	55045 0	32425 0	12351 0	C' 14431 1	C' 14600 1	11341 1
07,2430	12433 0	12433 0	34714 1	64712 1	05140 1	C' 02203 1	C' 20067 1	15222 1
07,2440	I' 40220 0	C' 02370 1	C' 00001 0	I' 73150 1	C' 03745 1	C' 03746 1	I' 53775 1	C' 03640 0
07,2450	C' 57176 0	C' 22746 1	C' 11633 1	I' 53715 1	C' 03632 0	C' 57176 0	I' 64646 1	C' 11631 0
07,2460	I' 47515 0	C' 02746 0	I' 57301 1	C' 00047 1	I' 53605 1	C' 00003 1	C' 21576 0	I' 77621 1
07,2470	C' 11506 1	I' 65301 0	C' 00047 1	I' 56362 0	I' 41457 1	C' 20174 1	I' 75542 0	I' 77605 1
07,2500	I' 65301 0	C' 00047 1	I' 56342 1	I' 53605 1	C' 03752 1	C' 20201 0	I' 60325 0	C' 11520 0
07,2510	C' 00047 1	I' 56325 0	I' 77657 0	C' 20176 0	C' 37754 0	C' 02370 1	00004 0	41036 1
07,2520	74726 1	10000 0	12526 0	05537 0	C' 00206 0	13461 0	03455 0	41321 1
07,2530	74730 0	27321 1	41320 0	75656 0	27320 0	44726 1	00006 1	03012 1
07,2540	03070 0	34706 1	00006 1	05012 1	05410 1	34705 1	05140 1	C' 02561 1
07,2550	C' 16103 1	41320 0	74702 1	10000 0	12557 0	05537 0	C' 00210 1	00003 1
07,2560	14570 0	03443 1	05410 1	44706 0	00006 1	03012 1	34700 1	05161 1
07,2570	03443 1	45656 0	71320 0	55320 0	44730 0	71321 1	55321 1	04633 0
07,2600	C' 14665 1	13433 1	00004 0	03455 0	02746 0	36211 0	05140 1	C' 02612 0
07,2610	C' 16103 1	12557 0	03443 1	34705 1	00006 1	05012 1	34711 1	55474 0
07,2620	51474 1	31155 1	00006 1	51474 1	20032 1	00006 1	74676 0	56001 0
07,2630	60000 1	54061 1	12634 0	26001 1	51474 1	23471 1	11474 0	02617 0
07,2640	34711 1	05161 1	03443 1	54061 1	34711 1	55474 0	51474 1	11471 0
07,2650	02654 1	02663 0	02721 1	02663 0	63544 1	00006 1	62731 0	51474 1
07,2660	55471 0	43545 1	24061 0	64713 0	51474 1	54050 0	11474 0	02645 1
07,2670	10061 1	12735 0	05156 0	C' 00226 1	34711 1	54061 1	50000 1	30032 0
07,2700	00006 1	50061 0	21155 0	10000 0	12712 0	12707 1	12712 0	10061 1
07,2710	12675 0	13433 1	62720 0	00006 1	62707 0	05537 0	C' 00211 0	13441 1
07,2720	C' 77511 1	63544 1	00006 1	62731 0	40000 0	51474 1	55471 0	33545 0
07,2730	02662 1	34714 1	51474 1	57471 1	02662 1	37707 0	00006 1	05014 1
07,2740	33546 0	12641 1	34705 1	00006 1	05012 1	05213 1	34707 0	00006 1
07,2750	02012 0	10000 0	00002 0	44705 0	00006 1	03012 1	44701 1	00006 1
07,2760	03014 1	44714 0	54047 0	34707 0	00006 1	05012 1	41036 1	73011 0
07,2770	27036 1	41321 1	74705 0	27321 1	41320 0	74707 1	27320 0	44706 0



OCTAL LISTING FOR PARAGRAPH J 056, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

07,3000	70075 1	54075 1	44874 1	70078 1	54078 1	44878 0	70077 0	54077 0
07,3010	00002 0	C' 40010 1	00004 0	03455 0	43543 1	00008 1	03012 1	44705 0
07,3020	71321 1	55321 1	03070 0	34701 0	05140 1	C' 03038 1	C' 16103 1	34735 1
07,3030	05140 1	C' 03034 0	C' 16103 1	12557 0	03443 1	13433 1	03450 0	15213 0
07,3040	34707 0	00008 1	02012 0	10000 0	15213 0	41320 0	74878 0	27320 0
07,3050	44707 1	71320 0	55320 0	04833 0	C' 14885 1	15213 0	03450 0	15213 0
07,3060	41320 0	74701 1	27320 0	41321 1	74878 0	27321 1	44708 0	13051 1
07,3070	43011 0	71038 1	64874 0	55038 1	00002 0	44714 0	54037 1	54040 1
07,3100	54041 0	03450 0	14570 0	00004 0	44712 0	71320 0	55320 0	04633 0
07,3110	C' 14885 1	12557 0	00004 0	41320 0	74712 0	27320 0	74701 1	10000 0
07,3120	12557 0	05537 0	C' 00212 0	00004 0	13107 0	54181 0	03455 0	11304 0
07,3130	03171 0	54158 1	34705 1	00008 1	05014 1	34710 0	05140 1	C' 03207 1
07,3140	C' 16103 1	30161 1	58003 1	56181 1	55304 0	74373 0	54081 1	34711 1
07,3150	54157 0	60000 1	60081 0	54180 1	00008 1	50000 1	31401 0	52155 1
07,3160	07228 0	52155 1	50160 0	53401 1	10157 0	13150 1	30181 1	54003 0
07,3170	12557 0	00008 1	30134 1	52155 1	33208 0	15070 1	11304 0	13174 1
07,3200	54158 1	00008 1	30155 0	52134 0	34712 1	13138 1	C' 17178 1	43430 1
07,3210	00008 1	03014 1	03443 1	31304 1	00008 1	74707 1	50000 1	13220 0
07,3220	03235 0	C' 00202 1	03235 0	C' 00302 0	03233 0	C' 00100 0	34714 1	55304 0
07,3230	33208 0	05074 1	13034 1	44710 1	27304 0	50002 0	30000 1	54084 1
07,3240	74716 1	64878 1	27304 0	54003 0	74373 0	54081 1	44718 1	70084 1
07,3250	54084 1	00008 1	50081 0	31401 0	52071 0	10070 1	13271 1	13261 0
07,3260	13411 1	10071 0	13288 1	13213 0	13408 1	13213 0	83322 1	00006 1
07,3270	63213 1	00008 1	33432 1	20071 0	30084 0	00008 1	05014 1	36043 0
07,3300	70071 0	58071 1	00008 1	74703 0	54082 1	30070 0	00008 1	74702 1
07,3310	54070 1	30001 0	00008 1	74875 0	28082 1	00008 1	30071 1	67716 0
07,3320	10000 0	13345 1	C' 77801 0	13327 0	34875 1	28082 1	34714 1	50081 0
07,3330	53401 1	30082 0	54047 0	00008 1	74701 1	66214 0	05140 1	C' 03207 1
07,3340	C' 16103 1	34701 0	00008 1	05014 1	15213 0	50081 0	53401 1	34875 1
07,3350	60082 0	54047 0	00008 1	74701 1	67714 1	05140 1	C' 03381 0	C' 16103 1
07,3360	13341 0	03443 1	34707 0	00008 1	02012 0	10000 0	13441 1	31304 1
07,3370	54003 0	74373 0	54061 1	50081 0	11400 0	13401 0	34875 1	28047 0



OCTAL LISTING FOR PARAGRAPH J 060, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

10,2000	30036 1	54001 1	10000 0	67707 0	12006 1	12003 1	00008 1	62016 1
10,2010	31307 1	00006 1	12014 1	12020 0	56001 0	12017 1	34714 1	55307 0
10,2020	11303 1	02025 1	02025 1	05222 0	05222 0	31314 0	00006 1	65222 0
10,2030	34701 0	71331 0	10000 0	02036 0	05537 0	C' 00120 1	34711 1	00006 1
10,2040	02012 0	00006 1	12175 1	34712 1	55303 1	00006 1	12132 1	51303 0
10,2050	31160 1	00006 1	51303 0	20035 0	00006 1	74676 0	56001 0	60000 1
10,2060	54061 1	12063 1	26001 1	51303 0	23305 0	11303 1	12044 1	54061 1
10,2070	10036 0	64673 1	12074 1	12071 1	00006 1	62122 1	31307 1	00006 1
10,2100	12122 0	74674 1	54001 1	31306 0	74674 1	00006 1	06001 0	10000 0
10,2110	12122 0	11161 1	64673 1	12115 1	12112 0	00006 1	62120 0	12122 0
10,2120	41306 1	55306 1	34712 1	55303 1	50000 1	11305 1	02144 1	02151 0
10,2130	02161 0	02151 0	40035 0	61160 1	54002 1	02047 0	10000 0	34672 0
10,2140	02142 1	44672 1	54001 1	02063 0	62202 0	00006 1	62166 1	42201 1
10,2150	24061 0	64713 0	51303 0	54053 0	11303 1	02123 0	10061 1	12171 0
10,2160	05222 0	62202 0	00006 1	62166 1	32201 0	12150 0	51303 0	57305 0
10,2170	12150 0	34755 1	00006 1	05014 1	05222 0	34711 1	00006 1	05012 1
10,2200	05222 0	C' 77532 0	C' 77533 1	31341 0	00006 1	62216 0	44712 0	54354 1
10,2210	30363 1	02220 0	30357 0	02220 0	30361 0	02220 0	04633 0	C' 16152 0
10,2220	24354 0	00006 1	50354 0	20032 1	10000 0	12231 1	00002 0	12231 1
10,2230	00002 0	67715 0	00006 1	62230 1	05537 0	C' 00121 0	15213 0	I' 43414 1
10,2240	C' 04756 1	C' 20242 1	I' 53775 1	C' 01521 0	C' 57605 0	I' 53655 1	C' 01535 0	C' 57576 1
10,2250	C' 25171 1	C' 01527 0	I' 53257 1	C' 57602 1	C' 01543 1	I' 77657 0	C' 57576 1	C' 15177 1
10,2260	C' 01517 0	C' 01205 1	I' 77616 0	I' 53775 1	C' 01521 0	C' 57605 0	I' 53655 1	C' 01535 0
10,2270	C' 57576 1	C' 25722 1	C' 01527 0	I' 53257 1	C' 57602 1	C' 01543 1	I' 77657 0	C' 57576 1
10,2300	C' 01730 1	I' 77616 0	I' 67201 0	C' 00001 0	C' 03012 1	I' 41542 1	I' 65346 0	I' 65356 1
10,2310	C' 03316 0	I' 74346 0	C' 03550 1	I' 73525 1	C' 03316 0	I' 53361 0	C' 03556 1	I' 77772 0
10,2320	C' 02722 1	I' 76435 1	C' 03542 1	I' 65361 0	I' 53361 0	C' 03542 1	I' 77772 0	C' 02714 1
10,2330	I' 76435 1	C' 02722 1	C' 26730 1	C' 01736 1	C' 26672 0	C' 01744 1	C' 26700 1	C' 01752 0
10,2340	C' 02706 1	I' 52014 0	C' 00260 0	C' 47244 0	00004 0	52071 0	34371 0	05027 1
10,2350	C' 03435 0	C' 60102 1	52071 0	00003 1	52006 0	22073 0	30065 1	74716 1
10,2360	60000 1	54061 1	30065 1	74765 0	00006 1	74677 1	54062 1	30065 1
10,2370	74105 0	56065 1	74761 1	10000 0	15315 1	30062 0	50061 0	54751 0



OCAL LISTING FOR PARAGRAPH J 061, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALUED WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ABA (CONSTANTS)

10,2400	10066 0	12415 1	12403 0	40072 0	22072 1	50071 1	52751 0	10066 0
10,2410	12411 0	12415 1	40025 1	50071 1	55051 0	10065 0	12431 1	12434 1
10,2420	40025 1	50061 0	55051 0	30065 1	62427 1	10000 0	12427 0	C' 17777 0
10,2430	12434 1	00006 1	30025 0	53136 0	40062 1	50061 0	54750 1	30002 0
10,2440	22073 0	00003 1	52006 0	22073 0	30082 0	50061 0	54751 0	30070 0
10,2450	50061 0	55052 0	00006 1	30064 0	50061 0	53435 0	12400 0	05425 1
10,2460	13547 0	54155 1	34674 0	12628 0	34714 1	54155 1	33157 1	12626 0
10,2470	54155 1	33646 0	12626 0	54155 1	33633 1	12626 0	54155 1	33634 0
10,2500	12626 0	54155 1	34674 0	12604 0	54155 1	33157 1	12765 0	54155 1
10,2510	33646 0	12765 0	54155 1	33633 1	12765 0	34712 1	03063 1	30100 0
10,2520	73647 0	10000 0	12560 1	30100 0	74702 1	00006 1	12530 1	15112 1
10,2530	00004 0	44715 1	70100 1	64712 1	54100 1	00003 1	41070 0	74706 0
10,2540	10000 0	12544 1	40370 1	54370 1	34712 1	12744 0	30165 0	54156 1
10,2550	50164 1	33657 0	54162 0	50164 1	31067 1	54160 1	54003 0	00002 0
10,2560	30100 0	73402 0	10000 0	13602 1	40100 1	74710 1	00004 0	26100 1
10,2570	12662 0	30370 0	74160 0	13246 0	54155 1	34714 1	12626 0	54155 1
10,2600	34705 1	12626 0	54155 1	34714 1	54160 1	34714 1	12767 1	34714 1
10,2610	54155 1	33632 0	12626 0	54155 1	33632 0	12765 0	54155 1	34675 1
10,2620	12626 0	54155 1	34675 1	12604 0	54155 1	34707 0	54160 1	03050 1
10,2630	00003 1	12674 1	54155 1	33651 0	12765 0	54155 1	33651 0	12626 0
10,2640	34714 1	54164 0	03522 1	12650 1	30100 0	73670 1	10000 0	12723 1
10,2650	30100 0	75612 0	00006 1	12656 1	34714 1	13122 1	30100 0	73666 0
10,2660	00006 1	12664 0	34712 1	13122 1	03062 0	03333 1	05074 1	03350 1
10,2670	30025 0	55147 0	34714 1	12744 0	30167 1	77674 1	54163 1	37670 1
10,2700	05103 0	30160 0	73650 0	10000 0	12640 0	12707 1	12515 0	34711 1
10,2710	54164 0	03522 1	12725 1	41071 1	74707 1	10000 0	12725 1	30100 0
10,2720	73641 0	00006 1	12725 1	05622 1	C' 01502 1	03064 0	30163 0	00006 1
10,2730	04007 1	54368 0	30100 0	73642 0	10000 0	13102 0	12740 1	13102 0
10,2740	03333 1	05074 1	03350 1	34711 1	54164 0	13216 0	54155 1	37703 1
10,2750	12626 0	55045 0	33624 1	54155 1	33623 0	12626 0	54155 1	33627 1
10,2760	12626 0	03043 0	12626 0	54155 1	34707 0	54160 1	36214 0	00004 0
10,2770	54072 0	30167 1	77674 1	54063 0	30160 0	74707 1	10000 0	13005 0

OCTAL LISTING FOR PARAGRAPH J 082, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR aCb (CONSTANTS)

10,3000	30063 1	05027 1	C' 02874 0	C' 20107 0	13013 1	30006 1	00006 1	04007 1
10,3010	54001 1	33865 1	05053 1	03050 1	00006 1	30156 0	50064 0	52156 1
10,3020	00006 1	30160 0	50064 0	52160 1	30064 0	54161 0	03055 1	00003 1
10,3030	14577 1	55045 0	33624 1	54155 1	33623 0	12765 0	54155 1	33627 1
10,3040	12765 0	03043 0	12765 0	55131 1	33630 1	54155 1	33631 0	00002 0
10,3050	00004 9	43640 1	70160 1	60003 1	54160 1	22002 0	04604 1	54157 0
10,3060	60072 1	00001 0	34714 1	54164 0	00004 0	30160 0	50164 1	55067 0
10,3070	73656 0	00006 1	13076 1	30157 1	50164 1	54372 0	30155 0	50164 1
10,3100	54367 1	13357 1	50164 1	33657 0	73106 1	07717 1	C' 03004 0	44712 0
10,3110	60164 1	54154 0	50154 1	33636 1	00004 0	05074 1	03350 1	50154 1
10,3120	33636 1	15070 1	54154 0	03333 1	05074 1	30154 1	50064 0	54154 0
10,3130	33143 1	03351 0	50154 1	33660 1	73662 1	07735 1	C' 74004 0	50154 1
10,3140	34706 1	64710 0	07717 1	C' 03112 0	30100 0	74710 1	10000 0	02530 0
10,3150	12664 0	34714 1	54160 1	50160 0	33652 0	64710 0	07735 1	C' 40010 1
10,3160	50160 0	33636 1	00004 0	05074 1	13463 1	31071 0	54003 0	30366 1
10,3170	04666 0	77674 1	05103 0	46214 1	60374 1	14577 1	00003 1	31072 0
10,3200	54156 1	30100 0	77707 1	10000 0	13207 0	13617 0	12530 1	05435 0
10,3210	C' 00105 0	34675 1	70100 1	10000 0	12672 1	12743 1	02550 0	30160 0
10,3220	74716 1	54001 1	44676 0	50164 1	71067 0	50164 1	55067 0	74703 0
10,3230	54141 1	30156 0	54165 1	55072 1	50164 1	10367 1	13245 0	13361 1
10,3240	40370 1	54370 1	76043 1	63643 0	60141 0	64712 1	04171 1	13373 1
10,3250	04447 1	02546 1	05447 0	C' 00102 1	05447 0	C' 00103 0	05447 0	C' 00104 1
10,3260	30160 0	04271 1	13216 0	34706 1	70160 1	10000 0	13311 0	34707 0
10,3270	70160 1	10000 0	13406 1	40160 1	74705 0	10000 0	13303 0	50164 1
10,3300	30372 1	54157 0	13501 1	50164 1	30387 0	76043 1	00006 1	13406 1
10,3310	15112 1	30160 0	74676 0	10000 0	13267 0	34676 1	50164 1	27067 0
10,3320	22007 0	00006 1	62571 0	74677 1	00006 1	13331 1	41145 1	63667 0
10,3330	13246 0	33626 0	13246 0	44706 0	00006 1	03011 1	30100 0	73644 0
10,3340	10000 0	34712 1	54001 1	34714 1	50001 0	57042 0	00004 0	00002 0
10,3350	34233 1	56064 0	00006 1	63357 0	56064 0	50064 0	54164 0	00003 1
10,3360	00002 0	37667 1	05042 1	C' 04245 0	C' 04100 1	13407 0	30100 0	73414 1
10,3370	00006 1	12723 1	15112 1	11042 1	15112 1	13377 0	15112 1	30162 1



OCAL LISTING FOR PARAGRAPH J 064, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ABA (CONSTANTS)

11,2000	I' 77614 1	C' 00475 1	I' 44175 1	C' 03415 1	C' 01340 1	C' 03604 0	I' 46135 1	C' 03747 0
11,2010	C' 22022 1	I' 72575 0	C' 03570 0	C' 27570 0	C' 03576 0	I' 77752 1	C' 27578 0	C' 03604 0
11,2020	I' 77752 1	C' 03604 0	I' 71331 0	C' 03505 1	C' 77776 1	I' 70546 1	C' 17620 1	I' 67154 0
11,2030	C' 00154 1	C' 02703 1	I' 77775 1	C' 03570 0	C' 26657 1	C' 03604 0	C' 16665 0	C' 03423 1
11,2040	C' 02873 1	I' 77201 1	C' 00001 0	C' 03570 0	I' 41456 0	I' 53435 0	C' 03578 0	C' 26676 1
11,2050	C' 03604 0	I' 50256 0	I' 43015 1	C' 03630 1	C' 03665 1	C' 03630 1	I' 43044 0	C' 22101 1
11,2060	C' 03465 0	I' 41575 0	C' 02665 0	I' 63246 1	I' 46208 1	C' 02676 1	I' 51352 1	I' 74256 0
11,2070	I' 77772 0	C' 02665 0	I' 67351 1	C' 11456 0	C' 03505 1	I' 77244 0	C' 22101 1	C' 02665 0
11,2100	C' 03604 0	I' 63345 0	C' 27736 0	C' 02665 0	I' 63256 0	C' 02657 1	I' 41456 0	I' 57435 1
11,2110	C' 00003 1	I' 77608 1	I' 71350 1	C' 03745 1	C' 00023 0	I' 62040 1	C' 22120 1	C' 77787 1
11,2120	I' 67310 1	C' 00012 1	C' 00047 1	I' 77230 0	C' 22126 1	I' 41476 1	I' 77775 1	I' 50235 0
11,2130	I' 71244 0	C' 22133 0	I' 41476 1	I' 67154 0	C' 00000 1	C' 02674 0	I' 45150 1	C' 03745 1
11,2140	C' 25215 0	I' 77214 0	C' 00675 0	C' 02746 0	C' 17812 1	C' 02704 0	I' 45030 0	C' 22224 0
11,2150	C' 27371 1	I' 43135 1	C' 03747 0	C' 00263 0	I' 43030 0	C' 22157 1	C' 00063 1	I' 77775 1
11,2160	C' 03570 0	C' 02657 1	C' 25535 0	C' 03612 1	C' 15543 1	C' 03503 1	C' 01517 0	I' 43015 1
11,2170	C' 03423 1	C' 01673 1	C' 34041 0	C' 27066 1	I' 77775 1	C' 00025 0	C' 02705 1	I' 63154 1
11,2200	C' 03504 0	C' 00001 0	I' 55134 1	C' 03504 0	C' 02703 1	I' 46135 1	C' 00050 1	C' 22221 0
11,2210	I' 52375 1	C' 03604 0	C' 00017 1	I' 77855 1	C' 02665 0	C' 16665 0	C' 03630 1	I' 77650 1
11,2220	C' 22056 1	I' 77775 1	C' 02665 0	C' 03604 0	I' 52375 1	C' 03612 1	C' 03576 0	C' 27646 0
11,2230	C' 02705 1	C' 03620 0	I' 46135 1	C' 03747 0	C' 22251 1	I' 70575 1	C' 03620 0	C' 27620 0
11,2240	C' 03612 1	I' 77742 0	C' 27612 1	C' 03604 0	I' 77742 0	C' 27604 0	C' 03646 0	I' 77742 0
11,2250	C' 03646 0	I' 77201 1	C' 00001 0	C' 03604 0	C' 37415 0	C' 01340 1	I' 77620 0	C' 00300 1
11,2260	I' 77624 1	C' 47432 1	I' 77624 1	C' 34567 1	I' 66370 0	C' 00022 1	C' 00051 0	C' 00006 1
11,2270	I' 61373 1	C' 02736 1	C' 01736 1	I' 77656 1	C' 06736 0	I' 77700 0	C' 22270 1	I' 75160 1
11,2300	C' 00306 1	C' 02671 0	I' 77624 1	C' 31040 1	I' 77624 1	C' 47244 0	I' 77650 1	C' 00300 1
11,2310	I' 40354 1	C' 02150 1	C' 00001 0	I' 75543 1	C' 50041 1	I' 53515 0	C' 01535 0	I' 60325 0
11,2320	C' 00045 0	C' 00047 1	I' 77715 1	I' 65241 0	C' 01543 1	C' 02312 0	I' 60225 1	C' 01551 1
11,2330	C' 00051 0	I' 77742 0	I' 65271 0	C' 00003 1	I' 41405 0	C' 00005 1	I' 65316 0	C' 00005 1
11,2340	I' 64716 0	C' 50041 1	I' 40442 1	I' 47515 0	C' 01543 1	I' 44205 0	C' 00045 0	I' 41271 0
11,2350	C' 00003 1	I' 53605 1	C' 23717 1	C' 20176 0	I' 43260 1	C' 00050 1	I' 45257 0	C' 20211 1
11,2360	I' 41205 0	C' 00001 0	C' 00005 1	I' 53657 0	C' 20211 1	C' 20201 0	I' 65215 1	C' 01553 0
11,2370	I' 53605 1	C' 00001 0	C' 20202 0	I' 43204 0	C' 57343 1	I' 77626 0	C' 75471 1	I' 74020 0

OCTAL LISTING FOR PARAGRAPH J 065, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A*'A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1B (INTERPRETIVE OPERATOR WORDS) OR A2B (CONSTANTS)

11,2400	C' 02270 0	C' 00012 1	I' 74014 1	C' 00303 1	C' 24000 1	C' 00002 0	I' 77650 1	C' 24000 1
11,2410	I' 86350 1	C' 01500 0	C' 00051 0	C' 77762 1	I' 54345 1	C' 02314 0	C' 20612 0	I' 61500 0
11,2420	C' 22421 0	I' 43208 1	C' 01551 1	C' 16312 0	I' 77615 0	C' 01517 0	C' 35517 1	C' 22310 0
11,2430	I' 73150 1	C' 02150 1	C' 02150 1	I' 77775 1	C' 11456 0	C' 26202 0	C' 02152 0	I' 53257 1
11,2440	C' 57605 0	C' 01535 0	C' 02160 1	I' 65014 1	C' 01756 1	C' 22452 1	C' 01500 0	C' 12217 0
11,2450	I' 77724 0	C' 01500 0	I' 53575 0	C' 02152 0	C' 16152 0	C' 00045 0	C' 02310 1	I' 77624 1
11,2460	C' 22562 0	I' 66175 1	C' 02160 1	C' 00051 0	C' 16152 0	C' 02210 0	C' 02310 1	I' 71214 0
11,2470	C' 00342 1	C' 22725 1	C' 01517 0	I' 77624 1	C' 54110 0	I' 72174 0	C' 00002 0	C' 00051 0
11,2500	I' 77614 1	C' 00343 0	C' 22505 1	I' 77076 0	C' 00000 1	C' 02180 1	C' 26263 1	C' 00003 1
11,2510	C' 02300 0	I' 45335 0	C' 01012 0	C' 23721 1	I' 43030 0	C' 22520 0	C' 01756 1	C' 22534 0
11,2520	I' 74375 0	C' 02152 0	C' 02310 1	I' 52257 0	C' 57175 0	C' 02160 1	I' 77724 0	C' 01500 0
11,2530	C' 12225 1	C' 02272 1	I' 77724 0	C' 01500 0	I' 62175 0	C' 02263 1	C' 00004 0	I' 43014 0
11,2540	C' 04260 1	C' 00343 0	C' 22547 1	I' 53261 1	C' 20612 0	C' 02300 0	C' 02300 0	I' 77624 1
11,2550	C' 22562 0	I' 62174 1	C' 00004 0	C' 00004 0	I' 77775 1	C' 02300 0	C' 36160 0	C' 22562 0
11,2560	I' 77650 1	C' 22725 1	I' 74575 0	C' 02160 1	I' 40236 1	C' 00001 0	I' 61501 1	C' 00040 0
11,2570	I' 60325 0	C' 02310 1	C' 00041 1	I' 63342 1	C' 02160 1	I' 77656 1	C' 16160 1	C' 00045 0
11,2600	C' 02210 0	I' 55301 0	C' 00042 1	I' 41562 0	I' 77743 1	C' 27730 0	C' 00051 0	I' 57124 1
11,2610	C' 00050 1	C' 00040 0	I' 71264 1	C' 00041 1	C' 00003 1	I' 65057 0	C' 57177 1	C' 00050 1
11,2620	I' 74406 0	I' 50315 0	C' 02152 0	C' 02160 1	I' 44372 1	I' 57206 1	C' 00005 1	I' 77752 1
11,2630	I' 43206 1	C' 23701 0	I' 75406 1	I' 41475 1	C' 00013 0	I' 43352 1	C' 23701 0	I' 43325 1
11,2640	C' 00013 0	C' 11454 1	I' 72475 1	C' 00011 1	I' 56215 1	C' 23673 1	C' 00017 1	I' 74275 1
11,2650	C' 00007 0	C' 02160 1	I' 64515 1	C' 02152 0	I' 41455 0	I' 41345 0	C' 00001 0	C' 00015 0
11,2660	I' 61501 1	C' 00037 0	I' 40665 0	C' 00003 1	C' 50041 1	I' 74276 1	I' 57124 1	C' 00050 1
11,2670	C' 00051 0	I' 55064 0	C' 00038 1	C' 00037 0	I' 77600 1	C' 22676 0	I' 65057 0	C' 57177 1
11,2700	C' 00050 1	I' 77655 1	C' 02202 0	C' 02202 0	I' 43400 1	C' 22706 0	I' 54345 1	C' 02212 1
11,2710	C' 20612 0	I' 44206 0	C' 01551 1	C' 16312 0	C' 01517 0	I' 45425 0	C' 42260 0	C' 22310 0
11,2720	I' 77624 1	C' 23344 0	I' 77614 1	C' 04020 1	C' 27234 1	I' 71354 0	C' 02150 1	C' 02310 1
11,2730	I' 44601 0	C' 00001 0	C' 50007 0	I' 43044 0	C' 23135 1	C' 00343 0	C' 23144 1	I' 65375 0
11,2740	C' 02152 0	C' 01517 0	I' 45125 0	C' 23671 0	C' 55366 1	C' 00017 1	I' 47375 0	C' 02012 0
11,2750	C' 11450 0	I' 61255 1	C' 11450 0	C' 00025 0	I' 77656 1	C' 00025 0	I' 57345 1	C' 00023 0
11,2760	C' 23703 1	I' 63525 0	C' 00023 0	I' 45275 0	C' 23705 1	C' 23677 0	I' 57206 1	C' 00023 0
11,2770	I' 76405 1	C' 23711 1	I' 57325 1	C' 00001 0	C' 23717 1	I' 41421 0	I' 57275 0	C' 00023 0



OPTAL LISTING FOR PARAGRAPH J 066, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

11,3000	C' 23713 0	I' 57325 1	C' 00003 1	C' 23715 0	I' 77621 1	I' 77603 1	C' 50035 1	I' 43271 1
11,3010	C' 02310 1	C' 00005 1	I' 56273 1	C' 50031 0	C' 02310 1	I' 74215 1	C' 00003 1	C' 02152 0
11,3020	C' 14033 1	I' 70403 1	C' 50035 1	I' 43271 1	C' 02310 1	I' 50473 1	C' 50031 0	I' 43271 1
11,3030	C' 02310 1	I' 76561 1	C' 00025 0	I' 77645 0	C' 00033 1	C' 14033 1	C' 02310 1	I' 63501 0
11,3040	C' 00047 1	I' 60316 0	C' 00051 0	I' 54606 0	C' 50025 0	I' 77761 1	C' 00033 1	C' 00033 1
11,3050	I' 56070 0	C' 00046 0	C' 00046 0	I' 43070 1	C' 00050 1	C' 00343 0	C' 23125 0	I' 63545 0
11,3060	C' 00017 1	I' 63525 0	C' 00021 1	I' 65215 1	C' 00003 1	I' 45352 1	C' 00003 1	I' 41525 0
11,3070	C' 00023 0	I' 65361 0	C' 00025 0	I' 45316 1	C' 23671 0	I' 52405 1	C' 27756 0	I' 52361 1
11,3100	C' 02152 0	I' 72561 0	I' 77725 1	C' 00017 1	I' 63205 0	C' 00021 1	C' 02152 0	I' 74235 0
11,3110	C' 00025 0	I' 53332 0	I' 77725 1	I' 41301 0	C' 00050 1	C' 00001 0	I' 74265 0	C' 27754 1
11,3120	I' 53257 1	C' 57605 0	C' 00033 1	I' 77754 1	C' 02150 1	I' 77600 1	C' 23127 1	I' 53257 1
11,3130	C' 20153 1	C' 02202 0	C' 02202 0	I' 77600 1	C' 22706 0	I' 72135 0	C' 01501 1	C' 00154 1
11,3140	I' 73205 1	C' 27760 0	C' 00155 0	C' 23152 0	I' 77745 1	C' 02156 1	C' 24023 0	C' 11450 0
11,3150	I' 77650 1	C' 22755 0	C' 23371 0	C' 23375 1	C' 23406 1	I' 77214 0	C' 00342 1	C' 23206 1
11,3160	C' 01535 0	I' 41241 0	C' 01543 1	C' 02314 0	I' 77640 0	C' 23206 1	I' 43014 0	C' 00303 1
11,3170	C' 23263 1	C' 04340 1	C' 23260 1	I' 45145 0	C' 01517 0	C' 54110 0	C' 02263 1	I' 77754 1
11,3200	C' 02150 1	I' 51445 0	C' 01535 0	I' 50025 0	C' 27764 1	C' 23300 0	I' 51575 1	C' 01521 0
11,3210	I' 77600 1	C' 23234 0	I' 51025 1	C' 23707 0	C' 23234 0	I' 53615 0	C' 23707 0	C' 57605 0
11,3220	I' 45271 1	C' 00013 0	C' 27762 1	I' 77244 0	C' 23234 0	C' 01527 0	I' 45246 0	C' 23707 0
11,3230	I' 77600 1	C' 23234 0	I' 77640 0	C' 23236 1	I' 77624 1	C' 23344 0	I' 77775 1	C' 01527 0
11,3240	C' 25120 0	C' 01521 0	C' 01112 1	I' 77614 1	C' 00261 1	I' 66375 0	C' 01112 1	C' 01501 1
11,3250	C' 00000 1	C' 16152 0	C' 11456 0	C' 02212 1	I' 52014 0	C' 00301 0	C' 23610 1	C' 22430 0
11,3260	I' 52175 0	C' 02263 1	C' 23201 0	I' 60545 0	C' 00013 0	I' 50025 0	C' 27764 1	C' 23206 1
11,3270	I' 71214 0	C' 04340 1	C' 23300 0	C' 01517 0	I' 77624 1	C' 54115 0	I' 77676 0	C' 02263 1
11,3300	I' 77624 1	C' 23304 1	I' 77650 1	C' 23236 1	I' 45020 1	C' 02270 0	C' 23344 0	I' 53775 1
11,3310	C' 01535 0	C' 57576 1	I' 53651 0	C' 02263 1	C' 57574 0	C' 01503 0	C' 15535 0	C' 01517 0
11,3320	I' 77624 1	C' 54120 0	I' 57414 1	C' 00343 0	C' 23325 1	I' 53715 1	C' 01543 1	C' 57576 1
11,3330	I' 77651 0	I' 77657 0	C' 57574 0	C' 01511 0	C' 01543 1	I' 67154 0	C' 02270 0	C' 00052 0
11,3340	I' 52014 0	C' 00303 1	C' 26666 0	C' 26673 1	I' 77354 0	C' 02150 1	C' 01521 0	I' 53257 1
11,3350	C' 57605 0	C' 01535 0	C' 01503 0	C' 25535 0	C' 01527 0	I' 53257 1	C' 57602 1	C' 01543 1
11,3360	C' 01511 0	C' 25543 1	C' 11456 0	C' 01521 0	C' 15527 0	C' 11456 0	C' 01551 1	C' 01553 0
11,3370	I' 77616 0	I' 64575 1	C' 02202 0	C' 36166 0	C' 23551 1	I' 74575 0	C' 02202 0	I' 53206 0



OCTAL LISTING FOR PARAGRAPH J 070, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR AOA (CONSTANTS)

12,2000	I' 71201 1	C' 00001 0	C' 11458 0	C' 01344 0	C' 31346 1	C' 11831 0	C' 24017 1	C' 01503 0
12,2010	I' 68258 0	C' 00027 1	C' 00024 1	C' 18647 0	C' 00045 0	C' 24041 1	C' 01503 0	I' 76441 1
12,2020	C' 01511 0	I' 76405 1	C' 00023 0	C' 24043 0	C' 01511 0	I' 57238 1	C' 00017 1	I' 52405 1
12,2030	C' 00041 1	I' 61425 0	C' 11500 1	C' 00045 0	I' 74421 0	C' 11500 1	I' 77671 1	C' 00041 1
12,2040	C' 00011 1	I' 71244 0	C' 24051 0	C' 11516 0	I' 40071 0	C' 00011 1	C' 24055 1	I' 52166 1
12,2050	C' 24055 1	I' 55388 1	C' 11520 0	I' 77600 1	C' 24055 1	I' 50165 0	C' 02312 0	C' 24272 0
12,2060	C' 00013 0	I' 65205 0	C' 00023 0	C' 00011 1	I' 65301 0	C' 00047 1	I' 58257 1	C' 20173 0
12,2070	I' 50000 1	C' 24112 0	C' 24112 0	I' 77606 1	I' 50021 1	C' 02312 0	C' 24112 0	C' 16312 0
12,2100	C' 00013 0	I' 77615 0	C' 01344 0	C' 15344 0	C' 00001 0	I' 77615 0	C' 01346 1	C' 15346 1
12,2110	I' 77650 1	C' 24070 0	I' 71201 1	C' 00001 0	C' 11456 0	C' 14015 0	C' 02308 0	I' 74275 0
12,2120	C' 01344 0	C' 00025 0	I' 50054 0	C' 24265 0	C' 24265 0	I' 51025 1	C' 00013 0	C' 24265 0
12,2130	I' 57345 1	C' 02312 0	C' 11511 1	I' 77646 0	C' 15350 0	C' 01551 1	I' 45254 0	C' 24141 0
12,2140	C' 01346 1	C' 15551 1	C' 01553 0	I' 45254 0	C' 24146 1	C' 01344 0	I' 77621 1	C' 00025 0
12,2150	C' 02643 1	I' 63545 0	C' 00025 0	I' 41501 0	C' 00047 1	I' 53805 1	C' 00011 1	C' 21573 0
12,2160	C' 34031 1	C' 24428 1	I' 44200 0	C' 24312 1	C' 02312 0	C' 02645 1	I' 44246 1	C' 01350 0
12,2170	I' 71244 0	C' 24334 0	C' 00037 0	I' 60225 1	C' 01551 1	C' 00047 1	I' 60325 0	C' 02643 1
12,2200	C' 00050 1	I' 41280 0	C' 00047 1	C' 02645 1	I' 58257 1	C' 21202 1	I' 41542 1	I' 71244 0
12,2210	C' 24231 1	C' 00025 0	C' 00013 0	I' 45221 1	C' 00015 0	I' 51000 0	C' 24223 1	C' 24223 1
12,2220	I' 52145 0	C' 00001 0	C' 24243 1	I' 45345 1	C' 00015 0	C' 00025 0	I' 52075 1	C' 11514 1
12,2230	C' 24243 1	I' 77745 1	C' 00025 0	C' 00015 0	I' 45221 1	C' 00013 0	I' 50000 1	C' 24257 1
12,2240	C' 24257 1	I' 77745 1	C' 00001 0	C' 02643 1	I' 43254 0	C' 24334 0	C' 00025 0	C' 14025 0
12,2250	C' 00037 0	C' 01551 1	I' 48034 1	C' 24651 0	C' 24334 0	I' 77650 1	C' 24151 1	I' 45345 1
12,2260	C' 00013 0	C' 00025 0	I' 52075 1	C' 11514 1	C' 24243 1	I' 70545 1	C' 00013 0	C' 00025 0
12,2270	I' 77650 1	C' 24130 0	C' 14015 0	C' 11456 0	C' 14013 0	C' 02308 0	C' 00025 0	I' 51054 1
12,2300	C' 24305 1	C' 24305 1	I' 51025 1	C' 00015 0	C' 24130 0	I' 70545 1	C' 00015 0	C' 00025 0
12,2310	I' 77650 1	C' 24130 0	I' 50145 1	C' 00025 0	C' 24331 0	C' 00013 0	I' 70545 1	C' 02643 1
12,2320	C' 02643 1	I' 44254 1	C' 02270 0	C' 00025 0	C' 14025 0	C' 01551 1	C' 00037 0	I' 77650 1
12,2330	C' 24252 1	C' 00015 0	I' 77650 1	C' 24316 0	I' 44545 0	C' 00041 1	I' 74225 1	C' 00035 1
12,2340	C' 02647 0	I' 65372 1	C' 00025 0	I' 60316 0	C' 00047 1	I' 57275 0	C' 00023 0	C' 00025 0
12,2350	I' 53605 1	C' 00033 1	C' 21572 1	I' 77621 1	C' 00037 0	I' 74352 0	C' 01511 0	I' 53372 1
12,2360	I' 77712 0	C' 01535 0	I' 60246 1	C' 00050 1	C' 16655 0	C' 00031 0	I' 45275 0	C' 00033 1
12,2370	C' 11476 1	I' 76405 1	C' 00021 1	I' 53605 1	C' 00025 0	C' 56601 0	I' 74271 0	C' 02655 0



OCAL LISTING FOR PARAGRAPH J 071, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

12,2400	C' 02647 0	I' 65372 1	C' 00035 1	I' 56257 1	C' 58802 0	C' 02655 0	I' 74221 0	C' 11512 1
12,2410	C' 01511 0	I' 42455 0	I' 77628 0	C' 82234 0	C' 00037 0	I' 77815 0	C' 01348 1	C' 15551 1
12,2420	C' 00025 0	I' 77615 0	C' 01344 0	C' 01553 0	I' 77850 1	C' 02270 0	I' 77778 1	07171 1
12,2430	C' 00010 0	C' 02525 1	C' 12528 0	C' 87356 0	C' 75868 0	C' 15001 1	C' 23771 1	C' 84342 0
12,2440	C' 43874 0	C' 08583 1	C' 04845 1	C' 75173 0	C' 52872 0	C' 00656 1	C' 14331 0	C' 77833 1
12,2450	C' 40512 0	C' 00023 0	C' 11210 1	C' 77774 0	C' 87508 0	08006 1	C' 14033 1	C' 00031 0
12,2460	I' 77778 1	07171 1	C' 00010 0	C' 01000 0	C' 00000 1	C' 72525 0	C' 52508 0	C' 13301 1
12,2470	C' 15337 1	C' 62778 0	C' 54733 1	C' 11178 1	C' 13287 0	C' 73410 0	C' 51874 0	C' 01448 0
12,2500	C' 33841 1	C' 77451 1	C' 65233 0	C' 00055 1	C' 37288 1	C' 77787 1	C' 52338 0	06006 1
12,2510	I' 53805 1	C' 00001 0	C' 21574 1	C' 00035 1	I' 72405 0	C' 00043 0	I' 65234 1	C' 45562 1
12,2520	I' 53805 1	C' 00033 1	C' 21574 1	I' 72405 0	C' 00045 0	I' 85234 1	C' 45562 1	C' 00041 1
12,2530	I' 76261 0	C' 20607 1	I' 41301 0	C' 00047 1	C' 00025 0	I' 76257 0	C' 20578 1	I' 57232 0
12,2540	C' 00023 0	C' 00037 0	I' 77618 0	I' 71214 0	C' 00814 1	C' 24613 0	C' 00037 0	I' 80225 1
12,2550	C' 02784 0	C' 00047 1	I' 80325 0	C' 00015 0	C' 00050 1	I' 41280 0	C' 00047 1	C' 02782 0
12,2560	I' 56257 1	C' 21202 1	I' 43142 1	C' 04351 1	C' 24567 0	I' 75246 0	C' 02762 0	I' 51008 0
12,2570	C' 24625 0	I' 43145 0	C' 03775 1	C' 04311 0	C' 24576 0	C' 00017 1	I' 45221 1	C' 00011 1
12,2600	I' 51000 0	C' 24605 1	C' 24605 1	I' 77850 1	C' 24637 0	I' 45345 1	C' 00011 1	C' 03775 1
12,2610	I' 52005 0	C' 11514 1	C' 24641 1	I' 41345 0	C' 00011 1	C' 00051 0	I' 41325 0	C' 00017 1
12,2620	C' 00051 0	I' 77625 0	I' 52185 1	C' 02762 0	C' 24567 0	I' 43145 0	C' 03775 1	C' 04311 0
12,2630	C' 24632 0	C' 00011 1	I' 45221 1	C' 00017 1	I' 50000 1	C' 24643 0	C' 24643 0	I' 77745 1
12,2640	C' 00001 0	C' 00015 0	I' 77618 0	I' 45345 1	C' 00017 1	C' 03775 1	I' 52005 0	C' 11514 1
12,2650	C' 24641 1	44712 0	50120 1	60028 0	50120 1	54028 1	54154 0	06030 1
12,2660	I' 44545 0	C' 00041 1	I' 74225 1	C' 00035 1	C' 02724 1	I' 65372 1	C' 00025 0	I' 80316 0
12,2670	C' 00047 1	I' 57275 0	C' 00023 0	C' 00025 0	I' 53805 1	C' 00033 1	C' 21572 1	I' 77621 1
12,2700	C' 00037 0	I' 74352 0	C' 02746 0	I' 53372 1	I' 41512 1	I' 77648 0	I' 77701 1	C' 00047 1
12,2710	C' 18722 1	C' 00031 0	I' 45205 1	C' 00033 1	C' 11476 1	I' 76405 1	C' 00021 1	I' 53805 1
12,2720	C' 00025 0	C' 21176 1	I' 74271 0	C' 02722 1	C' 02724 1	I' 65372 1	C' 00035 1	I' 56257 1
12,2730	C' 21175 1	C' 02722 1	I' 77621 1	C' 11512 1	I' 53381 0	C' 02746 0	I' 43412 1	I' 40220 0
12,2740	C' 02712 1	C' 00001 0	I' 63375 0	C' 02657 1	C' 02746 0	I' 77624 1	C' 11527 1	I' 45000 0
12,2750	C' 24767 1	C' 24772 0	I' 43145 0	C' 00031 0	C' 04310 1	C' 02712 1	I' 45014 0	C' 04273 0
12,2760	C' 24428 1	I' 45014 0	C' 03708 0	C' 02712 1	C' 24860 1	I' 77850 1	C' 02712 1	I' 77814 1
12,2770	C' 04033 0	C' 02712 1	I' 66374 1	C' 00003 1	C' 00052 0	C' 00001 0	I' 77814 1	C' 04276 0

OCTAL LISTING FOR PARAGRAPH J 072, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, B" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED BIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

12,3000	I' 85388 1	C' 02734 0	I' 44342 1	C' 11502 0	I' 54325 1	C' 02732 0	C' 21607 0	I' 77671 1
12,3010	I' 77600 1	C' 25125 0	I' 41225 1	C' 03775 1	I' 40132 0	C' 25125 0	I' 63408 0	I' 85351 0
12,3020	C' 00155 0	C' 02744 1	I' 76202 0	I' 75440 0	C' 25210 0	I' 43308 0	I' 61000 0	C' 25123 0
12,3030	C' 25016 1	I' 40065 0	C' 11476 1	C' 25210 0	I' 41440 1	C' 25210 0	I' 77716 1	I' 41301 0
12,3040	C' 00047 1	C' 02744 1	I' 77457 1	C' 21567 0	07171 1	C' 00005 1	C' 20000 0	C' 00000 1
12,3050	C' 72525 0	C' 52471 1	C' 03148 1	C' 15003 0	C' 75556 0	C' 45210 0	C' 01615 1	C' 13553 0
12,3060	C' 76371 0	C' 83777 0	C' 01232 0	C' 27387 0	08008 1	I' 76405 1	I' 43006 0	C' 04316 1
12,3070	C' 25175 0	I' 60316 0	C' 00047 1	I' 53605 1	C' 02744 1	C' 21565 1	C' 14031 0	C' 00041 1
12,3100	I' 75542 0	I' 41308 1	I' 77632 0	C' 00025 0	I' 60316 0	C' 00047 1	I' 41325 0	C' 02742 1
12,3110	C' 00041 1	I' 75452 0	I' 56405 0	C' 03775 1	C' 14043 0	C' 02744 1	I' 43021 0	C' 11500 1
12,3120	C' 04270 0	C' 00045 0	I' 77618 0	I' 77774 0	C' 00003 1	I' 51001 1	C' 00001 0	C' 25132 0
12,3130	I' 77614 1	C' 04076 1	I' 75545 1	C' 02742 1	I' 41325 0	C' 02732 0	C' 03775 1	I' 65352 0
12,3140	C' 02734 0	I' 43202 0	C' 11508 1	I' 41225 1	I' 55301 0	C' 00047 1	C' 02732 0	I' 51457 0
12,3150	C' 21174 0	I' 63408 0	C' 14043 0	C' 11504 0	I' 63408 0	I' 65234 1	C' 45562 1	C' 02744 1
12,3160	I' 40405 1	C' 00043 0	I' 77771 0	I' 75440 0	C' 25210 0	I' 77615 0	I' 60304 0	C' 25154 0
12,3170	C' 00047 1	I' 77665 1	I' 52057 1	C' 21172 0	C' 25034 1	I' 50145 1	C' 02744 1	C' 25210 0
12,3200	I' 60366 1	C' 00047 1	I' 53665 1	C' 11520 0	C' 20176 0	I' 41425 1	I' 77650 1	C' 25071 0
12,3210	I' 40001 1	C' 00001 0	C' 25213 0	I' 43414 1	C' 04070 1	I' 40220 0	C' 02712 1	C' 00001 0
12,3220	I' 76731 0	C' 00027 1	C' 00024 1	C' 11631 0	C' 14017 1	C' 02673 1	I' 77675 0	C' 11505 1
12,3230	C' 03777 0	I' 77214 0	C' 00474 0	C' 02657 1	I' 45115 0	C' 02665 0	C' 11573 0	C' 16732 0
12,3240	C' 02722 1	I' 65301 0	C' 00047 1	C' 00041 1	I' 56342 1	I' 65257 1	C' 20173 0	I' 77626 0
12,3250	C' 75043 1	I' 44342 1	C' 11502 0	C' 02736 1	I' 53108 0	C' 25465 1	I' 65301 0	C' 00047 1
12,3260	C' 00001 0	I' 56342 1	I' 75457 0	C' 20176 0	I' 54325 1	C' 02732 0	C' 20607 1	I' 43271 1
12,3270	C' 02736 1	I' 77626 0	C' 77760 0	I' 50000 1	C' 25301 1	C' 25304 1	I' 50025 0	C' 11524 1
12,3300	C' 25304 1	I' 77745 1	C' 11524 1	C' 00017 1	I' 77745 1	C' 02734 0	I' 45261 0	C' 20607 1
12,3310	I' 77626 0	C' 61037 1	C' 02675 1	I' 71240 1	C' 25505 0	C' 02740 0	I' 56352 0	C' 02732 0
12,3320	I' 77600 1	C' 25505 0	C' 00011 1	I' 66214 0	C' 00715 1	C' 25471 1	C' 00051 0	C' 00001 0
12,3330	I' 77745 1	C' 03775 1	I' 77605 1	C' 02732 0	I' 45342 0	C' 02740 0	I' 65301 0	C' 00047 1
12,3340	C' 02736 1	I' 56257 1	C' 20170 0	I' 53040 0	C' 25421 1	C' 25421 1	C' 16742 1	C' 03775 1
12,3350	I' 43316 1	C' 11510 0	I' 41301 0	C' 00047 1	C' 02742 1	I' 44257 1	C' 20571 0	C' 11506 1
12,3360	C' 16744 1	C' 02742 1	I' 45000 0	C' 25424 1	C' 24772 0	I' 77745 1	C' 00037 0	C' 16764 0
12,3370	C' 00031 0	I' 45014 0	C' 04310 1	C' 25421 1	C' 24426 1	I' 44200 0	C' 25441 1	C' 02673 1



OCAL LISTING FOR PARAGRAPH J 074, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

13,2000	I' 43014 0	C' 01474 1	C' 01751 0	C' 26006 0	I' 77814 1	C' 01476 0	I' 45014 0	C' 01667 1
13,2010	C' 27113 1	I' 71214 0	C' 04307 1	C' 28031 1	C' 01571 0	C' 34041 0	C' 27371 1	I' 45014 0
13,2020	C' 01674 0	C' 28821 0	I' 43014 0	C' 02756 1	C' 26026 1	C' 01476 0	I' 45014 0	C' 01467 0
13,2030	C' 27113 1	I' 77814 1	C' 01236 1	C' 28607 1	I' 43414 1	C' 01474 1	05435 0	C' 00031 0
13,2040	32163 1	04555 0	C' 20624 0	12155 0	02046 1	02040 1	32164 0	04555 0
13,2050	C' 20624 0	12155 0	02054 1	02046 1	08008 1	I' 77745 1	C' 03413 1	C' 34041 0
13,2060	C' 27036 1	I' 53575 0	C' 00001 0	I' 77676 0	C' 00031 0	I' 53435 0	C' 00007 0	C' 00023 0
13,2070	I' 53435 0	C' 00031 0	C' 24015 0	C' 03540 0	I' 76505 0	C' 00015 0	I' 77655 1	C' 00007 0
13,2100	C' 00007 0	I' 77624 1	C' 27371 1	I' 77624 1	C' 28185 1	I' 53775 1	C' 00007 0	C' 57176 0
13,2110	C' 25543 1	C' 00001 0	I' 77657 0	C' 57176 0	C' 15535 0	C' 03413 1	C' 01517 0	I' 71214 0
13,2120	C' 01873 1	C' 01571 0	C' 34041 0	C' 27066 1	I' 77624 1	C' 27371 1	I' 77775 1	C' 00017 1
13,2130	C' 01503 0	C' 15535 0	C' 00015 0	C' 25517 0	C' 00025 0	I' 77624 1	C' 23360 0	I' 77776 1
13,2140	05301 0	C' 04024 0	05435 0	C' 00236 0	08008 1	I' 77624 1	C' 26711 1	I' 77531 0
13,2150	C' 00053 1	C' 28154 0	04555 0	C' 27426 1	I' 77776 1	34714 1	55126 1	55125 1
13,2160	37716 0	55734 1	14106 0	C' 01524 0	C' 01441 1	I' 43174 1	C' 00002 0	C' 00063 1
13,2170	I' 77014 1	C' 04303 0	C' 00052 0	C' 00000 1	I' 43414 1	C' 00263 0	04604 1	55777 0
13,2200	06006 1	I' 43234 0	C' 45505 0	C' 26317 0	C' 02356 0	I' 43014 0	C' 00705 0	C' 26214 1
13,2210	C' 00706 0	C' 26224 1	I' 77650 1	C' 26245 0	I' 77745 1	C' 02356 0	C' 34041 0	C' 27057 0
13,2220	I' 77775 1	C' 00001 0	I' 77650 1	C' 26234 0	I' 71214 0	C' 04305 0	C' 54000 0	C' 02356 0
13,2230	I' 77624 1	C' 26373 1	I' 77775 1	C' 02152 0	C' 16766 1	C' 02356 0	C' 34041 0	C' 27045 0
13,2240	I' 52375 1	C' 02766 1	C' 00001 0	I' 52056 0	C' 26260 1	I' 72131 1	C' 00051 0	C' 00000 1
13,2250	C' 00304 0	I' 77700 0	C' 26256 1	I' 52175 0	C' 02617 0	C' 26260 1	I' 77775 1	C' 02611 0
13,2260	I' 53521 1	C' 01736 1	C' 02766 1	I' 45001 1	C' 00001 0	C' 47432 1	I' 77624 1	C' 46034 1
13,2270	I' 77414 0	C' 01750 1	C' 26274 1	02312 0	I' 45345 1	C' 02776 0	C' 26315 1	I' 71244 0
13,2300	C' 26305 0	C' 02776 0	I' 51025 1	C' 26321 0	C' 26307 1	I' 77776 1	02311 0	I' 77776 1
13,2310	25777 1	25777 1	31777 1	04561 1	C' 25252 0	C' 25254 0	C' 00000 1	C' 00202 1
13,2320	C' 61740 0	C' 77777 0	I' 40220 0	C' 02242 1	C' 00001 0	C' 24007 0	C' 02152 0	I' 51406 1
13,2330	C' 16310 1	C' 11456 0	I' 71414 0	C' 01743 0	C' 26335 0	I' 77624 1	C' 55366 1	I' 77656 1
13,2340	C' 36152 1	C' 26523 1	I' 77624 1	C' 26533 0	I' 63545 0	C' 02152 0	I' 63525 0	C' 02154 0
13,2350	I' 75415 0	I' 76405 1	C' 00011 1	C' 14021 1	C' 02156 1	C' 34023 1	C' 26463 1	C' 15104 0
13,2360	C' 02152 0	C' 14021 1	C' 02154 0	C' 34023 1	C' 26463 1	C' 15106 1	C' 02310 1	I' 77625 0
13,2370	C' 02241 1	C' 35110 1	C' 02242 1	I' 40220 0	C' 02242 1	C' 00001 0	C' 34007 1	C' 26523 1



OCTAL LISTING FOR PARAGRAPH J 075, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AID (INTERPRETIVE OPERATOR WORDS) OR AC (CONSTANTS)

13,2400	I' 73545 1	C' 01104 0	I' 65275 1	C' 00011 1	C' 01104 0	I' 65348 0	C' 01108 1	I' 57358 0
13,2410	I' 71525 0	C' 01104 0	I' 71525 0	C' 01108 1	I' 55475 1	I' 41458 0	C' 38152 1	C' 28533 0
13,2420	I' 43145 0	C' 11458 0	C' 01743 0	C' 28425 0	I' 77748 1	I' 77824 1	C' 55341 1	C' 16152 0
13,2430	C' 02241 1	I' 74215 1	C' 01110 0	C' 02152 0	I' 77772 0	C' 38152 1	C' 02242 1	I' 63545 0
13,2440	C' 02158 1	I' 44352 0	C' 11454 1	I' 44275 1	C' 28460 1	C' 11454 1	I' 75485 1	C' 28454 0
13,2450	I' 77822 1	C' 02241 1	I' 77818 0	C' 00448 1	C' 00305 1	C' 17711 0	C' 05254 1	C' 00155 0
13,2460	C' 25250 1	C' 00302 0	C' 17755 0	I' 77800 1	C' 28485 1	I' 63545 0	C' 00023 0	I' 63525 0
13,2470	C' 00021 1	I' 77818 0	I' 75454 0	C' 28511 0	I' 40065 0	C' 00023 0	C' 28518 1	I' 67542 0
13,2500	C' 00025 0	I' 50125 1	C' 00021 1	C' 28505 0	I' 43545 1	I' 57545 1	I' 43244 1	C' 28513 1
13,2510	C' 11454 1	C' 00025 0	I' 77818 0	I' 52025 1	C' 11454 1	C' 28511 0	I' 75345 1	C' 11502 0
13,2520	C' 00023 0	C' 00025 0	I' 77818 0	I' 43145 0	C' 28458 1	C' 01743 0	C' 28531 1	I' 77735 0
13,2530	C' 11454 1	C' 00011 1	I' 77818 0	I' 71220 1	C' 00051 0	C' 28580 0	I' 71214 0	C' 01703 1
13,2540	C' 28550 0	C' 28462 0	I' 45014 0	C' 00742 0	C' 28548 1	C' 28437 0	C' 38241 0	C' 00051 0
13,2550	I' 77214 0	C' 00702 1	C' 28548 1	C' 02028 1	I' 64448 0	I' 77850 1	C' 28548 1	C' 00085 1
13,2560	C' 01285 1	05301 0	C' 00052 0	34754 0	05042 1	C' 02570 1	C' 28083 0	05213 1
13,2570	06008 1	I' 47014 1	C' 04712 1	C' 28630 0	C' 45505 0	C' 00041 1	I' 77824 1	C' 27371 1
13,2600	I' 45014 0	C' 01078 1	C' 28821 0	I' 77850 1	C' 28000 0	C' 00003 1	C' 25140 0	I' 77414 0
13,2610	C' 01672 0	05301 0	C' 20032 1	00008 1	32808 0	05231 1	C' 02581 1	C' 28063 0
13,2620	05112 0	I' 43014 0	C' 01472 1	C' 01873 1	I' 43014 0	C' 01876 1	C' 01875 1	I' 77818 0
13,2630	I' 77778 1	05301 0	C' 00002 0	05447 0	C' 00221 0	05112 0	I' 47020 0	C' 00051 0
13,2640	C' 28851 1	I' 45014 0	C' 04063 0	C' 20237 0	I' 43014 0	C' 00303 1	C' 00051 0	C' 04223 0
13,2650	C' 00051 0	03015 0	55500 1	51500 0	31502 1	51500 0	55554 0	11500 1
13,2660	12852 0	08030 1	I' 43034 1	C' 28700 1	C' 04303 0	C' 28873 1	I' 88214 0	C' 00283 0
13,2670	C' 02151 0	C' 00000 1	I' 77818 0	I' 86214 0	C' 00083 1	C' 02151 0	C' 00002 0	I' 77818 0
13,2700	03015 0	55500 1	51500 0	31554 1	51500 0	55502 0	11500 1	12701 1
13,2710	08030 1	I' 47020 0	C' 00051 0	C' 28724 1	I' 45014 0	C' 04084 1	C' 20283 1	I' 43014 0
13,2720	C' 00303 1	C' 00051 0	C' 04224 1	C' 00051 0	03015 0	55500 1	51500 0	31502 1
13,2730	51500 0	55628 0	11500 1	12725 1	08030 1	I' 47014 1	C' 04307 1	C' 28758 1
13,2740	C' 28745 0	I' 52014 0	C' 04304 1	C' 28673 1	C' 28686 0	03015 0	55500 1	51500 0
13,2750	31828 1	51500 0	55502 0	11500 1	12748 1	08030 1	I' 77201 1	C' 00001 0
13,2760	C' 02028 1	I' 41525 0	C' 00041 1	C' 15517 0	C' 27758 0	I' 77824 1	C' 55341 1	C' 25535 0
13,2770	C' 11450 0	C' 14001 0	C' 01517 0	C' 14007 0	C' 27758 0	I' 45014 0	C' 00063 1	C' 55341 1



OCTAL LISTING FOR PARAGRAPH J 076, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ABA (CONSTANTS)

13,3000	I' 74235 0	C' 01535 0	C' 27014 1	C' 25543 1	C' 11456 0	C' 01521 0	I' 67174 1	C' 00002 0
13,3010	C' 02150 1	C' 35527 1	C' 27136 0	C' 07112 1	C' 08620 0	33021 1	54008 0	33436 0
13,3020	00002 0	C' 26063 0	I' 45020 1	C' 00046 0	C' 27371 1	I' 43130 1	C' 02214 1	C' 01474 1
13,3030	I' 43014 0	C' 01467 0	C' 01676 1	I' 77614 1	C' 01633 0	C' 27115 1	I' 45020 1	C' 00046 0
13,3040	C' 27371 1	I' 43130 1	C' 02214 1	C' 01634 1	C' 27030 1	I' 45020 1	C' 00046 0	C' 27371 1
13,3050	I' 43130 1	C' 02214 1	C' 01474 1	I' 43014 0	C' 01676 1	C' 01433 1	C' 27115 1	I' 45020 1
13,3060	C' 00046 0	C' 27371 1	I' 43130 1	C' 02214 1	C' 01634 1	C' 27053 1	I' 66214 0	C' 01467 0
13,3070	C' 02151 0	C' 00000 1	I' 66214 0	C' 00343 0	C' 27077 1	C' 02151 0	C' 00002 0	I' 77220 1
13,3100	C' 02214 1	C' 11456 0	C' 01521 0	C' 35527 1	C' 23344 0	I' 43014 0	C' 01676 1	C' 04062 1
13,3110	I' 77614 1	C' 04020 1	C' 27127 0	I' 77620 0	C' 02214 1	I' 43014 0	C' 04060 0	C' 04062 1
13,3120	I' 77731 1	C' 00053 1	C' 27127 0	I' 52014 0	C' 01714 1	C' 26662 1	C' 26735 1	I' 77745 1
13,3130	C' 00041 1	C' 01101 0	I' 52014 0	C' 01753 1	C' 27234 1	C' 27220 1	I' 77414 0	C' 01652 1
13,3140	C' 27157 1	05301 0	C' 04022 0	05435 0	C' 00236 0	06006 1	I' 77731 1	C' 00053 1
13,3150	C' 27155 0	I' 52014 0	C' 01714 1	C' 26636 0	C' 26711 1	I' 77624 1	C' 56741 0	I' 45001 1
13,3160	C' 00001 0	C' 23344 0	I' 53775 1	C' 01503 0	C' 57576 1	I' 53715 1	C' 01511 0	C' 57576 1
13,3170	I' 63325 0	C' 01517 0	C' 01503 0	I' 64715 0	C' 01511 0	C' 50041 1	I' 76006 0	C' 77765 0
13,3200	I' 76014 0	C' 00303 1	C' 27204 1	C' 77775 1	I' 40001 1	C' 00001 0	C' 27207 1	I' 43014 0
13,3210	C' 04676 1	C' 01667 1	I' 77535 1	C' 02215 0	30154 1	50120 1	54052 1	03406 0
13,3220	I' 45345 1	C' 01101 0	C' 01517 0	C' 36312 1	C' 23344 0	I' 77624 1	C' 22310 0	I' 43345 1
13,3230	C' 01551 1	C' 01517 0	C' 35517 1	C' 27157 1	I' 43014 0	C' 04752 0	C' 27241 0	C' 01632 1
13,3240	C' 27204 1	I' 73001 1	C' 00013 0	C' 02150 1	I' 51575 1	C' 01535 0	I' 43006 0	C' 00262 1
13,3250	I' 50023 0	C' 67241 1	C' 27255 0	I' 77614 1	C' 00062 0	I' 41345 0	C' 00013 0	C' 00043 0
13,3260	I' 55762 1	C' 50041 1	I' 41366 1	C' 23675 1	I' 40442 1	I' 54345 1	C' 00155 0	C' 20220 0
13,3270	I' 40006 0	C' 27316 0	I' 50021 1	C' 27370 0	C' 27316 0	I' 45345 1	C' 01101 0	C' 01517 0
13,3300	I' 54234 0	C' 45541 0	C' 20211 1	C' 02314 0	I' 51400 1	C' 27322 1	I' 50025 0	C' 00015 0
13,3310	C' 27326 0	I' 75345 1	C' 00015 0	C' 02314 0	C' 36314 1	C' 27326 0	I' 65345 0	C' 27370 0
13,3320	I' 77650 1	C' 27275 1	I' 77634 0	C' 45707 0	C' 36314 1	C' 27311 1	I' 51545 1	C' 02314 0
13,3330	I' 50025 0	C' 27366 1	C' 27136 0	I' 46135 1	C' 01012 0	C' 27340 0	I' 77650 1	C' 23155 1
13,3340	I' 77614 1	C' 01707 0	C' 23155 1	I' 45345 1	C' 02314 0	C' 00015 0	I' 43040 1	C' 27136 0
13,3350	C' 04242 1	C' 23155 1	I' 45345 1	C' 01101 0	C' 01517 0	I' 77640 0	C' 27204 1	I' 40525 1
13,3360	C' 02314 0	I' 44322 1	I' 52040 1	C' 27204 1	C' 23155 1	C' 00000 1	C' 01400 1	C' 14152 1
13,3370	C' 00000 1	I' 77776 1	34714 1	54001 1	30106 0	50001 0	73487 0	00006 1



OCTAL LISTING FOR PARAGRAPH J 077, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CB (CONSTANTS)

13,3400	13445 0	50001 0	33464 1	05070 0	I' 77776 1	13426 0	40108 1	74704 1
13,3410	10000 0	03428 1	50120 1	30052 0	55055 1	05301 0	C' 04022 0	31055 0
13,3420	50120 1	54052 1	34704 0	70106 1	00008 1	13450 1	34714 1	54154 0
13,3430	50154 1	33464 1	00004 0	05074 1	10064 1	13430 1	C' 00051 0	50154 1
13,3440	43467 0	70108 1	54108 1	00003 1	13450 1	50001 0	34675 1	26108 1
13,3450	06006 1	I' 77816 0	I' 77776 1	34712 1	13373 1	I' 77776 1	34711 1	13373 1
13,3460	34712 1	13427 1	34711 1	13427 1	C' 27372 1	C' 27453 0	C' 27456 0	C' 20100 1
13,3470	C' 10040 1	C' 04020 1	I' 43020 1	C' 02317 0	C' 02716 0	C' 27550 1	I' 77614 1	C' 01711 1
13,3500	C' 27550 1	I' 77614 1	C' 04307 1	C' 27520 0	I' 45145 0	C' 01205 1	C' 27371 1	I' 45014 0
13,3510	C' 01474 1	C' 28621 0	I' 43014 0	C' 02747 1	C' 27516 0	C' 01674 0	C' 34041 0	C' 27113 1
13,3520	I' 45174 1	C' 00002 0	C' 27371 1	I' 77014 1	C' 04303 0	C' 27527 1	C' 00000 1	I' 53775 1
13,3530	C' 01171 1	C' 57176 0	C' 01503 0	C' 15535 0	C' 01205 1	C' 25517 0	C' 01177 1	I' 45057 1
13,3540	C' 57176 0	C' 23360 0	I' 66234 1	C' 26851 1	C' 01127 1	C' 00000 1	I' 77650 1	C' 75745 0
13,3550	I' 45145 0	C' 01205 1	C' 27371 1	I' 43014 0	C' 01476 0	C' 04476 0	I' 43014 0	C' 01475 0
13,3560	C' 01674 0	I' 43014 0	C' 02747 1	C' 27567 0	C' 01474 1	I' 77614 1	C' 01675 1	C' 34041 0
13,3570	C' 27113 1	I' 77650 1	C' 27501 0	I' 43020 1	C' 01127 1	C' 04634 1	C' 27612 1	I' 43020 1
13,3600	C' 01127 1	C' 04474 1	I' 43234 0	C' 45505 0	C' 27714 0	I' 51021 0	C' 00041 1	C' 27616 0
13,3610	I' 77624 1	C' 27702 1	I' 43234 0	C' 45505 0	C' 27714 0	C' 00041 1	I' 77624 1	C' 27371 1
13,3620	I' 45014 0	C' 01676 1	C' 28034 1	I' 43014 0	C' 01673 1	C' 04475 0	I' 77624 1	C' 27113 1
13,3630	I' 77214 0	C' 04675 1	C' 00001 0	C' 25232 0	C' 00007 0	C' 15240 0	C' 00015 0	C' 01246 0
13,3640	I' 66134 1	C' 03746 1	C' 03745 1	I' 77776 1	00004 0	00006 1	40025 1	20155 1
13,3650	07226 0	31127 1	04577 0	I' 47014 1	C' 04754 0	C' 27672 1	C' 45505 0	I' 44215 1
13,3660	C' 27714 0	C' 01101 0	I' 45044 0	C' 27234 1	C' 27702 1	I' 43234 0	C' 45505 0	C' 27714 0
13,3670	C' 35101 1	C' 27234 1	I' 45345 1	C' 01101 0	C' 01517 0	I' 45246 0	C' 27712 0	I' 52040 1
13,3700	C' 27136 0	C' 27685 1	I' 77414 0	C' 04674 0	25127 1	05537 0	C' 01703 1	06006 1
13,3710	I' 77616 0	C' 00000 1	C' 00003 1	C' 00000 1	C' 02342 0	C' 77764 1	C' 77775 1	C' 77766 0
13,3720	C' 77771 0	C' 77775 1	C' 77775 1	C' 00000 1	C' 77783 0	C' 77766 0	C' 77773 1	C' 77770 1
13,3730	C' 77771 0	C' 27446 1	C' 14620 0	C' 16471 1	C' 01352 1	C' 22437 1	C' 16067 1	C' 00000 1
13,3740	C' 00000 1	C' 02302 1	C' 24736 0	C' 00000 1	C' 00000 1	C' 77776 1	C' 53032 0	C' 10407 0
13,3750	C' 05344 1	C' 13710 0	C' 35320 0	C' 12160 0	C' 12124 0	C' 24000 1	C' 00000 1	C' 74631 0
13,3760	C' 63145 1	C' 00243 1	C' 32703 1	C' 03654 0	C' 21000 1	C' 03654 0	C' 21000 1	C' 04627 0
13,3770	C' 25200 1	C' 03771 0	C' 03772 0	CKSM 74774 0	"	"	"	"



OCTAL LISTING FOR PARAGRAPH J 100, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #I# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

14,2000	I' 43573 1	C' 31744 1	I' 43020 1	C' 02576 1	C' 04285 1	I' 77776 1	00008 1	30036 1
14,2010	53161 1	08006 1	I' 43131 0	C' 01304 1	C' 00000 1	C' 00271 0	I' 77776 1	06006 1
14,2020	I' 43014 0	C' 00073 0	C' 00705 0	C' 30103 0	I' 77414 0	C' 03660 1	31314 0	00006 1
14,2030	62131 0	04555 0	C' 26176 0	12161 1	12124 0	05435 0	C' 00013 0	34701 0
14,2040	70075 1	10000 0	02052 1	34705 1	70074 0	10000 0	12052 0	32151 0
14,2050	04555 0	C' 20602 1	31314 0	00006 1	62065 0	40074 0	74707 1	10000 0
14,2060	02063 0	31775 0	55180 0	31773 0	55161 1	34731 0	04555 0	C' 01732 0
14,2070	34701 0	70075 1	10000 0	12104 1	34674 0	70103 1	00006 1	12028 0
14,2100	06006 1	I' 77650 1	C' 02576 1	I' 77776 1	04555 0	C' 78536 0	30075 0	74706 0
14,2110	00006 1	12100 0	40075 1	74704 1	10000 0	12122 0	30101 1	74701 1
14,2120	10000 0	02031 1	32175 0	12066 1	05447 0	C' 00013 0	05537 0	C' 00407 1
14,2130	02037 1	34705 1	70074 0	10000 0	02065 0	00004 0	37861 1	05042 1
14,2140	C' 02144 1	C' 30065 1	00003 1	12065 1	06006 1	I' 77624 1	C' 31322 0	I' 77776 1
14,2150	05112 0	C' 01534 1	C' 01531 1	C' 10464 0	C' 12470 1	C' 00000 1	C' 00000 1	C' 15373 1
14,2160	C' 11554 0	34701 0	70075 1	10000 0	02124 1	32174 1	04555 0	C' 21671 1
14,2170	12176 1	12065 1	12065 1	15112 1	C' 00404 1	C' 00264 1	05425 1	04555 0
14,2200	C' 16063 0	34714 1	55323 0	04555 0	C' 20464 0	04106 1	I' 43020 1	C' 02576 1
14,2210	C' 04065 0	I' 43014 0	C' 01463 1	C' 00462 1	I' 77650 1	C' 30005 1	I' 77620 0	C' 00300 1
14,2220	C' 36607 0	C' 54110 0	C' 26752 0	C' 00003 1	C' 16744 1	C' 02607 1	C' 34041 0	C' 27045 0
14,2230	I' 61131 0	C' 00052 0	C' 00000 1	C' 30256 0	I' 52375 1	C' 02752 0	C' 00001 0	I' 77656 1
14,2240	C' 26752 0	C' 00001 0	I' 57456 1	C' 16736 1	C' 32162 0	I' 77624 1	C' 30316 0	C' 14017 1
14,2250	C' 32200 1	C' 24023 0	C' 02744 1	I' 77656 1	C' 36744 0	C' 30303 1	I' 40575 1	C' 02752 0
14,2260	I' 51362 1	C' 02744 1	I' 77656 1	C' 26744 1	C' 02752 0	I' 53455 0	C' 00001 0	I' 77676 0
14,2270	C' 26736 1	C' 00001 0	I' 57456 1	C' 16752 0	C' 32160 1	I' 77624 1	C' 30316 0	C' 14023 0
14,2300	C' 32200 1	C' 24017 1	C' 02744 1	I' 77635 1	C' 32170 0	C' 27474 0	C' 00007 0	I' 53361 0
14,2310	C' 32166 1	C' 03474 0	C' 17474 0	C' 32202 0	C' 34021 0	C' 00300 1	I' 70471 1	C' 00045 0
14,2320	I' 43336 0	C' 32164 0	I' 70546 1	I' 77618 0	04604 1	55777 0	06006 1	I' 77624 1
14,2330	C' 47432 1	I' 77624 1	C' 34567 1	I' 77601 0	C' 00001 0	I' 71214 0	C' 01465 1	C' 11456 0
14,2340	C' 24303 1	C' 02714 1	I' 63361 0	C' 30502 0	C' 02730 1	I' 74370 0	C' 00344 1	C' 30504 0
14,2350	I' 77655 1	I' 53505 1	C' 01736 1	C' 02760 1	I' 66331 0	C' 00051 0	C' 00006 1	C' 00052 0
14,2360	C' 00006 1	I' 52100 1	C' 30364 0	C' 30513 0	I' 45173 0	C' 31744 1	C' 30457 1	I' 73014 0
14,2370	C' 01710 0	C' 30361 0	C' 00046 0	I' 52104 0	C' 30376 0	C' 30361 0	I' 45173 0	C' 46033 0

OCAL LISTING FOR PARAGRAPH J 101, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, #''# DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #I# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

14,2400	C' 30457 1	I' 76814 0	C' 01710 0	C' 30373 0	C' 31744 1	I' 45237 0	C' 46033 0	C' 30508 1
14,2410	I' 43240 0	C' 30373 0	C' 30510 0	I' 77644 1	C' 30373 0	I' 50373 0	C' 31744 1	C' 02760 1
14,2420	I' 50025 0	C' 30512 1	C' 30381 0	I' 50373 0	C' 46033 0	C' 02760 1	I' 51025 1	C' 30512 1
14,2430	C' 30433 0	I' 77650 1	C' 30373 0	I' 77614 1	C' 01805 0	C' 30452 1	I' 65120 1	C' 00302 0
14,2440	C' 00303 1	I' 47773 1	C' 31744 1	C' 46033 0	I' 43008 0	C' 01545 1	C' 30436 0	I' 45345 1
14,2450	I' 77644 1	C' 30373 0	I' 67130 1	C' 00302 0	C' 00303 1	I' 77650 1	C' 30373 0	I' 51321 0
14,2460	C' 02738 1	C' 00017 1	I' 77654 0	C' 30476 1	I' 75240 0	C' 30476 1	C' 00180 0	I' 75240 0
14,2470	C' 30476 1	C' 00162 1	I' 43040 1	C' 30476 1	C' 01830 0	C' 00052 0	I' 77614 1	C' 01430 1
14,2500	C' 00052 0	C' 21150 0	C' 25157 0	C' 32766 1	C' 22713 1	C' 01736 1	C' 35137 1	C' 73003 0
14,2510	C' 65403 0	C' 06233 0	C' 26112 1	I' 77414 0	C' 01745 0	C' 30517 1	02521 0	I' 77776 1
14,2520	25777 1	31777 1	04561 1	I' 77776 1	34712 1	54304 1	54301 1	06008 1
14,2530	I' 43014 0	C' 00866 1	C' 00865 1	I' 77776 1	05301 0	C' 05024 1	C' 13000 0	50304 0
14,2540	30302 0	00006 1	72701 1	54735 1	32700 1	04555 0	C' 20763 1	04108 1
14,2550	02555 0	02544 0	38211 0	05415 1	15112 1	06006 1	I' 45034 1	C' 45505 0
14,2560	C' 32363 0	I' 72131 1	C' 00051 0	C' 00000 1	C' 00304 0	I' 77700 0	C' 30571 1	C' 36617 1
14,2570	C' 30572 1	C' 02611 0	I' 77776 1	41011 1	62677 0	00006 1	12672 1	06006 1
14,2600	I' 77624 1	C' 30002 0	I' 77624 1	C' 31266 1	C' 02617 0	I' 77776 1	04555 0	C' 16063 0
14,2610	06006 1	I' 45145 0	C' 02807 1	C' 32363 0	I' 77776 1	10304 1	02657 1	06006 1
14,2620	I' 53521 1	C' 01736 1	C' 02738 1	I' 77775 1	C' 02617 0	C' 24007 0	C' 02611 0	C' 24015 0
14,2630	C' 02601 1	C' 36744 0	C' 30702 1	I' 45014 0	C' 00354 0	C' 30643 0	C' 47334 0	I' 77624 1
14,2640	C' 32203 1	I' 77614 1	C' 01273 0	I' 77776 1	35656 1	04555 0	C' 20751 0	04108 1
14,2650	02652 1	02654 1	04555 0	C' 32120 0	06006 1	I' 77650 1	C' 32143 0	06006 1
14,2660	I' 53521 1	C' 01736 1	C' 26601 1	C' 02617 0	C' 02611 0	I' 77731 1	C' 00305 1	C' 00000 1
14,2670	I' 77650 1	C' 30530 1	06006 1	I' 77624 1	C' 32252 0	I' 77650 1	C' 30602 0	C' 00066 1
14,2700	C' 00306 1	C' 05253 0	I' 43020 1	C' 02777 1	C' 00074 1	I' 77760 0	C' 02735 1	I' 47773 1
14,2710	C' 00001 0	C' 00007 0	I' 65552 0	C' 00025 0	I' 43014 0	C' 00354 0	C' 30726 1	C' 00174 0
14,2720	I' 71360 1	C' 00006 1	C' 00025 0	C' 00023 0	I' 77650 1	C' 30707 1	I' 45345 1	C' 00025 0
14,2730	C' 00023 0	I' 47046 0	C' 45541 0	C' 01046 1	I' 77414 0	C' 00074 1	34714 1	04555 0
14,2740	C' 20807 1	32755 1	04555 0	C' 20624 0	14106 0	02752 0	06006 1	I' 52014 0
14,2750	C' 00274 0	C' 02777 1	06006 1	I' 77650 1	C' 02777 1	C' 01405 1	I' 45020 1	C' 00035 1
14,2760	C' 22256 0	I' 66234 1	C' 32236 1	C' 00051 0	C' 00001 0	I' 40370 1	C' 00003 1	C' 00005 1
14,2770	I' 70543 1	C' 01161 0	I' 70523 1	C' 00005 1	I' 51425 0	I' 45206 1	C' 31053 0	I' 71240 1



OCTAL LISTING FOR PARAGRAPH J 102, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #IA (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

14,3000	C' 31027 0	I' 51025 1	C' 31054 1	C' 31027 0	I' 77778 1	04555 0	C' 16602 1	04555 0
14,3010	C' 17516 0	05644 1	04555 0	C' 17012 1	04555 0	C' 17516 0	05644 1	06008 1
14,3020	I' 77234 1	C' 31263 1	C' 11456 0	C' 01472 1	I' 52014 0	C' 01060 0	C' 31031 1	I' 77700 0
14,3030	C' 30770 1	I' 75160 1	C' 02671 0	C' 01735 1	I' 77624 1	C' 31040 1	I' 77650 1	C' 00035 1
14,3040	I' 77773 1	C' 00001 0	C' 10001 1	I' 77773 1	C' 00007 0	C' 10007 1	I' 77773 1	C' 00015 0
14,3050	C' 10015 1	I' 77616 0	C' 00056 1	C' 37722 1	41320 0	74702 1	10000 0	C' 03063 1
14,3060	05537 0	C' 00210 1	04106 1	04555 0	C' 17607 0	34720 0	04555 0	C' 20751 0
14,3070	04106 1	03134 1	05301 0	C' 05024 1	C' 13000 0	34714 1	55155 0	55156 0
14,3100	55157 1	33261 1	04555 0	C' 20577 0	33262 1	04555 0	C' 20577 0	04555 0
14,3110	C' 16602 1	04555 0	C' 17516 0	05644 1	04555 0	C' 17012 1	04555 0	C' 17516 0
14,3120	05644 1	06006 1	I' 77234 1	C' 31263 1	C' 11456 0	C' 01472 1	I' 77414 0	C' 01060 0
14,3130	05301 0	C' 05024 1	C' 13000 0	13065 0	05301 0	C' 00014 1	06006 1	I' 40331 1
14,3140	C' 00305 1	C' 00000 1	C' 00001 0	I' 77414 0	C' 00666 1	34712 1	54301 1	05301 0
14,3150	C' 05024 1	C' 13000 0	05253 0	C' 00065 1	13162 0	06006 1	I' 77624 1	C' 32252 0
14,3160	I' 77650 1	C' 31165 1	06006 1	I' 77624 1	C' 31322 0	I' 77624 1	C' 31266 1	I' 77606 1
14,3170	I' 53135 0	C' 00305 1	C' 31177 1	I' 45575 1	C' 75160 1	I' 77650 1	C' 31205 1	I' 45575 1
14,3200	C' 61166 1	C' 02607 1	I' 77624 1	C' 32363 0	C' 02601 1	I' 77778 1	05301 0	C' 05024 1
14,3210	C' 13000 0	04555 0	C' 16063 0	10304 1	13223 0	05301 0	C' 05024 1	C' 13000 0
14,3220	34712 1	54304 1	13147 1	05301 0	C' 05024 1	C' 13000 0	06006 1	I' 45145 0
14,3230	C' 02607 1	C' 32363 0	C' 24015 0	C' 02601 1	C' 24007 0	C' 02611 0	C' 26736 1	C' 02617 0
14,3240	C' 36744 0	C' 30702 1	I' 77414 0	C' 00314 1	C' 31246 0	03065 1	I' 77624 1	C' 47334 0
14,3250	I' 75160 1	C' 02713 0	C' 01735 1	I' 45014 0	C' 01662 1	C' 31040 1	I' 52014 0	C' 01462 0
14,3260	C' 32143 0	C' 01426 0	C' 12200 0	30025 0	55074 1	16030 0	I' 77620 0	C' 00300 1
14,3270	I' 70740 0	C' 01330 0	C' 00001 0	C' 02607 1	I' 66744 0	C' 00304 0	C' 46456 1	I' 76744 1
14,3300	C' 00154 1	C' 00001 0	C' 10001 1	I' 77743 1	C' 00006 1	C' 10006 0	I' 77624 1	C' 46000 0
14,3310	I' 62150 1	C' 01330 0	C' 00002 0	I' 45130 1	C' 00050 1	C' 47541 1	I' 77650 1	C' 00300 1
14,3320	C' 03674 1	C' 03502 0	I' 43020 1	C' 03501 0	C' 00071 1	I' 77776 1	30301 0	74716 1
14,3330	04555 0	C' 16002 1	04555 0	C' 17512 1	05644 1	51330 0	10052 1	13350 0
14,3340	13342 0	13342 0	34714 1	57330 0	10000 0	50000 1	54000 0	13326 1
14,3350	05253 0	C' 00026 0	13354 1	13400 1	05253 0	C' 00027 1	13360 0	13400 1
14,3360	33404 1	04555 0	C' 20763 1	04106 1	13371 0	03360 1	36211 0	05415 1
14,3370	05112 0	47713 1	70735 1	00006 1	76211 1	56001 0	50304 0	54302 1

OCAL LISTING FOR PARAGRAPH J 104, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

15,2000	05301 0	C' 00254 1	05447 0	C' 00027 1	05447 0	C' 00031 0	04555 0	C' 17573 0
15,2010	34707 0	70076 1	10000 0	02016 1	34711 1	02017 0	34712 1	55132 1
15,2020	34712 1	04555 0	C' 21041 1	04106 1	02031 1	02020 1	05301 0	C' 00014 1
15,2030	05112 0	31132 0	76214 1	50000 1	02035 0	02041 0	02110 0	02041 0
15,2040	12120 1	00008 1	34714 1	53046 0	32155 1	04555 0	C' 20624 0	04106 1
15,2050	02052 1	02044 0	00006 1	31046 1	00006 1	12057 0	12062 0	00006 1
15,2060	30025 0	53046 0	31132 0	74711 0	10000 0	12073 0	06006 1	I' 77624 1
15,2070	C' 34506 0	I' 77650 1	C' 32100 1	06006 1	I' 77745 1	C' 01046 1	I' 77624 1	C' 34636 0
15,2100	I' 77624 1	C' 22256 0	I' 77776 1	32156 1	04555 0	C' 20624 0	04106 1	02113 0
15,2110	06006 1	I' 77650 1	C' 32100 1	06006 1	I' 77624 1	C' 30756 0	I' 77414 0	C' 01462 0
15,2120	34720 0	04555 0	C' 20751 0	04106 1	02126 0	02140 0	06006 1	I' 43234 0
15,2130	C' 45505 0	C' 32176 0	I' 77624 1	C' 30216 1	I' 77776 1	04555 0	C' 30324 1	02145 0
15,2140	06006 1	I' 77624 1	C' 30523 0	I' 77776 1	04106 1	05537 0	C' 00405 0	34743 0
15,2150	04555 0	C' 20624 0	04106 1	02140 0	02120 0	C' 01442 1	C' 01426 0	C' 00065 1
15,2160	C' 01265 1	C' 00302 0	C' 24533 1	C' 00343 0	C' 21616 0	C' 00000 1	C' 13143 0	C' 00000 1
15,2170	C' 00000 1	C' 77777 0	C' 53231 1	C' 00001 0	C' 17570 0	C' 00001 0	C' 16700 1	C' 07760 1
15,2200	C' 14473 1	C' 07564 1	C' 15042 0	I' 77620 0	C' 02777 1	I' 77624 1	C' 47140 1	I' 77776 1
15,2210	32234 0	04555 0	C' 20624 0	04106 1	02216 0	02231 0	05301 0	C' 00314 1
15,2220	32235 1	04555 0	C' 17125 1	04555 0	C' 17516 0	05644 1	05301 0	C' 05024 1
15,2230	C' 13000 0	06006 1	I' 77650 1	C' 02777 1	C' 01535 0	C' 02757 0	00004 0	30032 0
15,2240	50120 1	54001 1	30033 1	50120 1	54002 1	30034 0	50120 1	54003 0
15,2250	00003 1	06030 1	I' 77776 1	32362 1	04555 0	C' 20624 0	04106 1	02261 0
15,2260	02253 1	04555 0	C' 16004 1	34714 1	04555 0	C' 20607 1	32360 0	04555 0
15,2270	C' 20470 0	14106 0	12263 0	06006 1	I' 77745 1	C' 03731 1	C' 16774 1	C' 03733 0
15,2300	C' 02776 0	I' 77776 1	00004 0	00006 1	30025 0	51330 0	52001 1	30033 1
15,2310	51330 0	54002 1	31773 0	51330 0	54003 0	30034 0	51330 0	54004 1
15,2320	31775 0	51330 0	54005 0	30032 0	51330 0	54006 0	00003 1	05425 1
15,2330	34333 0	04555 0	C' 20751 0	04106 1	12336 1	12263 0	34714 1	04555 0
15,2340	C' 20607 1	32361 1	04555 0	C' 20624 0	04106 1	02347 0	12336 1	47713 1
15,2350	70735 1	00006 1	76211 1	56001 0	50304 0	54302 1	06006 1	I' 77616 0
15,2360	C' 15200 1	C' 00307 0	C' 01536 0	C' 02607 1	I' 45020 1	C' 02777 1	C' 30216 1	I' 77775 1
15,2370	C' 02736 1	C' 24001 0	C' 02744 1	C' 26736 1	C' 00001 0	C' 02744 1	I' 77776 1	47713 1

OCTAL LISTING FOR PARAGRAPH J 105, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

15,2400	70735 1	00008 1	76211 1	56001 0	50304 0	54302 1	10000 0	12423 1
15,2410	32453 1	04555 0	C' 20624 0	04106 1	02418 0	02410 0	06006 1	I' 53575 0
15,2420	C' 02766 1	I' 77650 1	C' 32446 0	40000 0	62452 0	00006 1	62437 0	50304 0
15,2430	30302 0	50120 1	54046 1	06006 1	I' 52173 0	C' 31744 1	C' 32446 0	06006 1
15,2440	I' 70740 0	C' 00304 0	C' 00303 1	I' 76740 0	C' 00154 1	C' 02372 0	I' 53455 0	C' 03474 0
15,2450	I' 77650 1	C' 02777 1	C' 00343 0	C' 01530 0	34377 0	27725 1	34705 1	71321 1
15,2460	00006 1	12467 1	44712 0	70102 0	54102 0	06000 1	02534 1	30032 0
15,2470	57661 1	00006 1	21661 0	55675 0	30033 1	57662 1	00006 1	21662 0
15,2500	55676 0	30034 0	57663 0	00006 1	21663 1	55677 1	40102 0	76214 1
15,2510	50000 1	02512 0	02521 0	02532 1	12515 0	06000 1	05301 0	C' 00006 1
15,2520	05213 1	34712 1	55720 1	34377 0	05140 1	C' 02454 0	C' 32066 0	11720 1
15,2530	02556 0	05213 1	26102 0	34714 1	55711 0	55706 0	55707 1	55710 1
15,2540	55723 1	02522 0	54001 1	00002 0	50000 1	34873 1	26001 1	00002 0
15,2550	40000 0	61720 0	00006 1	74675 0	61720 0	00002 0	31663 0	04767 0
15,2560	55511 1	31661 1	04770 0	55512 1	00006 1	71511 1	55514 1	31661 1
15,2570	04767 0	55513 0	00006 1	71511 1	55515 0	41677 1	00006 1	71512 1
15,2600	53721 0	41676 0	00006 1	71515 0	21721 0	31720 0	57707 0	02550 0
15,2610	55702 1	41677 1	00006 1	71513 0	53721 0	31676 1	00006 1	71514 1
15,2620	21721 0	31720 0	57710 0	02550 0	55703 0	31663 0	04770 0	55510 0
15,2630	00006 1	71676 0	55720 1	34714 1	20001 1	61675 1	61720 0	40000 0
15,2640	55720 1	57706 1	02550 0	55701 1	11723 1	02647 0	02671 0	41664 0
15,2650	04770 0	00006 1	71723 1	55721 0	00006 1	73217 1	27701 1	31664 1
15,2660	04767 0	40000 0	00006 1	71723 1	27702 1	41721 0	00006 1	73220 0
15,2670	27703 0	34677 0	70102 0	00006 1	15213 0	34672 0	54030 0	00006 1
15,2700	32704 0	53313 0	05213 1	C' 02705 1	C' 32066 0	22016 0	00006 1	22012 1
15,2710	30021 1	60000 1	55623 0	31702 0	61665 0	02542 0	55665 1	04767 0
15,2720	55506 1	55705 0	00006 1	71701 1	57705 1	00006 1	71703 0	55704 1
15,2730	31665 0	04770 0	55507 0	00006 1	71703 0	27705 0	41507 0	00006 1
15,2740	71701 1	27704 1	27666 1	04770 0	00006 1	71705 0	61665 0	02542 0
15,2750	55665 1	40000 0	61603 0	02542 0	55477 0	55572 1	31705 1	61664 1
15,2760	02542 0	55714 0	55664 0	34710 0	70102 0	00006 1	13054 1	44712 0
15,2770	55700 0	55477 0	55500 1	41701 1	00006 1	73217 1	61703 1	03044 1



OPTICAL LISTING FOR PARAGRAPH J 106, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A/A (INTERPRETIVE OPERATOR WORDS) OR A/C (CONSTANTS)

15,3000	50000 1	33222 0	55720 1	31702 0	03044 1	50000 1	33225 1	27720 1
15,3010	00008 1	01005 0	11711 0	03238 0	03716 1	03723 1	10000 0	63215 1
15,3020	13050 0	63215 1	13051 1	55624 1	10000 0	43214 1	13030 0	33214 0
15,3030	60001 0	22002 0	03016 0	52002 1	11624 1	63212 0	13040 1	83212 0
15,3040	54000 0	13043 1	22007 0	57624 0	10000 0	63213 1	13051 1	63213 1
15,3050	40000 0	55721 0	34714 1	00002 0	55700 0	41666 1	61604 1	55721 0
15,3060	11508 1	63216 1	13064 1	63216 1	54000 0	13146 0	11508 1	13070 1
15,3070	11727 0	03104 1	03074 1	03104 1	05301 0	C' 40334 1	44712 0	55727 0
15,3100	33211 0	05140 1	C' 02374 0	C' 54086 0	11711 0	13113 0	13113 0	34714 1
15,3110	00008 1	01006 0	55711 0	11508 1	31721 1	13121 1	44714 0	55700 0
15,3120	41721 0	55573 0	55500 1	54001 1	11700 0	03130 0	34712 1	50000 1
15,3130	31703 1	03023 0	00008 1	04001 1	50000 1	33222 0	55720 1	31572 0
15,3140	54001 1	31702 0	03023 0	00008 1	04001 1	13005 0	25700 1	44712 0
15,3150	55711 0	11727 0	55727 0	13154 0	11507 0	41721 0	13180 1	31721 1
15,3160	55713 1	00006 1	74875 0	57713 0	54001 1	11507 0	41704 1	03171 0
15,3170	31704 0	03023 0	00008 1	04001 1	50000 1	33225 1	00006 1	01006 0
15,3200	31717 1	00006 1	21664 0	54001 1	11507 0	30001 0	03121 0	40001 1
15,3210	03121 0	C' 04084 1	C' 37734 0	C' 37756 1	C' 00087 0	C' 37267 0	C' 11277 0	C' 65033 1
15,3220	C' 36044 1	C' 00120 1	C' 00000 1	C' 00240 1	C' 00005 1	C' 00000 1	C' 00012 1	40025 1
15,3230	55712 0	34712 1	55711 0	05301 0	C' 00001 0	05213 1	44712 0	55617 1
15,3240	44726 1	00008 1	71701 1	60001 0	55613 0	41664 0	54021 0	40102 0
15,3250	74707 1	00006 1	13260 1	26102 0	31715 0	60021 1	57614 0	13320 1
15,3260	34675 1	60000 1	61715 0	57614 0	30021 1	64673 1	64673 1	57614 0
15,3270	27614 1	11613 0	64712 1	13275 0	64712 1	00006 1	71613 0	00006 1
15,3300	73767 0	00006 1	11506 1	54001 1	11614 1	34675 1	13310 1	44675 0
15,3310	61614 0	60001 0	54001 1	13320 1	50000 1	44674 1	60000 1	27614 1
15,3320	31614 0	00006 1	71506 1	55614 1	11700 0	03714 0	03327 1	31614 0
15,3330	55614 1	55713 1	31613 1	54021 0	30021 1	55570 0	57613 1	00006 1
15,3340	71613 0	00006 1	73767 0	55616 0	60000 1	40000 0	63773 1	54001 1
15,3350	11613 0	40001 1	13354 1	30001 0	61614 0	63773 1	00006 1	63374 1
15,3360	40000 0	63773 1	63773 1	00006 1	63403 0	43766 1	61616 1	00006 1
15,3370	63676 0	41617 1	55620 0	03456 0	41613 0	55613 0	54021 0	41614 1



OCTAL LISTING FOR PARAGRAPH J 107, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY
 ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR AC (CONSTANTS)

15,3400	55614 1	41617 1	55617 1	43766 1	61616 1	00006 1	63410 1	13415 0
15,3410	43771 1	61614 0	60021 1	00006 1	63676 0	41617 1	55620 0	43773 0
15,3420	61616 1	61614 0	55615 0	63772 0	40000 0	00006 1	63434 1	31615 1
15,3430	00006 1	74675 0	20001 1	93437 1	00006 1	22007 0	43772 1	55567 0
15,3440	61613 1	60000 1	00006 1	73767 0	55621 1	00006 1	63450 0	03482 1
15,3450	10002 1	13456 1	31620 1	55617 1	41621 1	13461 0	41613 0	55567 0
15,3460	34714 1	55621 1	31567 1	60000 1	00006 1	73767 0	60000 1	55607 0
15,3470	40000 0	00006 1	63476 1	55607 0	31617 0	55620 0	41607 0	00006 1
15,3500	71567 0	55615 0	41567 0	00006 1	13520 1	61613 1	00006 1	71621 1
15,3510	61615 1	61614 0	22007 0	56001 0	00006 1	11567 0	00006 1	13522 0
15,3520	34740 0	13527 0	56001 0	00006 1	11567 0	00006 1	74740 1	55805 1
15,3530	33770 1	00006 1	71621 1	55621 1	33770 1	00006 1	71607 0	55607 0
15,3540	34714 1	55711 0	34712 1	54305 0	30025 0	64675 1	64675 1	27712 0
15,3550	33765 0	27712 0	44711 0	61621 0	00006 1	63567 0	51617 0	33225 1
15,3560	55622 1	31621 0	27712 0	00006 1	63571 1	34714 1	13622 0	44712 0
15,3570	55621 1	44711 0	61605 0	00006 1	63603 1	31605 0	27712 0	00006 1
15,3600	63605 1	34714 1	13624 0	44712 0	55605 1	44711 0	61607 1	00006 1
15,3610	63625 0	51620 1	33225 1	55610 0	31607 1	27712 0	00006 1	63627 1
15,3620	34714 1	13626 1	55621 1	44712 0	55605 1	44712 0	55607 0	34714 1
15,3630	55611 1	55612 1	55606 1	53622 1	10000 0	13652 1	23612 0	44712 0
15,3640	53606 1	10000 0	13652 1	23612 0	44712 0	53610 0	10000 0	13652 1
15,3650	23612 0	03661 0	56001 0	27612 1	56001 0	64712 1	05140 1	C' 03667 0
15,3660	C' 32066 0	31612 0	00006 1	01006 0	11611 1	05213 1	03724 0	34711 1
15,3670	55611 1	70102 0	00006 1	13662 1	22007 0	13636 0	41700 0	74712 0
15,3700	54001 1	50000 1	31714 1	50001 0	54000 0	60001 0	02542 0	55717 0
15,3710	34714 1	00006 1	01006 0	55567 0	55711 0	03666 1	41705 0	00006 1
15,3720	71506 1	00006 1	74675 0	27713 1	34675 1	00006 1	71713 1	55476 1
15,3730	40305 0	54305 0	00006 1	63737 1	04633 0	C' 42404 1	03755 0	66214 0
15,3740	00006 1	63745 1	30025 0	54304 1	44720 1	54305 0	00006 1	31702 0
15,3750	50305 1	52324 0	31703 1	50305 1	54325 1	31623 1	54021 0	00006 1
15,3760	33764 1	53313 0	05222 0	C' 03143 1	C' 12062 0	C' 77464 1	C' 00012 1	C' 23617 0
15,3770	C' 01440 0	C' 00266 0	C' 70706 1	C' 00133 0	C' 03774 0	C' 03775 1	OKS' 52523 1	"

OCTAL LISTING FOR PARAGRAPH J 110, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AI (INTERPRETIVE OPERATOR WORDS) OR AC (CONSTANTS)

16,2000	I' 77214 0	C' 01070 1	C' 11456 0	C' 03705 0	I' 43020 1	C' 03657 0	C' 01347 0	C' 34073 1
16,2010	I' 77201 1	C' 00001 0	C' 03640 0	C' 03576 0	I' 53435 0	C' 03632 0	C' 27713 1	C' 03632 0
16,2020	C' 03570 0	I' 65236 0	C' 00045 0	I' 56205 0	C' 34127 1	I' 41205 0	C' 03654 0	C' 03076 0
16,2030	I' 77671 1	C' 03727 0	C' 24017 1	C' 03646 0	I' 74241 0	C' 03713 1	C' 03713 1	I' 41552 0
16,2040	I' 65245 1	C' 03646 0	C' 00017 1	I' 63356 1	C' 00007 0	I' 53435 0	C' 03713 1	I' 45561 1
16,2050	C' 50056 1	I' 65258 0	C' 00017 1	I' 74346 0	I' 74255 0	C' 03721 0	C' 00045 0	I' 53352 0
16,2060	I' 77626 0	C' 74056 1	I' 77656 1	C' 27713 1	C' 03721 0	I' 43006 0	C' 01072 0	I' 77624 1
16,2070	C' 10653 0	I' 77650 1	C' 03657 0	I' 45345 1	C' 03413 1	C' 36001 0	C' 14041 1	C' 03656 1
16,2100	I' 77625 0	C' 00041 1	C' 37423 0	C' 61663 0	I' 77775 1	C' 03612 1	C' 17713 1	C' 03413 1
16,2110	C' 00041 1	I' 77621 1	C' 03656 1	C' 37423 0	C' 61663 0	I' 41575 0	C' 03646 0	C' 03721 0
16,2120	I' 45014 0	C' 01072 0	C' 10653 0	I' 52001 1	C' 00001 0	C' 61716 0	C' 00024 1	C' 13714 1
16,2130	I' 44001 0	C' 00001 0	C' 03657 0	I' 51375 1	C' 03433 0	C' 03705 0	I' 77655 1	C' 03721 0
16,2140	C' 03460 0	I' 77646 0	C' 03654 0	I' 77776 1	05301 0	C' 10035 0	06006 1	I' 77775 1
16,2150	C' 03460 0	C' 03721 0	I' 77214 0	C' 01344 0	C' 03657 0	C' 03433 0	I' 41446 1	I' 41335 1
16,2160	C' 01354 1	C' 36011 1	I' 77621 1	I' 77440 1	C' 40021 0	31466 1	74875 0	10000 0
16,2170	34712 1	50000 1	31423 0	55852 0	06006 1	I' 51375 1	C' 03433 0	C' 03705 0
16,2200	I' 77656 1	I' 41441 0	C' 03460 0	I' 56244 0	C' 40013 1	C' 36005 1	I' 41215 1	C' 11454 1
16,2210	I' 70501 1	C' 00047 1	I' 60325 0	C' 00045 0	C' 00050 1	I' 77665 1	I' 53664 0	C' 00046 0
16,2220	C' 57607 1	I' 41405 0	C' 36003 1	I' 54335 0	C' 03016 0	C' 20617 0	I' 45421 1	C' 74347 1
16,2230	I' 77615 0	C' 01205 1	C' 17413 1	C' 03430 0	I' 50025 0	C' 36007 0	C' 40000 0	I' 74375 0
16,2240	C' 03705 0	C' 03703 0	I' 52352 1	C' 03433 0	I' 63256 0	C' 03460 0	I' 47256 0	I' 45121 1
16,2250	C' 01736 1	C' 47577 1	I' 77761 1	C' 03245 1	C' 03126 1	I' 77650 1	C' 03657 0	06006 1
16,2260	I' 71201 1	C' 00001 0	C' 11456 0	I' 77725 1	C' 34401 0	I' 71214 0	C' 03705 0	C' 34271 1
16,2270	C' 34403 1	I' 77606 1	I' 45014 0	C' 00675 0	C' 22002 0	I' 77776 1	05301 0	C' 05021 1
16,2300	C' 10000 0	06006 1	I' 77614 1	C' 01310 1	C' 34322 0	I' 52375 1	C' 03612 1	C' 03466 0
16,2310	I' 45325 1	C' 03474 0	C' 03476 1	I' 55261 1	C' 20222 1	C' 34375 1	I' 77761 1	I' 76451 0
16,2320	C' 01207 0	C' 03705 0	I' 57535 0	C' 03747 0	I' 77640 0	C' 34342 0	I' 53575 0	C' 01171 1
16,2330	I' 45345 1	C' 01205 1	C' 03450 0	I' 56205 0	C' 34377 0	C' 00043 0	I' 53361 0	C' 01215 0
16,2340	C' 03646 0	C' 03646 0	I' 77776 1	05301 0	C' 04021 0	06006 1	I' 77745 1	C' 03474 0
16,2350	C' 27476 1	C' 03612 1	C' 03466 0	I' 77414 0	C' 01270 0	44712 0	55746 1	05301 0
16,2360	C' 00001 0	15112 1	06006 1	I' 77775 1	C' 11456 0	C' 17351 0	C' 11456 0	C' 27347 1
16,2370	C' 03721 0	C' 03646 0	I' 77776 1	12355 1	C' 01440 0	C' 00000 1	C' 55340 0	C' 61710 0



OCTAL LISTING FOR PARAGRAPH J 111, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

16,2400	C' 04000 0	C' 00000 1	C' 00707 1	C' 03434 1	08008 1	I' 43001 1	C' 00001 0	C' 01066 0
16,2410	I' 51575 1	C' 03721 0	I' 77776 1	34704 0	00008 1	06031 0	74704 1	00008 1
16,2420	12502 0	08008 1	I' 58325 0	C' 38027 1	C' 03076 0	I' 72414 0	C' 00700 0	C' 34430 1
16,2430	I' 77621 1	I' 58325 0	C' 38013 0	C' 03076 0	I' 50021 1	C' 00001 0	C' 34461 0	I' 41325 0
16,2440	C' 00111 0	C' 38023 0	I' 85221 0	C' 03076 0	C' 03727 0	I' 80405 0	C' 38025 0	I' 41471 0
16,2450	I' 51021 0	C' 00003 1	C' 34475 0	I' 55345 0	I' 43205 1	C' 38025 0	C' 38021 1	I' 77650 1
16,2460	C' 34466 1	I' 41345 0	C' 03076 0	I' 58215 1	C' 38015 0	C' 38017 1	I' 77778 1	07228 0
16,2470	30154 1	58001 0	34714 1	53430 0	02477 1	I' 77414 0	C' 01266 1	05301 0
16,2500	C' 00003 1	15112 1	06008 1	I' 77650 1	C' 34431 0	C' 01531 1	I' 43020 1	C' 00300 1
16,2510	C' 01483 1	I' 77745 1	C' 01046 1	C' 02807 1	I' 43175 0	C' 02028 1	C' 00462 1	C' 14001 0
16,2520	C' 02807 1	C' 34007 1	C' 55341 1	I' 77742 0	C' 16152 0	C' 02807 1	I' 77624 1	C' 28322 0
16,2530	I' 77624 1	C' 61338 0	I' 77776 1	32505 0	04555 0	C' 20824 0	04108 1	02541 0
16,2540	02533 0	08008 1	I' 77624 1	C' 61345 1	I' 45145 0	C' 02807 1	C' 28373 1	I' 53575 0
16,2550	C' 02152 0	C' 14307 0	C' 02807 1	C' 34041 0	C' 27022 1	I' 47375 0	C' 00001 0	C' 00007 0
16,2560	I' 53435 0	C' 00307 0	C' 00323 0	I' 53435 0	C' 00307 0	C' 34315 1	C' 00300 1	I' 41345 0
16,2570	C' 00737 1	C' 00747 0	I' 77676 0	I' 70525 1	C' 00741 0	I' 41325 0	C' 00745 1	C' 00747 0
16,2600	I' 76466 1	C' 02714 1	I' 41345 0	C' 00743 1	C' 00741 0	I' 77752 1	C' 00033 1	I' 77605 1
16,2610	C' 00737 1	I' 41325 0	C' 00751 1	C' 00745 1	I' 77825 0	I' 41325 0	C' 00743 1	C' 00747 0
16,2620	I' 77676 0	I' 41325 0	C' 00751 1	C' 00737 1	I' 41325 0	C' 00745 1	C' 00033 1	I' 55415 1
16,2630	I' 77772 0	C' 02730 1	I' 76435 1	C' 02714 1	C' 02722 1	I' 77616 0	I' 77620 0	C' 00300 1
16,2640	C' 34041 0	C' 27045 0	I' 77601 0	C' 00001 0	I' 57575 1	C' 00001 0	I' 77656 1	C' 24323 0
16,2650	C' 00007 0	I' 53435 0	C' 00001 0	C' 00315 0	I' 53435 0	C' 00323 0	C' 34307 1	C' 00300 1
16,2660	40102 0	74105 0	00008 1	83142 0	34731 0	05140 1	C' 02860 0	C' 34066 0
16,2670	30032 0	57672 0	57673 1	31450 1	00008 1	21672 1	55476 1	00008 1
16,2700	77705 0	55674 1	38214 0	05140 1	C' 03313 0	C' 34066 0	04633 0	C' 42404 1
16,2710	34676 1	00008 1	02011 0	10000 0	12720 1	34711 1	55661 0	12750 0
16,2720	11653 1	12725 1	12731 1	12723 1	12715 1	55663 1	31474 1	55662 0
16,2730	12741 0	04633 0	C' 13243 0	03145 1	41647 1	61474 1	55662 0	34374 0
16,2740	55663 1	25661 1	31662 1	55474 0	31663 0	55653 1	55444 0	25661 1
16,2750	11447 0	12755 0	12773 1	12761 1	12773 1	55707 1	34716 0	55661 0
16,2760	13122 1	31652 1	00008 1	62770 0	55446 1	34715 0	55661 0	13053 0
16,2770	34707 0	55661 0	13125 0	34676 1	00008 1	02011 0	10000 0	13001 1



OCIAL LISTING FOR PARAGRAPH J 112, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

16,3000	13142 1	40105 1	74674 1	26105 1	31466 1	74676 0	00006 1	13013 1
16,3010	34710 0	55661 0	13050 0	31420 0	00006 1	74706 0	22000 1	00006 1
16,3020	70000 0	22000 1	00006 1	71646 0	20001 1	20001 1	55702 1	25661 1
16,3030	37677 0	55635 1	31414 1	60000 1	60000 1	55644 1	31702 0	55646 0
16,3040	03154 1	11614 1	13047 0	13047 0	13047 0	34707 0	55664 0	25661 1
16,3050	31422 1	55446 1	25661 1	31466 1	74676 0	00006 1	13060 0	31446 0
16,3060	61446 0	55445 1	37716 0	55707 1	00006 1	31628 1	53704 1	41425 1
16,3070	61621 0	00006 1	71445 1	20001 1	20001 1	21704 1	00006 1	31630 0
16,3100	53706 0	41426 1	61623 1	00006 1	71445 1	20001 1	20001 1	21706 0
16,3110	25661 1	00006 1	31704 0	55425 1	53626 0	00006 1	31706 1	55426 1
16,3120	53630 1	25661 1	31707 0	55447 0	25661 1	11664 0	13131 0	13133 1
16,3130	13142 1	55710 1	13137 0	31412 1	55614 1	37716 0	55710 1	25661 1
16,3140	31710 0	55664 0	34714 1	55661 0	15213 0	31470 0	00006 1	73164 0
16,3150	20001 1	20001 1	20001 1	55650 1	31646 1	00006 1	71472 0	20001 1
16,3160	20001 1	20001 1	55651 0	00002 0	C' 33074 1	22016 0	00006 1	22012 1
16,3170	11661 0	13173 0	13177 1	34334 1	05140 1	C' 03271 0	C' 34066 0	47700 0
16,3200	71654 0	10000 0	13256 1	13205 1	13262 0	34703 1	64700 1	00006 1
16,3210	05012 1	33275 1	55312 1	33301 0	54030 0	15222 1	22016 0	34711 1
16,3220	00006 1	05012 1	33277 0	55312 1	37700 1	54030 0	15224 1	22016 0
16,3230	00006 1	22012 1	44714 0	61631 1	54054 1	44714 0	61632 1	54053 0
16,3240	34755 1	00006 1	05014 1	41654 0	00006 1	63250 0	04574 0	C' 36033 1
16,3250	11614 1	13266 1	13254 0	13266 1	04574 0	C' 36160 0	51654 1	33275 1
16,3260	04637 1	13205 1	00006 1	31426 0	53632 0	13205 1	34714 1	55614 1
16,3270	13254 0	51661 1	33301 0	50000 1	10000 0	C' 03216 1	C' 40561 1	C' 03227 0
16,3300	C' 41037 0	C' 37772 1	C' 02742 1	C' 02750 1	C' 03030 1	C' 03050 1	C' 03053 1	C' 03111 0
16,3310	C' 03122 0	C' 03125 1	C' 03140 1	31672 0	00006 1	21673 0	00006 1	74706 0
16,3320	22000 1	55533 1	31611 0	00006 1	13326 1	13334 1	31613 1	00006 1
16,3330	13334 1	34714 1	55613 0	15213 0	41533 1	00006 1	71650 1	00006 1
16,3340	71533 1	63727 0	55613 0	31533 0	00006 1	63350 1	34712 1	13351 1
16,3350	44712 0	55676 0	00006 1	71613 0	40001 1	61674 0	55677 1	00006 1
16,3360	63363 1	34371 0	13364 1	34674 0	55700 0	51700 1	01676 1	40000 0
16,3370	00006 1	63442 0	51700 1	01533 0	55701 1	63735 0	00006 1	63521 1

OCAL LISTING FOR PARAGRAPH J 114, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ABA (CONSTANTS)

17,2000	C' 00000 1	C' 00310 0	C' 77715 1	C' 77777 0	C' 17802 0	C' 25124 1	C' 00000 1	C' 00820 0
17,2010	C' 00040 0	C' 00000 1	C' 00001 0	C' 27221 0	C' 00000 1	C' 22244 0	C' 00570 0	C' 33235 0
17,2020	C' 00144 0	C' 00000 1	C' 01274 1	C' 00000 1	C' 00764 1	C' 00000 1	C' 00000 1	C' 04283 1
17,2030	22016 0	00006 1	22012 1	32205 1	10000 0	55447 0	34714 1	54001 1
17,2040	51447 1	53530 1	11447 0	12034 0	00008 1	32212 1	53313 0	34872 0
17,2050	54030 0	15222 1	22016 0	00008 1	22012 1	04833 0	C' 13207 0	30110 1
17,2060	00006 1	72206 0	55647 1	40000 0	61474 1	55862 0	31486 1	74675 0
17,2070	10000 0	34712 1	55447 0	51447 1	31418 0	55646 0	04833 0	C' 35145 1
17,2100	31420 0	54001 1	34711 1	51447 1	30000 1	55644 1	40000 0	84672 0
17,2110	64712 1	55635 1	44874 1	70105 1	54105 1	51447 1	31413 0	00006 1
17,2120	71844 1	22000 1	53845 0	51447 1	31423 0	55652 0	37716 0	55864 0
17,2130	34374 0	55653 1	55444 0	31421 1	54001 1	60000 1	22000 1	51447 1
17,2140	30000 1	67716 0	55447 0	31425 0	55825 0	55631 0	55621 1	31426 0
17,2150	55627 1	55632 0	55623 0	41501 0	74710 1	27501 0	04833 0	C' 42404 1
17,2160	34714 1	55654 0	30032 0	55872 1	34676 1	00006 1	02011 0	00006 1
17,2170	12173 1	31862 1	55474 0	34731 0	05140 1	C' 02860 0	C' 34086 0	00006 1
17,2200	32210 0	53313 0	31835 0	54030 0	15222 1	C' 00101 1	C' 03720 1	C' 03111 0
17,2210	C' 40066 0	C' 02052 1	C' 38068 1	00008 1	31564 1	20001 1	20001 1	53562 0
17,2220	31742 1	00006 1	71427 0	21562 0	31561 1	00006 1	71651 0	53745 1
17,2230	31562 1	00006 1	71651 0	22007 0	22000 1	21745 1	53745 1	20001 1
17,2240	20001 1	20001 1	20001 1	53745 1	04574 0	C' 40441 1	00006 1	31542 0
17,2250	53737 1	41561 0	00006 1	71436 0	21737 1	41562 0	00006 1	71436 0
17,2260	27737 1	54001 1	12264 1	27736 0	41561 0	00006 1	71437 1	27737 1
17,2270	54001 1	12273 1	27736 0	31742 1	00006 1	71430 0	21737 1	31742 1
17,2300	00006 1	71431 1	27737 1	54001 1	12306 1	27736 0	00006 1	31544 0
17,2310	53712 0	41561 0	00006 1	71440 1	21712 0	41562 0	00006 1	71440 1
17,2320	27712 0	54001 1	12324 1	27711 0	41561 0	00006 1	71441 0	27712 0
17,2330	54001 1	12333 1	27711 0	31742 1	00006 1	71432 1	21712 0	31742 1
17,2340	00006 1	71433 0	27712 0	54001 1	12346 0	27711 0	41561 0	00006 1
17,2350	71442 0	53714 0	41562 0	00006 1	71442 0	27714 0	54001 1	12361 0
17,2360	27713 1	41561 0	00006 1	71443 1	27714 0	54001 1	12370 0	27713 1
17,2370	31742 1	00006 1	71434 1	21714 0	31742 1	00006 1	71435 0	27714 0



OCTAL LISTING FOR PARAGRAPH J 115, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED *siA* (INTERPRETIVE OPERATOR WORDS) OR *siCs* (CONSTANTS)

17,2400	54001 1	12403 0	27713 1	04574 0	C' 40528 1	00008 1	31610 1	20001 1
17,2410	20001 1	53806 1	31742 1	00008 1	71427 0	21608 1	31805 0	00008 1
17,2420	71651 0	53745 1	31608 0	00008 1	71651 0	22007 0	22000 1	21745 1
17,2430	53745 1	20001 1	20001 1	20001 1	20001 1	53745 1	04574 0	C' 40730 1
17,2440	00008 1	31566 0	53737 1	41605 1	00008 1	71438 0	21737 1	41608 1
17,2450	00008 1	71436 0	27737 1	54001 1	12456 0	27738 0	41605 1	00008 1
17,2460	71437 1	27737 1	54001 1	12465 0	27736 0	31742 1	00008 1	71430 0
17,2470	21737 1	31742 1	00008 1	71431 1	27737 1	54001 1	12500 1	27738 0
17,2500	00008 1	31570 1	53712 0	41605 1	00008 1	71440 1	21712 0	41608 1
17,2510	00008 1	71440 1	27712 0	54001 1	12516 0	27711 0	41605 1	00008 1
17,2520	71441 0	27712 0	54001 1	12525 0	27711 0	31742 1	00008 1	71432 1
17,2530	21712 0	31742 1	00008 1	71433 0	27712 0	54001 1	12540 0	27711 0
17,2540	41605 1	00008 1	71442 0	53714 0	41608 1	00008 1	71442 0	27714 0
17,2550	54001 1	12553 1	27713 1	41605 1	00008 1	71443 1	27714 0	54001 1
17,2560	12562 0	27713 1	31742 1	00008 1	71434 1	21714 0	31742 1	00008 1
17,2570	71435 0	27714 0	54001 1	12575 0	27713 1	04574 0	C' 41015 0	22016 0
17,2600	32861 1	61634 1	54030 0	12606 1	32862 1	54030 0	33340 0	54031 1
17,2610	34674 0	00008 1	05013 0	00008 1	22012 1	32860 0	00008 1	06031 0
17,2620	72660 1	00008 1	12663 1	55502 0	00008 1	74702 1	76214 1	55513 0
17,2630	55514 1	31502 1	00008 1	74704 1	76214 1	55515 0	31502 1	00008 1
17,2640	74708 0	76214 1	55516 0	31468 1	74675 0	00008 1	12651 0	46214 1
17,2650	12652 0	44711 0	55617 1	11631 0	55513 0	12667 0	55514 1	12667 0
17,2660	C' 07700 1	C' 37772 1	C' 37778 0	55513 0	55514 1	55515 0	55518 0	11562 0
17,2670	34712 1	12673 0	34711 1	55520 0	11626 0	12701 1	12711 0	12703 0
17,2700	12711 0	34334 1	12713 1	35856 1	12713 1	C' 00000 1	C' 00003 1	C' 00006 1
17,2710	C' 00000 1	51513 1	32705 1	61520 1	50000 1	32741 1	72760 0	55453 0
17,2720	00008 1	74704 1	55523 0	11563 1	34712 1	12727 0	34711 1	55521 1
17,2730	11627 1	12735 0	12762 1	12737 1	12762 1	34334 1	12764 1	35856 1
17,2740	12764 1	C' 00000 1	C' 05125 1	C' 05252 1	C' 00231 1	C' 02421 1	C' 02610 1	C' 00146 1
17,2750	C' 02504 1	C' 02442 1	C' 00000 1	C' 02421 1	C' 02442 1	C' 00000 1	C' 02504 1	C' 02610 1
17,2760	C' 01417 1	C' 06360 1	51514 0	32705 1	61521 0	50000 1	32741 1	72761 1
17,2770	55455 0	00008 1	74708 0	55524 1	11561 0	34712 1	13000 0	34711 1



OCAL LISTING FOR PARAGRAPH J 116, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" B DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR A C B (CONSTANTS)

17,3000	55517 1	11630 1	13073 1	13073 1	13005 0	11626 0	13012 0	13022 0
17,3010	13014 0	13022 0	34334 1	13024 0	35656 1	13024 0	C' 00000 1	C' 00001 0
17,3020	C' 00002 0	C' 00000 1	51515 1	32705 1	61517 0	50000 1	33155 0	73174 1
17,3030	55451 1	31516 1	00006 1	63085 1	11627 1	36214 0	13040 1	36211 0
17,3040	51516 1	63016 0	50000 1	33176 1	73207 0	61451 0	55502 0	00006 1
17,3050	74704 1	66061 0	55522 1	00006 1	13060 0	31502 1	55451 1	13321 0
17,3060	11561 0	13065 0	13055 0	13065 0	13055 0	31451 0	00006 1	74704 1
17,3070	67715 0	55522 1	13321 0	11627 1	13100 1	13104 0	13102 0	13104 0
17,3100	34334 1	13106 1	35656 1	13106 1	51516 1	32705 1	61517 0	50000 1
17,3110	33155 0	73175 0	55451 1	31515 1	00006 1	13147 1	11626 0	36214 0
17,3120	13122 1	36211 0	51515 1	63016 0	50000 1	33176 1	73210 0	61451 0
17,3130	55502 0	00006 1	74707 1	66061 0	55522 1	00006 1	13142 1	31502 1
17,3140	55451 1	13321 0	11561 0	13147 1	13137 0	13147 1	13137 0	31451 0
17,3150	00006 1	74707 1	67715 0	55522 1	13321 0	C' 11000 1	C' 22125 1	C' 00252 1
17,3160	C' 11231 1	C' 15421 1	C' 04610 1	C' 11146 1	C' 15504 1	C' 04442 1	C' 11000 1	C' 15504 1
17,3170	C' 04610 1	C' 11000 1	C' 15421 1	C' 04442 1	C' 03760 0	C' 34017 0	C' 11000 1	C' 11231 1
17,3200	C' 11146 1	C' 11000 1	C' 04610 1	C' 15504 1	C' 11000 1	C' 15421 1	C' 04442 1	C' 03417 0
17,3210	C' 34360 0	11562 0	13221 1	13215 0	13217 1	55550 1	13417 1	41523 0
17,3220	55523 0	31562 1	00006 1	51523 1	73400 1	55461 1	63333 1	00006 1
17,3230	63241 0	51523 1	33334 0	55550 1	40000 0	27562 0	33335 1	55461 1
17,3240	13404 0	41461 1	63340 0	00006 1	63247 0	33340 0	55461 1	31461 0
17,3250	00006 1	71523 0	23550 0	55562 0	13404 0	11563 1	13265 1	13261 0
17,3260	13263 1	55551 0	13563 0	41524 1	55524 1	31563 0	00006 1	51524 0
17,3270	73400 1	55463 0	63333 1	00006 1	63305 1	51524 0	33334 0	55551 0
17,3300	40000 0	27563 1	33335 1	55463 0	13550 0	41463 0	63340 0	00006 1
17,3310	63313 0	33340 0	55463 0	31463 1	00006 1	71524 1	23551 1	55563 1
17,3320	13550 0	11561 0	13341 0	13325 1	13341 0	51522 0	33334 0	55547 1
17,3330	13543 1	C' 77037 0	C' 77277 0	C' 77537 0	C' 00000 1	C' 00240 1	C' 00500 1	C' 00740 1
17,3340	C' 00027 1	31561 1	00006 1	51522 0	73400 1	55457 1	63333 1	00006 1
17,3350	63361 0	51522 0	33334 0	55547 1	40000 0	27561 0	33335 1	55457 1
17,3360	13424 1	41457 1	63340 0	00006 1	63367 0	33340 0	55457 1	31457 0
17,3370	00006 1	71522 1	23547 0	55561 0	13424 1	C' 65252 1	C' 57777 1	C' 40000 0



OCAL LISTING FOR PARAGRAPH J 120, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

20,2000	I' 77214 0	C' 01066 0	C' 15332 1	C' 03126 1	I' 77776 1	34672 0	55447 0	06006 1
20,2010	I' 52014 0	C' 01264 0	C' 03857 0	I' 77776 1	05537 0	C' 01407 0	06006 1	I' 77650 1
20,2020	C' 03657 0	I' 77214 0	C' 00711 0	C' 03857 0	C' 15332 1	C' 03126 1	I' 77776 1	44714 0
20,2030	55653 1	55663 1	55652 0	55145 1	06006 1	I' 52014 0	C' 01264 0	C' 03657 0
20,2040	40102 0	74105 0	00008 1	62045 1	15213 0	44712 0	55445 1	34712 1
20,2050	55447 0	44714 0	55303 1	44711 0	00006 1	03012 1	32143 0	00008 1
20,2060	05012 1	05156 0	C' 00006 1	34711 1	00006 1	05012 1	05156 0	C' 00002 0
20,2070	11447 0	12131 1	31445 0	55447 0	00006 1	62127 1	44714 0	55447 0
20,2100	32145 0	02114 1	32144 1	02114 1	32145 0	02114 1	41447 0	10000 0
20,2110	12127 0	44712 0	55447 0	12100 0	00006 1	23146 0	51447 1	54054 1
20,2120	51447 1	34700 1	00006 1	05014 1	05156 0	C' 00310 0	01146 0	05156 0
20,2130	C' 00620 0	44714 0	61425 0	54054 1	44714 0	61426 0	54053 0	34755 1
20,2140	00006 1	05014 1	15213 0	C' 02200 1	C' 77527 1	C' 00124 0	31466 1	76214 1
20,2150	60000 1	55130 0	00004 0	31466 1	74371 1	67705 1	00006 1	12164 1
20,2160	44711 0	70103 1	54103 1	12167 1	40103 1	74711 0	26103 1	00003 1
20,2170	31466 1	74707 1	00006 1	62175 0	32275 0	82276 0	55655 1	31466 1
20,2200	74704 1	00006 1	62204 0	34712 1	55631 0	31466 1	74701 1	00006 1
20,2210	62212 1	44712 0	27631 0	00004 0	00006 1	12222 0	40075 1	74674 1
20,2220	26075 1	12225 1	44674 1	70075 1	54075 1	00003 1	31467 0	74676 0
20,2230	00006 1	62233 1	12234 1	44712 0	40000 0	55630 1	31467 0	74701 1
20,2240	10000 0	12245 1	34712 1	55626 0	12255 0	34714 1	55626 0	31467 0
20,2250	74707 1	10000 0	12255 0	44712 0	55626 0	31467 0	74704 1	10000 0
20,2260	12264 1	34712 1	55627 1	00002 0	34714 1	55627 1	31467 0	74712 0
20,2270	10000 0	00002 0	44712 0	55627 1	00002 0	C' 00631 0	C' 00056 1	31470 0
20,2300	00006 1	72324 1	55623 0	31471 1	00006 1	72324 1	55624 1	55625 0
20,2310	00006 1	32326 1	00006 1	11470 1	55620 0	00006 1	32326 1	00006 1
20,2320	11471 0	55621 1	55622 1	00002 0	C' 25137 0	C' 00023 0	C' 12522 1	22016 0
20,2330	00006 1	22012 1	33420 1	55312 1	31635 0	54030 0	11614 1	03506 1
20,2340	12342 1	03506 1	30033 1	57655 0	00006 1	21655 1	02547 0	55657 0
20,2350	30034 0	57656 0	00006 1	21656 1	02547 0	55660 1	00006 1	31616 1
20,2360	53743 1	00006 1	31530 0	21743 1	40746 0	00006 1	70750 1	20001 1
20,2370	00006 1	71657 0	20001 1	53536 1	41660 1	00006 1	70742 1	20001 1



OCTAL LISTING FOR PARAGRAPH J 121, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

20,2400	21536 1	00008 1	41538 1	21743 1	03128 1	31466 1	74675 0	10000 0
20,2410	12413 1	04574 0	C' 38213 1	00008 1	41544 1	53745 1	31742 1	61541 0
20,2420	00006 1	74727 0	21745 1	31542 0	00008 1	74727 0	27745 1	54001 1
20,2430	12432 1	27744 0	00008 1	31745 0	20001 1	20001 1	20001 1	53727 0
20,2440	03141 0	00008 1	41745 1	53745 1	00008 1	31628 1	21745 1	31745 0
20,2450	60000 1	54001 1	34714 1	61744 1	03161 1	41631 0	61744 1	28054 1
20,2460	34700 1	00008 1	05014 1	31466 1	74675 0	10000 0	12471 0	04574 0
20,2470	C' 36246 1	31742 1	60000 1	55717 0	00008 1	31546 1	53721 0	00008 1
20,2500	31550 0	53723 1	00008 1	31552 1	53725 1	03173 1	00008 1	31554 1
20,2510	53731 1	00008 1	31556 0	53733 0	00008 1	31560 0	53735 0	00008 1
20,2520	31562 1	53737 1	00008 1	31564 1	53741 0	03233 0	31744 1	00008 1
20,2530	73421 1	53716 1	31621 0	00006 1	73422 1	21716 1	31622 0	00006 1
20,2540	73422 1	27716 1	54001 1	12545 0	27715 1	02560 0	15222 1	55744 0
20,2550	00008 1	73415 0	00008 1	12556 1	34714 1	55744 0	31744 1	00002 0
20,2560	25654 1	00008 1	31720 0	53546 0	00008 1	31722 1	53550 1	00008 1
20,2570	31724 1	53552 0	00008 1	31727 1	53554 0	00006 1	31731 0	53556 1
20,2600	00008 1	31733 1	53560 1	00008 1	31735 1	53562 0	00008 1	31737 0
20,2610	53564 0	00008 1	31743 0	55477 0	53616 0	00006 1	31712 1	53542 1
20,2620	00006 1	31714 1	53544 1	31744 1	55631 0	00008 1	31716 0	53622 1
20,2630	25654 1	00002 0	22016 0	00006 1	22012 1	33416 1	55312 1	31635 0
20,2640	54030 0	11614 1	03506 1	12645 0	03506 1	00006 1	31620 1	53743 1
20,2650	00006 1	31532 1	21743 1	30746 1	00008 1	70742 1	20001 1	00008 1
20,2660	71657 0	20001 1	53540 0	41660 1	00006 1	70750 1	20001 1	21540 0
20,2670	00006 1	41540 0	21743 1	03126 1	31466 1	74675 0	10000 0	12702 1
20,2700	04574 0	C' 36405 0	00008 1	41570 0	53745 1	31742 1	61565 0	00008 1
20,2710	74727 0	21745 1	31566 0	00006 1	74727 0	27745 1	54001 1	12721 0
20,2720	27744 0	00008 1	31745 0	20001 1	20001 1	20001 1	53727 0	03141 0
20,2730	00006 1	41745 1	53745 1	00006 1	31630 0	21745 1	31745 0	60000 1
20,2740	54001 1	34714 1	61744 1	03181 1	41632 0	61744 1	28053 0	34677 0
20,2750	00006 1	05014 1	31466 1	74675 0	10000 0	12760 0	04574 0	C' 36440 1
20,2760	31742 1	60000 1	55717 0	00006 1	31572 0	53721 0	00008 1	31574 0
20,2770	53723 1	00006 1	31576 1	53725 1	03173 1	00006 1	31600 0	53731 1



OCTAL LISTING FOR PARAGRAPH J 122, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

20,3000	00006 1	31802 1	53733 0	00006 1	31804 1	53735 0	00006 1	31808 0
20,3010	53737 1	00006 1	31810 1	53741 0	03233 0	31744 1	00006 1	73421 1
20,3020	53718 1	31823 1	00006 1	73422 1	21716 1	31624 0	00006 1	73422 1
20,3030	27718 1	54001 1	13034 1	27715 1	03038 1	15222 1	25654 1	00006 1
20,3040	31720 0	53572 1	00006 1	31722 1	53574 1	00006 1	31724 1	53576 0
20,3050	00006 1	31727 1	53800 1	00006 1	31731 0	53802 0	00006 1	31733 1
20,3060	53804 0	00006 1	31735 1	53808 1	00006 1	31737 0	53810 0	00006 1
20,3070	31743 0	55500 1	53820 0	00006 1	31712 1	53586 1	00006 1	31714 1
20,3100	53570 0	31744 1	55832 0	00006 1	31718 0	53824 1	34714 1	55654 0
20,3110	00002 0	22018 0	37718 0	81835 0	64874 0	81835 0	54030 0	33418 1
20,3120	55312 1	30033 1	55855 1	30034 0	55858 1	15224 1	31742 1	00006 1
20,3130	74710 1	00006 1	13140 0	11742 0	34878 1	13137 0	44876 0	55742 0
20,3140	00002 0	31744 1	00006 1	71651 0	53745 1	22000 1	00006 1	71651 0
20,3150	27745 1	54001 1	13154 0	27744 0	53745 1	20001 1	20001 1	53745 1
20,3160	00002 0	00006 1	73414 1	00006 1	13172 1	11744 0	33413 1	13171 1
20,3170	43413 0	55744 0	00002 0	31717 1	00006 1	73423 0	53712 0	31720 0
20,3200	00006 1	73424 1	21712 0	31721 1	00006 1	73425 0	21712 0	31722 1
20,3210	00006 1	73428 0	21712 0	31723 0	00006 1	73427 1	21712 0	31724 1
20,3220	00006 1	73430 1	21712 0	31725 0	00006 1	73431 0	21712 0	53712 0
20,3230	20001 1	53712 0	00002 0	31728 0	00006 1	73432 0	53714 0	31728 0
20,3240	00006 1	73433 1	27714 0	54001 1	13248 0	27713 1	31727 1	00006 1
20,3250	73432 0	27714 0	54001 1	13255 1	27713 1	31730 1	00006 1	73434 0
20,3260	21714 0	31730 1	00006 1	73435 1	27714 0	54001 1	13270 0	27713 1
20,3270	31731 0	00006 1	73434 0	27714 0	54001 1	13277 1	27713 1	31732 0
20,3300	00006 1	73438 1	21714 0	31732 0	00006 1	73437 0	27714 0	54001 1
20,3310	13312 0	27713 1	31733 1	00006 1	73438 1	27714 0	54001 1	13321 0
20,3320	27713 1	31734 0	00006 1	73440 0	21714 0	31734 0	00006 1	73441 1
20,3330	27714 0	54001 1	13334 1	27713 1	31735 1	00006 1	73440 0	27714 0
20,3340	54001 1	13343 1	27713 1	31738 1	00006 1	73442 1	21714 0	31738 1
20,3350	00006 1	73443 0	27714 0	54001 1	13358 0	27713 1	31737 0	00006 1
20,3360	73442 1	27714 0	54001 1	13365 0	27713 1	31740 0	00006 1	73444 1
20,3370	21714 0	31740 0	00006 1	73445 0	27714 0	54001 1	13400 1	27713 1



OCTAL LISTING FOR PARAGRAPH J 124, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

21,2000	22016 0	00008 1	22012 1	02010 1	15222 1	C' 02108 1	C' 42108 0	C' 37704 0
21,2010	32007 1	54030 0	55465 0	41501 0	74710 1	27501 0	00006 1	32008 0
21,2020	53313 0	44105 0	70102 0	64675 1	54102 0	00002 0	55512 1	00006 1
21,2030	71511 1	55511 1	34714 1	57510 1	00006 1	71512 1	21511 1	00002 0
21,2040	21511 1	00006 1	12057 0	11510 0	12060 1	12047 1	12062 0	11511 1
21,2050	12065 1	12053 1	40000 0	64672 0	55511 1	34672 0	55510 0	00002 0
21,2060	64674 0	12056 1	40000 0	64672 0	12056 1	64674 0	55511 1	34674 0
21,2070	12056 1	22016 0	31465 1	00006 1	62076 1	12100 0	44712 0	55465 0
21,2100	00006 1	32105 1	53313 0	12107 1	C' 02108 1	C' 42066 1	22016 0	00006 1
21,2110	22012 1	34674 0	00006 1	02031 1	00006 1	12144 0	41501 0	74675 0
21,2120	27501 0	34672 0	55332 0	34714 1	55567 0	55570 0	55571 1	34675 1
21,2130	00006 1	02031 1	00006 1	12144 0	55465 0	37676 1	54030 0	02616 1
21,2140	12334 0	C' 37770 0	C' 37776 0	C' 37634 1	11465 0	12530 1	12645 0	12532 0
21,2150	55465 0	30030 1	55634 0	32142 1	54030 0	41321 1	74705 0	10000 0
21,2160	12174 0	41501 0	74675 0	27501 0	34675 1	55332 0	00006 1	02031 1
21,2170	00006 1	12403 0	12520 0	C' 00030 1	31501 1	74675 0	00006 1	12201 1
21,2200	12334 0	34711 1	55506 1	60000 1	55507 0	51507 1	41552 0	00006 1
21,2210	51617 0	73063 0	51507 1	21553 1	00006 1	51507 1	41534 0	53511 1
21,2220	34676 1	02026 1	53511 1	51507 1	21553 1	11506 1	12202 1	30032 0
21,2230	57635 0	00006 1	21635 1	40000 0	22007 0	53516 0	30033 1	57636 0
21,2240	00006 1	21636 1	40000 0	55502 0	00006 1	71640 0	21516 0	31641 0
21,2250	00006 1	71502 0	53520 0	31643 1	00006 1	71502 0	53522 1	30034 0
21,2260	57637 1	00006 1	21637 0	40000 0	55502 0	00006 1	71642 1	21520 0
21,2270	31644 0	00006 1	71502 0	21522 1	34711 1	55506 1	60000 1	55507 0
21,2300	00006 1	51507 1	31516 1	51507 1	21553 1	00006 1	51507 1	31516 1
21,2310	51507 1	21542 1	51507 1	31552 1	60000 1	60000 1	00006 1	51617 0
21,2320	73101 0	51507 1	21534 0	51506 0	31620 1	00006 1	51506 0	71547 1
21,2330	51507 1	21534 0	11506 1	12275 1	31560 0	74721 0	10000 0	12345 0
21,2340	37671 0	05027 1	C' 03444 0	C' 44066 1	34334 1	55560 1	41332 0	00006 1
21,2350	62375 1	34711 1	55506 1	60000 1	55507 0	00006 1	50000 1	31647 0
21,2360	53511 1	00006 1	51507 1	31576 1	02040 1	00006 1	31511 0	51506 0
21,2370	55572 1	51507 1	53647 1	11506 1	12352 0	41501 0	74707 1	00006 1

OCTAL LISTING FOR PARAGRAPH J 125, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

21,2400	13144 1	27501 0	02404 0	15222 1	34707 0	00006 1	02012 0	00006 1
21,2410	12415 1	41501 0	74710 1	27501 0	00002 0	31501 1	78211 1	00006 1
21,2420	12455 0	74710 1	00006 1	12446 1	44705 0	00006 1	03012 1	44714 0
21,2430	55476 1	55477 0	55500 1	55503 1	55504 0	55505 1	54050 0	54051 1
21,2440	54052 1	46211 1	71501 0	64711 1	55501 0	00002 0	34705 1	00006 1
21,2450	05012 1	46211 1	71501 0	55501 0	00002 0	34705 1	00006 1	02012 0
21,2460	00006 1	12411 0	34711 1	55506 1	44676 0	00006 1	51506 0	71476 1
21,2470	54001 1	10000 0	32528 1	12475 1	42526 0	60001 0	55502 0	12503 1
21,2500	50000 1	32528 1	54001 1	51506 0	41503 1	60001 0	51506 0	26050 0
21,2510	51506 0	23503 0	11506 1	12463 0	37707 0	00006 1	05014 1	00002 0
21,2520	32524 0	54030 0	55465 0	15222 1	C' 37754 0	C' 77177 0	C' 37200 1	C' 00600 1
21,2530	34712 1	55332 0	04633 0	C' 40146 0	04633 0	C' 40277 1	32607 1	55506 1
21,2540	34714 1	51506 0	55525 0	11506 1	12537 0	02616 1	44714 0	55633 1
21,2550	55632 0	32610 1	55654 0	34710 0	55634 0	34717 1	55617 1	30032 0
21,2560	55635 1	30033 1	55636 1	30034 0	55637 0	34714 1	55465 0	41321 1
21,2570	74705 0	10000 0	12576 0	55617 1	32612 0	12603 1	37671 0	05027 1
21,2600	C' 03444 0	C' 44066 1	32611 0	55501 0	C' 32613 1	54030 0	05222 0	C' 00044 1
21,2610	C' 07534 1	C' 00004 0	C' 20004 1	C' 37772 1	C' 03644 1	C' 36066 1	34717 1	55506 1
21,2620	34714 1	51506 0	55451 1	11506 1	12617 1	34710 0	55462 1	34717 1
21,2630	55464 1	44712 0	71501 0	55501 0	00006 1	32615 1	53311 1	33034 0
21,2640	54031 1	34674 0	00006 1	05013 0	00002 0	11617 1	13132 0	12651 0
21,2650	12651 0	32142 1	56030 1	27634 0	31501 1	74674 1	00006 1	12661 0
21,2660	44712 0	55617 1	43016 1	71501 0	55501 0	00006 1	00031 0	54001 1
21,2670	31632 1	00006 1	06001 0	73022 0	00006 1	62710 0	22000 1	55632 0
21,2700	30001 0	00006 1	74706 0	30001 0	27501 0	41501 0	73023 1	27501 0
21,2710	41632 0	73022 0	00006 1	63234 1	55332 0	03114 0	40075 1	74675 0
21,2720	26075 1	34675 1	00006 1	02031 1	00006 1	63035 1	31501 1	74675 0
21,2730	10000 0	12520 0	44715 1	61130 1	00006 1	62740 0	44712 0	55617 1
21,2740	34711 1	55506 1	60000 1	55507 0	51506 0	31656 0	00006 1	12771 0
21,2750	61130 1	54062 1	50002 0	33023 0	00006 1	74702 1	51507 1	53526 0
21,2760	31501 1	73023 1	00006 1	13001 1	34714 1	22007 0	51507 1	53542 1
21,2770	13007 1	22007 0	51507 1	53526 0	31501 1	73023 1	00006 1	13007 1



OCAL LISTING FOR PARAGRAPH J 126, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

21,3000	12764 1	50002 0	43023 1	00008 1	74704 1	51507 1	21542 1	51507 1
21,3010	31541 0	51508 0	55587 0	11508 1	12741 0	13425 0	C' 01780 1	C' 01400 1
21,3020	C' 00080 1	C' 00300 1	C' 00077 1	C' 16000 0	C' 00185 0	C' 77812 1	C' 00722 0	C' 77055 1
21,3030	C' 02215 0	C' 75582 1	C' 22151 1	C' 55628 0	C' 00027 1	51858 0	33047 1	55581 0
21,3040	51857 1	33047 1	55582 0	51880 0	33047 1	55583 1	13053 0	C' 00000 1
21,3050	C' 00740 1	C' 77037 0	C' 00000 1	34714 1	55587 0	55570 0	55571 1	13743 0
21,3060	C' 08804 0	C' 32703 1	C' 08804 0	C' 02031 1	C' 12132 1	C' 13030 0	C' 14047 1	C' 15241 1
21,3070	C' 18650 0	C' 20555 0	C' 23085 0	C' 26137 0	C' 32053 0	C' 35712 0	C' 00435 0	C' 13412 1
21,3100	C' 00435 0	C' 00032 0	C' 01350 0	C' 01575 1	C' 02103 1	C' 02523 1	C' 03327 1	C' 04432 0
21,3110	C' 08284 1	C' 11351 0	C' 17324 1	C' 33822 1	55502 0	76214 1	55857 0	31502 1
21,3120	00008 1	74878 0	55502 0	76214 1	55880 1	31502 1	00008 1	74878 0
21,3130	55858 1	00002 0	55817 1	32141 1	61834 1	54030 0	13141 1	32142 1
21,3140	54030 0	44714 0	55485 0	15222 1	44707 1	71501 0	55501 0	40074 0
21,3150	74702 1	00008 1	13161 0	00008 1	41570 0	53477 0	41571 1	55500 1
21,3160	15222 1	30105 0	74705 0	00008 1	13227 1	00008 1	31157 0	53514 1
21,3170	31155 1	00008 1	20032 1	55476 1	31513 1	00008 1	20033 0	55502 0
21,3200	00008 1	71840 0	27476 1	31502 1	00008 1	71841 1	55477 0	31502 1
21,3210	00008 1	71843 0	55500 1	31514 0	00008 1	20034 1	55502 0	00008 1
21,3220	71842 1	27477 0	31502 1	00008 1	71844 1	27500 1	15222 1	00008 1
21,3230	31335 0	53514 1	31333 0	13171 1	00008 1	00031 0	74875 0	00008 1
21,3240	83258 0	31501 1	74875 0	10000 0	12520 0	00008 1	00031 0	74878 0
21,3250	00008 1	83356 1	31332 1	00008 1	83308 1	13382 1	34712 1	55332 0
21,3260	00008 1	00032 0	54001 1	40000 0	73022 0	71833 1	23633 0	03114 0
21,3270	51858 0	33302 0	55581 0	51857 1	33302 0	55582 0	51880 0	33302 0
21,3300	55583 1	13053 0	C' 00000 1	C' 00027 1	C' 77750 0	C' 00000 1	30032 0	00008 1
21,3310	21572 1	55587 0	30033 1	00008 1	21573 0	55502 0	00008 1	71840 0
21,3320	27587 0	31502 1	00008 1	71841 1	55570 0	31502 1	00008 1	71843 0
21,3330	55571 1	30034 0	00008 1	21574 1	55502 0	00008 1	71842 1	27570 0
21,3340	31502 1	00008 1	71844 1	27571 1	41332 0	00008 1	63425 1	31584 1
21,3350	27587 0	31585 0	27570 0	31586 0	27571 1	13425 0	11332 0	13382 1
21,3360	13308 0	13382 1	34714 1	55525 0	55528 0	55527 1	55530 1	55531 0
21,3370	55532 0	55584 0	55585 1	55588 1	31501 1	73023 1	00008 1	13405 1

OCTAL LISTING FOR PARAGRAPH J 130, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AI (INTERPRETIVE OPERATOR WORDS) OR AC (CONSTANTS)

22,2000	06006 1	I' 77634 0	C' 44376 0	C' 03282 1	I' 72384 0	C' 03320 0	C' 03262 1	I' 77624 1
22,2010	C' 44405 0	I' 72384 0	C' 03425 1	C' 01156 1	I' 77624 1	C' 44405 0	I' 45180 1	C' 03320 0
22,2020	C' 44334 0	I' 77775 1	I' 77626 0	C' 50474 0	I' 77626 0	C' 50502 0	I' 77626 0	C' 74510 0
22,2030	I' 75160 1	C' 03286 0	C' 03425 1	I' 77624 1	C' 44304 0	I' 45575 1	C' 50335 1	I' 77626 0
22,2040	C' 50343 0	I' 77626 0	C' 74351 0	I' 45001 1	C' 00023 0	C' 44343 0	I' 45575 1	C' 50474 0
22,2050	I' 77626 0	C' 50502 0	I' 77626 0	C' 74510 0	I' 45345 1	C' 03271 0	C' 03430 0	I' 45325 1
22,2060	C' 03432 1	C' 03273 1	I' 45325 1	C' 03301 0	C' 03440 1	I' 77666 1	C' 03311 1	I' 43345 1
22,2070	C' 03426 1	C' 03446 1	I' 43225 0	C' 15322 0	C' 03438 0	C' 03317 1	I' 77726 1	C' 03365 1
22,2100	I' 51025 1	C' 04387 1	C' 44111 0	I' 77776 1	00004 0	44712 0	55332 0	03301 0
22,2110	12727 0	I' 45345 1	C' 03365 1	C' 04370 1	I' 77244 0	C' 44123 1	C' 03311 1	I' 77656 1
22,2120	C' 03343 0	I' 77650 1	C' 44736 0	I' 53375 0	C' 03426 1	C' 03267 1	I' 77762 1	C' 27267 1
22,2130	C' 03434 1	I' 74455 0	C' 03275 1	C' 27275 1	C' 03442 0	I' 74455 0	C' 03303 1	C' 03303 1
22,2140	I' 70545 1	C' 03317 1	I' 45325 1	C' 15330 0	C' 03317 1	I' 65204 1	C' 45707 0	C' 03307 0
22,2150	I' 56225 1	C' 00001 0	C' 00003 1	I' 65366 1	C' 03277 0	I' 56225 1	C' 00001 0	C' 00003 1
22,2160	I' 65366 1	C' 03287 1	I' 56225 1	C' 00001 0	C' 00003 1	I' 55566 1	I' 77856 1	C' 03343 0
22,2170	I' 45345 1	C' 03343 0	C' 03345 0	I' 71240 1	C' 44203 0	C' 03343 0	I' 50025 0	C' 03347 1
22,2200	C' 44260 0	I' 77650 1	C' 44234 1	I' 45345 1	C' 03345 0	C' 03347 1	I' 77640 0	C' 44260 0
22,2210	I' 51145 0	C' 03313 0	C' 44216 1	I' 57575 1	C' 03343 0	C' 03343 0	I' 51145 0	C' 03271 0
22,2220	C' 44224 0	I' 57545 1	C' 03343 0	C' 03343 0	I' 51145 0	C' 03301 0	C' 44736 0	I' 57545 1
22,2230	C' 03347 1	C' 03347 1	I' 77650 1	C' 44736 0	I' 51145 0	C' 03311 1	C' 44242 0	I' 57575 1
22,2240	C' 03343 0	C' 03343 0	I' 51145 0	C' 03271 0	C' 44250 0	I' 57545 1	C' 03345 0	C' 03345 0
22,2250	I' 51145 0	C' 03273 1	C' 44736 0	I' 57545 1	C' 03347 1	C' 03347 1	I' 77650 1	C' 44736 0
22,2260	I' 51145 0	C' 03315 0	C' 44266 0	I' 57575 1	C' 03343 0	C' 03343 0	I' 51145 0	C' 03273 1
22,2270	C' 44274 0	I' 57545 1	C' 03343 0	C' 03343 0	I' 51145 0	C' 03301 0	C' 44736 0	I' 57545 1
22,2300	C' 03345 0	C' 03345 0	I' 77650 1	C' 44736 0	I' 77601 0	C' 00001 0	I' 64743 0	C' 77762 1
22,2310	C' 77770 1	I' 55523 0	C' 77776 1	I' 64717 1	C' 00001 0	C' 77760 0	I' 64723 0	C' 77766 0
22,2320	C' 77774 0	I' 63666 1	C' 00001 0	I' 64723 0	C' 77756 0	C' 77764 1	I' 55523 0	C' 77772 0
22,2330	I' 41517 1	C' 00001 0	I' 77650 1	C' 44343 0	I' 76601 1	C' 00001 0	C' 00001 0	I' 62713 0
22,2340	C' 00007 0	C' 00015 0	I' 77606 1	I' 65345 0	C' 00003 1	C' 00007 0	C' 14003 1	I' 77626 0
22,2350	C' 63770 1	C' 00005 1	I' 77725 1	C' 00015 0	C' 14005 1	I' 77626 0	C' 63782 1	C' 00013 0
22,2360	I' 77725 1	C' 00017 1	C' 14013 0	I' 77626 0	C' 77760 0	I' 77616 0	C' 00013 0	C' 17071 1
22,2370	C' 15687 1	C' 33555 1	C' 67777 1	C' 04000 0	C' 00217 0	C' 17773 1	00004 0	30034 0

OCTAL LISTING FOR PARAGRAPH J 131, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

22,2400	54156 1	00006 1	30033 1	00003 1	16445 0	I' 66370 0	C' 00003 1	C' 00051 0
22,2410	C' 00001 0	C' 00010 0	I' 77801 0	C' 00001 0	I' 47133 0	C' 00013 0	C' 45510 1	C' 00013 0
22,2420	I' 65356 1	C' 00013 0	I' 41546 0	I' 71300 1	C' 44414 0	C' 00007 0	I' 72405 0	C' 00013 0
22,2430	C' 10001 1	I' 77745 1	C' 00005 1	I' 65205 0	C' 00001 0	C' 00007 0	I' 41205 0	C' 00011 1
22,2440	C' 00003 1	I' 44352 0	C' 00015 0	I' 77752 1	C' 10003 0	I' 77745 1	C' 00003 1	I' 65205 0
22,2450	C' 00005 1	C' 00007 0	I' 41205 0	C' 00011 1	C' 00001 0	I' 77752 1	I' 72415 1	C' 00017 1
22,2460	C' 10005 0	I' 77745 1	C' 00011 1	C' 10007 1	I' 77745 1	C' 00013 0	I' 72405 0	C' 00003 1
22,2470	C' 10011 0	I' 77745 1	C' 00013 0	I' 57405 1	C' 00001 0	I' 77752 1	C' 10013 1	I' 77745 1
22,2500	C' 00005 1	I' 57405 1	C' 00013 0	I' 77752 1	C' 10015 1	I' 77745 1	I' 72405 0	C' 00011 1
22,2510	I' 41325 0	C' 00007 0	C' 00001 0	I' 72415 1	I' 77626 0	C' 67760 1	I' 77745 1	I' 72405 0
22,2520	C' 00011 1	I' 41325 0	C' 00007 0	C' 00003 1	I' 72425 1	I' 77626 0	C' 67756 1	I' 77616 0
22,2530	I' 41401 1	C' 00001 0	I' 65356 1	I' 41546 0	I' 65302 0	I' 41021 1	C' 15330 0	C' 45707 0
22,2540	I' 77725 1	C' 03343 0	I' 41316 0	C' 00005 1	I' 52415 0	C' 00003 1	I' 77604 0	C' 45707 0
22,2550	C' 17426 1	C' 03345 0	I' 41316 0	C' 00005 1	I' 52415 0	C' 00003 1	I' 77604 0	C' 45707 0
22,2560	C' 17436 0	C' 03347 1	I' 41316 0	C' 00005 1	I' 52415 0	C' 00003 1	I' 77604 0	C' 45707 0
22,2570	C' 03446 1	I' 41345 0	C' 03343 0	C' 03345 0	I' 72405 0	C' 00005 1	I' 41325 0	C' 03347 1
22,2600	C' 00001 0	I' 43206 1	C' 00007 0	I' 41112 0	C' 45707 0	C' 17434 1	I' 62421 1	I' 77604 0
22,2610	C' 45707 0	C' 17430 0	C' 03343 0	I' 41205 0	C' 03347 1	C' 00005 1	I' 65352 0	C' 03345 0
22,2620	I' 41405 0	C' 00001 0	I' 62415 0	C' 00007 0	I' 77604 0	C' 45707 0	C' 17432 1	I' 62421 1
22,2630	I' 77804 0	C' 45707 0	C' 17442 0	C' 03345 0	I' 41205 0	C' 03347 1	C' 00005 1	I' 65352 0
22,2640	C' 03343 0	I' 41405 0	C' 00001 0	I' 62415 0	C' 00007 0	I' 77604 0	C' 45707 0	C' 17444 0
22,2650	I' 62421 1	I' 77604 0	C' 45707 0	C' 03440 1	I' 77616 0	I' 67543 1	C' 00007 0	I' 71406 0
22,2660	I' 41152 1	C' 45707 0	C' 00051 0	I' 57543 1	C' 00015 0	I' 67471 1	C' 00051 0	I' 51123 0
22,2670	C' 00001 0	C' 44703 0	I' 57545 1	I' 43244 1	C' 44700 0	C' 15330 0	I' 77650 1	C' 44702 1
22,2700	I' 77625 0	C' 15330 0	I' 77606 1	I' 57543 1	C' 00013 0	I' 67471 1	C' 00051 0	I' 51123 0
22,2710	C' 00011 1	C' 44723 1	I' 57545 1	I' 43244 1	C' 44720 1	C' 15330 0	I' 77650 1	C' 44724 0
22,2720	I' 52025 1	C' 15330 0	C' 44724 0	I' 77745 1	I' 43466 1	00004 0	03272 0	00004 0
22,2730	03245 1	34711 1	05140 1	C' 03237 1	C' 44106 0	15112 1	I' 77614 1	C' 01074 0
22,2740	I' 70740 0	C' 01130 1	C' 04772 1	I' 45002 1	C' 44530 1	I' 74343 0	C' 04772 1	C' 03343 0
22,2750	I' 77721 0	C' 05004 0	C' 17311 1	C' 03365 1	I' 55605 1	C' 05002 0	C' 04772 1	I' 77681 0
22,2760	C' 20606 0	C' 27317 1	C' 03311 1	I' 77761 1	C' 05026 0	C' 03275 1	I' 77614 1	C' 01035 0
22,2770	C' 45033 0	C' 00044 1	C' 15053 0	C' 00221 0	C' 24255 0	C' 00554 0	C' 02660 0	C' 05540 0



OCTAL LISTING FOR PARAGRAPH J 132, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ABA (CONSTANTS)

22,3000	C' 26603 0	C' 00003 1	C' 04000 0	C' 03146 1	C' 14632 0	C' 00000 1	C' 00000 1	C' 00000 1
22,3010	C' 00000 1	C' 00000 1	C' 00000 1	C' 03131 1	C' 11275 1	C' 77461 1	C' 47370 0	C' 00000 1
22,3020	C' 00000 1	C' 00316 0	C' 30407 1	C' 03131 1	C' 11275 1	C' 00004 0	C' 05253 0	41332. 0
22,3030	00006 1	62725 0	08006 1	I' 75160 1	C' 03320 0	C' 03425 1	I' 77624 1	C' 44304 0
22,3040	I' 45575 1	C' 50442 0	I' 77626 0	C' 50450 0	I' 77626 0	C' 74456 0	I' 45160 1	C' 03320 0
22,3050	C' 44655 1	I' 77634 0	C' 45547 0	C' 03267 1	I' 77414 0	C' 01215 0	C' 45142 1	34711 1
22,3060	55664 0	80000 1	55665 1	51664 1	31666 0	00008 1	51664 1	21661 0
22,3070	00006 1	73141 1	51665 0	53576 0	51664 1	31666 0	51664 1	57661 1
22,3100	51665 0	55646 0	11664 0	13060 0	00003 1	03115 1	13206 1	34712 1
22,3110	05140 1	C' 03232 1	C' 44106 0	00003 1	15112 1	00006 1	40025 1	53673 0
22,3120	00006 1	31717 1	21673 0	11672 1	00002 0	13127 1	13137 0	11673 0
22,3130	00002 0	13133 1	40000 0	63205 0	00006 1	63137 1	24002 0	24002 0
22,3140	00002 0	C' 03146 1	I' 77776 1	00006 1	30025 0	21717 0	00006 1	43205 1
22,3150	21717 0	00004 0	44712 0	55332 0	41130 0	68211 0	00006 1	63161 1
22,3160	13164 0	41501 0	74674 1	27501 0	53711 0	53526 0	53713 1	53530 1
22,3170	53715 1	53532 0	31675 1	55564 0	31677 0	55565 1	31701 0	55566 1
22,3200	30025 0	63205 0	57671 0	13057 1	C' 00000 1	C' 00144 0	00004 0	40025 1
22,3210	61671 0	10000 0	84712 1	13216 0	64674 0	40000 0	05140 1	C' 03225 1
22,3220	C' 44106 0	00003 1	33205 0	27671 1	15112 1	37663 0	05042 1	C' 03027 1
22,3230	C' 44106 0	05213 1	03256 0	03303 1	31155 1	55646 0	03245 1	31327 0
22,3240	54063 0	34714 1	53326 0	05053 1	05213 1	34714 1	55575 0	55576 0
22,3250	55525 0	55526 0	55564 0	44674 1	71501 0	55501 0	34714 1	55577 1
22,3260	55600 1	55601 0	55602 0	55527 1	55530 1	55531 0	55532 0	55565 1
22,3270	55566 1	00002 0	30032 0	55646 0	30033 1	55650 1	30034 0	55652 0
22,3300	00002 0	31155 1	55646 0	31156 1	55650 1	31157 0	55652 0	00002 0
22,3310	C' 00302 0	C' 17755 0	I' 53754 1	C' 03746 1	C' 57176 0	C' 26746 0	I' 53750 0	C' 03745 1
22,3320	C' 57176 0	C' 02657 1	I' 45020 1	C' 01340 1	C' 45340 1	C' 37456 1	C' 25671 0	I' 41401 1
22,3330	C' 00003 1	I' 65225 1	C' 03456 0	C' 00001 0	I' 45206 1	C' 03456 0	I' 52006 0	C' 01340 1
22,3340	I' 41545 0	C' 05311 1	I' 63130 0	C' 00047 1	C' 00002 0	I' 46135 1	C' 00050 1	C' 45353 0
22,3350	I' 51575 1	C' 02026 1	I' 77725 1	I' 43545 1	I' 77620 0	C' 01340 1	C' 36635 1	C' 27036 1
22,3360	I' 77624 1	C' 45372 0	I' 77745 1	C' 02635 0	C' 34041 0	C' 27022 1	I' 77624 1	C' 45402 0
22,3370	I' 77650 1	C' 01340 1	I' 43175 0	C' 00001 0	C' 01352 1	C' 45406 1	C' 27540 0	C' 00007 0



OCAL LISTING FOR PARAGRAPH J 133, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

22,3400	C' 03548 0	I' 77616 0	I' 43175 0	C' 00001 0	C' 01352 1	C' 45376 1	C' 27554 0	C' 00007 0
22,3410	C' 03562 0	I' 77616 0	I' 53754 1	C' 03746 1	C' 57176 0	I' 63350 1	C' 03745 1	I' 63257 1
22,3420	C' 57176 0	I' 77616 0	I' 53754 1	C' 03746 1	C' 57576 1	I' 77616 0	I' 45020 1	C' 03657 0
22,3430	C' 47432 1	I' 77775 1	I' 45121 1	C' 01736 1	C' 47577 1	I' 74321 1	C' 05004 0	C' 05443 1
22,3440	I' 52072 0	C' 03657 0	C' 24000 1	C' 00000 1	30102 1	00006 1	65112 0	74675 0
22,3450	00006 1	15112 1	30034 0	04770 0	55640 0	30034 0	04767 0	55645 0
22,3460	33504 0	00006 1	20032 1	40000 0	04767 0	55644 1	00006 1	71645 0
22,3470	55641 1	33504 0	00006 1	20032 1	40000 0	04770 0	55642 1	00006 1
22,3500	71645 0	40000 0	55643 0	15112 1	C' 01224 1	00006 1	30025 0	16024 0
22,3510	10154 0	34714 1	13515 1	13514 0	44675 0	54155 1	34714 1	56154 1
22,3520	00006 1	74675 0	20155 1	16030 0	00004 0	30037 0	54154 0	30040 0
22,3530	54157 0	30041 1	00003 1	54161 0	34714 1	54155 1	54160 1	54162 0
22,3540	16470 0	07226 0	16030 0	03573 0	34714 1	54155 1	16027 0	03573 0
22,3550	52162 0	52155 1	03573 0	54156 1	52160 1	52155 1	03573 0	54155 1
22,3560	30161 1	54154 0	34712 1	16027 0	03573 0	52160 1	52155 1	03573 0
22,3570	54001 1	30157 1	16024 0	52155 1	20001 1	10000 0	64712 1	13601 1
22,3600	40000 0	54154 0	00002 0	50000 1	34673 1	26154 0	00002 0	33622 1
22,3610	54130 1	30154 1	03623 0	24130 0	30157 1	03623 0	24130 0	30161 1
22,3620	03623 0	13540 1	C' 01155 1	54142 1	50130 0	10000 0	64712 1	13633 0
22,3630	64712 1	64712 1	40000 0	60142 0	10000 0	64712 1	13640 1	40000 0
22,3640	54142 1	13645 1	50000 1	34673 1	60142 0	50130 0	54000 0	00002 0
22,3650	50120 1	30046 0	04555 0	C' 17125 1	16030 0	C' 02713 0	C' 02554 1	33655 1
22,3660	54003 0	53716 1	53722 0	53716 1	53720 1	53730 0	53720 1	53726 1
22,3670	53732 1	53726 1	16030 0	33656 1	54003 0	53557 0	53563 1	53557 0
22,3700	53561 0	53571 1	53561 0	53567 0	53573 0	53567 0	16030 0	00006 1
22,3710	34672 0	52155 1	10000 0	34714 1	16026 1	13716 0	00006 1	44672 1
22,3720	16024 0	34712 1	13724 1	34714 1	60120 1	54156 1	04555 0	C' 01010 1
22,3730	10154 0	13765 1	13734 0	13765 1	10157 0	13765 1	13740 0	13765 1
22,3740	10161 0	13765 1	13744 1	13765 1	30155 0	00006 1	74675 0	20155 1
22,3750	30160 0	00006 1	74675 0	20160 1	30162 1	00006 1	74675 0	20162 0
22,3760	34720 0	50156 0	54045 1	04574 0	C' 01024 0	34714 1	13761 0	04555 0
22,3770	C' 01010 1	06030 1	C' 03772 0	C' 03773 1	CKSM 75664 1	"	"	"



OCTAL LISTING FOR PARAGRAPH J 134, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #I# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

23,2000	I' 47133 0	C' 00008 1	C' 45510 1	I' 41434 1	C' 46027 0	I' 72556 1	I' 66608 1	C' 00004 0
23,2010	I' 41434 1	C' 45510 1	I' 41348 0	C' 00003 1	C' 14041 1	I' 41358 1	I' 77626 0	C' 63734 1
23,2020	I' 77746 1	C' 24045 0	C' 00041 1	I' 76521 0	C' 06302 0	C' 00041 1	I' 77618 0	C' 32323 1
23,2030	26154 0	34878 1	07256 1	06030 1	I' 77220 1	C' 00034 0	C' 02766 1	I' 77624 1
23,2040	C' 47577 1	I' 76521 0	C' 06260 0	C' 26766 1	C' 15330 0	C' 26555 0	C' 15328 1	C' 26563 0
23,2050	C' 15324 0	C' 36571 1	C' 46078 1	I' 47020 0	C' 00034 0	C' 45657 1	I' 64375 1	C' 02714 1
23,2060	C' 06260 0	I' 77772 0	C' 26555 0	C' 02722 1	I' 76521 0	C' 06260 0	C' 26563 0	C' 02730 1
23,2070	I' 76521 0	C' 06260 0	C' 02571 0	I' 47034 0	C' 45657 1	C' 45673 1	I' 47375 0	C' 02571 0
23,2100	C' 02766 1	I' 77600 1	C' 46103 1	I' 40056 0	C' 46145 0	C' 00027 1	I' 57441 1	C' 02555 0
23,2110	C' 24023 0	C' 00027 1	I' 77641 1	C' 02563 0	C' 34021 0	C' 47211 0	I' 77634 0	C' 45543 1
23,2120	C' 26774 1	C' 02766 1	I' 77600 1	C' 46124 1	I' 72441 0	C' 02571 0	I' 77726 1	I' 62440 1
23,2130	C' 46142 1	I' 45200 1	C' 46142 1	C' 06331 0	I' 77634 0	C' 45543 1	C' 02778 0	I' 77614 1
23,2140	C' 01630 0	C' 00034 0	I' 77614 1	C' 01430 1	C' 00034 0	I' 77745 1	C' 06325 0	C' 16774 1
23,2150	C' 06327 1	C' 02776 0	I' 77614 1	C' 01630 0	C' 00034 0	I' 44301 0	C' 00160 0	C' 06212 0
23,2160	I' 77776 1	07171 1	C' 00002 0	C' 00000 1	C' 00000 1	C' 01001 1	C' 14636 1	C' 00325 0
23,2170	C' 07310 1	C' 00541 1	C' 16735 1	34714 1	54156 1	00006 1	32214 1	52155 1
23,2200	52160 1	40000 0	07256 1	52156 1	52155 1	52160 1	20155 1	06008 1
23,2210	I' 77616 0	C' 37777 1	C' 37777 1	C' 00542 1	C' 34414 1	I' 47375 0	C' 01714 1	C' 03452 1
23,2220	C' 03460 0	I' 77635 1	C' 01714 1	C' 17466 0	C' 03606 1	I' 56204 1	C' 57343 1	C' 06256 0
23,2230	I' 41400 0	C' 46245 0	I' 45346 1	C' 15330 0	I' 65361 0	C' 03466 0	I' 74356 1	C' 03460 0
23,2240	I' 76455 1	I' 53455 0	C' 03452 1	C' 03474 0	I' 77616 0	I' 75345 1	C' 06256 0	C' 03606 1
23,2250	I' 77621 1	C' 03606 1	C' 03606 1	I' 77650 1	C' 46225 0	C' 01015 1	C' 34732 0	C' 15373 1
23,2260	C' 11346 0	C' 00000 1	C' 00000 1	C' 67313 1	C' 65307 0	C' 00000 1	C' 00000 1	C' 20000 0
23,2270	C' 00000 1	C' 00000 1	C' 00000 1	C' 10464 0	C' 12470 1	C' 00000 1	C' 00000 1	C' 15373 1
23,2300	C' 11346 0	C' 15373 1	C' 11346 0	C' 00000 1	C' 00000 1	C' 10464 0	C' 12470 1	C' 00000 1
23,2310	C' 00000 1	C' 20000 0	C' 00000 1	C' 00000 1	C' 00000 1	C' 67313 1	C' 65307 0	C' 00000 1
23,2320	C' 00000 1	C' 15373 1	C' 11346 0	C' 07020 1	C' 60000 1	C' 00000 1	C' 61740 0	C' 77777 0
23,2330	C' 07020 1	C' 00000 1	06006 1	I' 52014 0	C' 00716 1	C' 46566 0	C' 46337 1	I' 77776 1
23,2340	34711 1	55051 0	34712 1	55052 0	32406 1	04555 0	C' 20465 1	05423 1
23,2350	02352 1	02344 0	34707 0	05140 1	C' 02531 1	C' 46064 1	00003 1	32410 0
23,2360	54003 0	34714 1	55742 0	34756 1	05042 1	C' 02411 1	C' 46064 1	00003 1
23,2370	36214 0	71742 0	10000 0	02400 1	34734 0	04555 0	C' 01732 0	02370 1

ODAL LISTING FOR PARAGRAPH J 135, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

23,2400	32407 0	04555 0	C' 20485 1	05514 1	05514 1	02357 1	C' 01014 0	C' 04054 1
23,2410	C' 02343 1	06006 1	I' 77634 0	C' 45505 0	C' 00041 1	C' 02325 1	I' 77776 1	41052 0
23,2420	04712 1	00006 1	12448 1	06006 1	I' 77624 1	C' 27038 1	I' 77775 1	C' 00001 0
23,2430	C' 26327 0	C' 00007 0	C' 02335 0	I' 77743 1	C' 71321 1	C' 00037 0	I' 77743 1	C' 71315 0
23,2440	C' 02321 0	I' 46135 1	C' 00050 1	C' 46463 1	I' 77650 1	C' 46467 0	06006 1	I' 77624 1
23,2450	C' 27022 1	I' 77650 1	C' 46428 0	C' 27533 1	C' 07571 0	C' 25004 1	C' 06702 1	C' 00001 0
23,2460	C' 11530 1	C' 00002 0	C' 31230 1	I' 43145 0	C' 05311 1	C' 04622 0	C' 46473 0	I' 51575 1
23,2470	C' 02026 1	I' 77614 1	C' 04462 0	C' 36323 0	C' 46667 1	I' 77776 1	31011 0	00006 1
23,2500	12645 0	06006 1	I' 45234 0	C' 45505 0	C' 02325 1	C' 02325 1	I' 53145 1	C' 02346 1
23,2510	C' 46521 0	I' 43345 1	C' 02346 1	C' 02325 1	C' 02346 1	I' 77776 1	34712 1	55742 0
23,2520	05112 0	I' 43345 1	C' 02344 0	C' 02325 1	C' 02344 0	I' 77776 1	34711 1	55742 0
23,2530	05112 0	34706 1	71044 1	10000 0	02542 0	37682 1	05027 1	C' 05423 1
23,2540	C' 04062 1	05213 1	34734 0	05140 1	C' 02531 1	C' 46064 1	36214 0	71742 0
23,2550	50000 1	02552 1	05213 1	02561 1	34734 0	54001 1	34714 1	21744 0
23,2560	05213 1	34734 0	54001 1	34714 1	21748 1	05213 1	I' 77776 1	34756 1
23,2570	05042 1	C' 02604 1	C' 46064 1	00003 1	10067 1	05057 0	32407 0	04555 0
23,2600	C' 20465 1	05514 1	05514 1	02578 1	06006 1	I' 52175 0	C' 01171 1	C' 46610 1
23,2610	C' 26327 0	C' 01177 1	C' 02335 0	I' 52014 0	C' 04303 0	C' 46617 0	C' 46630 0	I' 71214 0
23,2620	C' 04462 0	C' 06454 1	C' 14037 0	C' 06480 0	C' 26321 0	C' 02028 1	I' 52046 1	C' 46637 1
23,2630	I' 71214 0	C' 04662 1	C' 06456 0	C' 14037 0	C' 06462 1	C' 16321 0	C' 05311 1	C' 36323 0
23,2640	C' 46667 1	I' 77776 1	05253 0	C' 00013 0	02657 1	06006 1	I' 77624 1	C' 27371 1
23,2650	I' 45145 0	C' 02344 0	C' 64017 0	I' 77776 1	31011 0	00006 1	12501 0	34706 1
23,2660	71044 1	00006 1	15423 0	34734 0	04555 0	C' 01732 0	02804 1	I' 44001 0
23,2670	C' 00001 0	C' 00051 0	I' 77214 0	C' 04742 1	C' 46703 1	C' 02327 0	I' 77752 1	C' 26327 0
23,2700	C' 02335 0	I' 77752 1	C' 02335 0	I' 77624 1	C' 56751 1	I' 77624 1	C' 57017 0	I' 77625 0
23,2710	C' 02323 1	I' 64414 1	C' 04742 1	C' 46714 1	I' 77624 1	C' 46754 0	C' 16352 1	C' 00017 1
23,2720	I' 77625 0	C' 02323 1	C' 00161 1	I' 64414 1	C' 04742 1	C' 46726 0	I' 77624 1	C' 46754 0
23,2730	C' 16354 1	C' 00161 1	I' 51025 1	C' 02321 0	C' 46740 0	I' 52145 0	C' 15332 1	C' 46744 1
23,2740	I' 45145 0	C' 00017 1	C' 57055 0	I' 77676 0	C' 16346 1	C' 02321 0	I' 45015 1	C' 02323 1
23,2750	C' 57060 0	I' 77676 0	C' 36344 1	C' 00051 0	I' 51025 1	C' 06764 1	C' 46761 0	I' 43415 0
23,2760	C' 06764 1	I' 43545 1	C' 06764 1	C' 01065 0	C' 05803 1	22016 0	00006 1	22012 1
23,2770	41501 0	74710 1	27501 0	04633 0	C' 42404 1	34702 0	00006 1	05012 1



OCAL LISTING FOR PARAGRAPH J 136, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

23,3000	00008 1	33046 0	53313 0	33044 1	54030 0	15222 1	22016 0	00006 1
23,3010	22012 1	33045 0	55312 1	33044 1	54030 0	33043 0	00006 1	06031 0
23,3020	73043 1	04633 0	C' 43114 1	51656 0	33037 0	55476 1	51657 1	33037 0
23,3030	55477 0	51660 0	33037 0	55500 1	04633 0	C' 42404 1	15222 1	C' 00000 1
23,3040	C' 00476 1	C' 77301 0	C' 00000 1	C' 00077 1	C' 37766 1	C' 03006 1	C' 46106 1	I' 77620 0
23,3050	C' 02317 0	I' 53575 0	C' 03531 0	C' 14033 1	C' 00045 0	C' 25301 1	C' 01245 0	I' 53435 0
23,3060	C' 00033 1	C' 37502 1	C' 58741 0	I' 77775 1	C' 03502 0	C' 01245 0	I' 72441 0	C' 01235 1
23,3070	I' 45326 1	C' 15322 0	I' 41301 0	C' 00047 1	C' 07107 0	I' 53605 1	C' 01301 1	C' 21576 0
23,3100	C' 27524 1	C' 15332 1	C' 03510 0	C' 03516 0	I' 77650 1	C' 02317 0	C' 31103 1	C' 36652 0
23,3110	I' 40220 1	C' 02317 0	C' 00001 0	I' 76740 0	C' 01242 1	C' 00002 0	C' 23676 1	C' 00001 0
23,3120	C' 03875 0	I' 77774 0	C' 00002 0	I' 67064 1	C' 00046 0	C' 00050 1	I' 77624 1	C' 46000 0
23,3130	I' 77624 1	C' 47541 1	I' 76505 0	C' 01738 1	I' 77650 1	C' 02317 0	C' 00000 1	C' 13560 0
23,3140	I' 71220 1	C' 00051 0	C' 02714 1	I' 65325 0	C' 15332 1	C' 02720 0	I' 55476 1	I' 77656 1
23,3150	C' 14027 1	C' 00027 1	I' 77742 0	C' 14023 0	C' 00033 1	I' 77742 0	C' 34021 0	C' 47211 0
23,3160	C' 16762 0	C' 02716 0	I' 77742 0	C' 14023 0	C' 00027 1	I' 65205 0	C' 02720 0	C' 00033 1
23,3170	I' 45205 1	C' 02714 1	I' 77626 0	C' 43756 1	C' 47211 0	C' 26764 0	C' 00027 1	I' 77641 1
23,3200	C' 02730 1	C' 24021 1	C' 00027 1	I' 77641 1	C' 02722 1	C' 34023 1	C' 47211 0	C' 36760 0
23,3210	C' 00051 0	I' 51545 1	C' 00023 0	I' 50025 0	C' 07427 1	C' 47224 0	I' 72545 0	C' 00021 1
23,3220	I' 75326 1	C' 00023 0	C' 00025 0	I' 77616 0	I' 72545 0	C' 00023 0	I' 77736 0	C' 14025 0
23,3230	C' 00021 1	I' 77640 0	C' 47235 0	I' 43545 1	C' 00025 0	I' 75345 1	C' 15330 0	C' 00023 0
23,3240	I' 77625 0	C' 00025 0	C' 00025 0	I' 77616 0	I' 77601 0	C' 00001 0	I' 47375 0	C' 02714 1
23,3250	C' 02700 1	I' 41456 0	I' 44041 1	C' 02730 1	C' 00051 0	C' 24021 1	C' 00001 0	I' 77641 1
23,3260	C' 02722 1	C' 34023 1	C' 47211 0	C' 28760 1	C' 00001 0	I' 50235 0	C' 02714 1	C' 02700 1
23,3270	I' 77752 1	C' 24021 1	C' 02700 1	I' 77641 1	C' 02714 1	C' 34023 1	C' 47211 0	C' 02764 0
23,3300	I' 45246 0	C' 07431 0	I' 77644 1	C' 47324 1	I' 50375 0	C' 02706 1	C' 00001 0	C' 24021 1
23,3310	C' 02672 0	I' 45441 1	C' 43754 0	C' 47211 0	C' 26762 0	C' 02760 1	I' 43034 1	C' 45547 0
23,3320	C' 00200 0	C' 00051 0	C' 35156 0	C' 00051 0	I' 77776 1	05537 0	C' 00401 1	05435 0
23,3330	C' 00056 1	06006 1	I' 77650 1	C' 47304 0	I' 66370 0	C' 02743 0	C' 00051 0	C' 02727 1
23,3340	I' 77601 0	C' 00001 0	I' 46773 0	C' 02752 0	C' 02760 1	I' 77656 1	C' 06760 0	I' 77773 1
23,3350	C' 02752 0	I' 76433 1	C' 02760 1	C' 06766 0	I' 77700 0	C' 47342 1	I' 66160 0	C' 00006 1
23,3360	C' 00036 1	I' 66370 0	C' 00022 1	C' 00051 0	C' 00006 1	I' 66374 1	C' 00006 1	C' 00052 0
23,3370	C' 00002 0	I' 76720 0	C' 00038 1	C' 00001 0	I' 62757 0	C' 75033 0	C' 00007 0	I' 77757 1



OCTAL LISTING FOR PARAGRAPH J 140, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACa (CONSTANTS)

24,2000	C' 03431 1	C' 03872 1	05447 0	C' 00023 0	06006 1	I' 43135 1	C' 03425 1	C' 01347 0
24,2010	C' 50013 0	I' 77745 1	C' 15332 1	C' 17703 0	C' 10335 0	C' 17727 0	C' 03413 1	C' 03450 0
24,2020	I' 77778 1	04555 0	C' 17573 0	08006 1	I' 77624 1	C' 34000 0	I' 77624 1	C' 51512 0
24,2030	I' 77414 0	C' 01073 1	02212 1	00003 1	04555 0	C' 56000 1	44712 0	55746 1
24,2040	05435 0	C' 00155 0	02252 0	02267 0	32351 1	55145 1	08006 1	I' 51575 1
24,2050	C' 03721 0	C' 17854 0	C' 15332 1	C' 03428 1	I' 77776 1	00006 1	32773 0	53223 1
24,2060	32344 0	04555 0	C' 20751 0	12204 1	12362 0	44712 0	55445 1	34714 1
24,2070	55447 0	34712 1	05140 1	C' 02051 1	C' 40086 0	11445 1	32343 1	12101 1
24,2100	32776 0	04555 0	C' 01732 0	05261 1	C' 40026 1	C' 00234 1	34712 1	05140 1
24,2110	C' 03172 0	C' 50067 0	00003 1	03304 0	06006 1	I' 45345 1	C' 03413 1	C' 10342 0
24,2120	C' 00041 1	I' 77624 1	C' 27577 1	12125 1	02146 0	00006 1	30155 0	53873 0
24,2130	00008 1	42776 1	21673 0	00006 1	31673 1	05231 1	C' 02364 1	C' 50067 0
24,2140	05301 0	C' 20214 1	15112 1	04555 0	C' 20807 1	15112 1	00006 1	31246 0
24,2150	53413 1	00006 1	32342 0	21413 1	12125 1	32353 0	04555 0	C' 20810 1
24,2160	12204 1	12163 0	12155 0	00006 1	32407 0	53223 1	34735 1	04555 0
24,2170	C' 01732 0	02212 1	00003 1	05301 0	C' 05024 1	C' 20000 0	32350 0	04555 0
24,2200	C' 20610 1	12204 1	12204 1	12173 1	00006 1	32405 1	53223 1	14106 0
24,2210	C' 00056 1	C' 00707 1	00004 0	30032 0	55572 1	00006 1	30034 0	53574 1
24,2220	32210 0	55655 1	44707 1	71466 0	55466 0	00002 0	00004 0	32211 1
24,2230	55655 1	41466 0	74707 1	27466 0	00002 0	05435 0	C' 00023 0	06006 1
24,2240	I' 77745 1	C' 15332 1	C' 03703 0	I' 43145 0	C' 10337 1	C' 00700 0	C' 50015 0	I' 52015 1
24,2250	C' 10337 1	C' 50015 0	41011 1	74712 0	00006 1	12257 1	24002 0	00002 0
24,2260	34675 1	05027 1	C' 02173 0	C' 50066 1	05447 0	C' 00155 0	15213 0	32347 0
24,2270	55145 1	06006 1	I' 77624 1	C' 50314 1	I' 77776 1	00006 1	32407 0	53223 1
24,2300	05261 1	C' 40036 0	C' 00234 1	12106 0	32350 0	55145 1	32342 0	05140 1
24,2310	C' 02260 1	C' 50066 1	44710 1	12513 0	I' 40220 0	C' 03730 0	C' 00001 0	I' 41575 0
24,2320	C' 03721 0	I' 77624 1	C' 45426 0	C' 37865 0	C' 03730 0	06006 1	I' 77624 1	C' 51016 1
24,2330	I' 77624 1	C' 50314 1	I' 77776 1	03127 0	C' 02217 1	C' 06650 1	C' 00013 0	C' 06112 0
24,2340	C' 04700 1	C' 00000 1	C' 05664 0	C' 03410 1	C' 00204 1	C' 37730 1	C' 04123 0	C' 01525 1
24,2350	C' 04125 0	C' 01450 1	C' 24020 0	C' 04050 0	C' 00027 1	C' 00053 1	C' 00035 1	C' 03143 1
24,2360	C' 12066 1	C' 00026 0	34712 1	12066 1	32776 0	05140 1	C' 02502 1	C' 50067 0
24,2370	34714 1	55145 1	34761 0	05027 1	C' 02143 0	C' 50067 0	44362 0	04114 1

TOTAL LISTING FOR PARAGRAPH J 141, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR A2A (CONSTANTS)

24,2400	C' 00004 0	05213 1	C' 02436 1	C' 50087 0	C' 03132 1	C' 76087 1	C' 02325 1	C' 50086 1
24,2410	04555 0	C' 17573 0	06006 1	I' 77624 1	C' 27573 0	30155 0	55672 1	05140 1
24,2420	C' 02425 0	C' 50087 0	05301 0	C' 40574 0	15112 1	00008 1	32403 1	53223 1
24,2430	34371 0	05027 1	C' 02461 0	C' 50087 0	44711 0	12513 0	08008 1	I' 77601 0
24,2440	C' 00001 0	I' 53375 0	C' 03665 1	C' 03433 0	C' 03460 0	I' 45008 0	C' 45426 0	C' 37675 1
24,2450	C' 70438 1	I' 77776 1	05301 0	C' 10035 0	34715 0	05475 1	C' 01457 0	C' 01684 1
24,2460	03127 0	08008 1	I' 77775 1	C' 15332 1	C' 03675 0	C' 03665 1	I' 77776 1	34762 0
24,2470	05103 0	05301 0	C' 05024 1	C' 15000 0	32346 1	04555 0	C' 20624 0	04106 1
24,2500	04106 1	12461 1	02252 0	12304 0	32351 1	55145 1	32340 1	05140 1
24,2510	C' 02521 0	C' 50087 0	46211 1	04114 1	C' 00004 0	10783 0	15213 0	04574 0
24,2520	C' 76604 1	32776 0	05140 1	C' 02537 1	C' 50086 1	44702 1	55145 1	05261 1
24,2530	C' 40074 0	C' 00033 1	34675 1	05042 1	C' 02404 0	C' 34087 1	15213 0	40193 1
24,2540	74676 0	26103 1	30103 0	74677 1	00008 1	15213 0	32351 1	55145 1
24,2550	05301 0	C' 00614 1	30032 0	55450 0	00008 1	30025 0	53337 0	40101 0
24,2560	74704 1	26101 0	34676 1	00008 1	05011 1	34702 0	70076 1	10000 0
24,2570	12655 1	40102 0	74676 0	26102 0	44105 0	70102 0	54102 0	00006 1
24,2600	32360 0	53313 0	46214 1	04114 1	C' 00004 0	05156 0	C' 00050 1	44712 0
24,2610	55654 0	34714 1	55661 0	44105 0	70102 0	64674 0	54102 0	36214 0
24,2620	54001 1	40000 0	52765 1	44715 1	04114 1	C' 00004 0	34672 0	54030 0
24,2630	00008 1	33001 0	53313 0	05156 0	C' 00240 1	34676 1	70102 0	10000 0
24,2640	02646 1	02651 1	00008 1	34714 1	52761 0	15213 0	40076 1	74700 0
24,2650	26076 1	34714 1	00006 1	01005 0	00002 0	44676 0	70102 0	54102 0
24,2660	03304 0	00006 1	31430 1	53413 1	00006 1	30025 0	21413 1	31430 1
24,2670	05140 1	C' 02706 1	C' 50067 0	05261 1	C' 40153 1	C' 05014 1	C' 77777 0	44702 1
24,2700	70076 1	54076 1	03307 0	34714 1	55444 0	12574 1	03307 0	31474 1
24,2710	55662 0	05261 1	C' 00003 1	C' 40634 1	02737 0	42354 0	04114 1	C' 00004 0
24,2720	05156 0	C' 00372 1	02227 1	04633 0	C' 42010 0	04633 0	C' 13207 0	03003 1
24,2730	05301 0	C' 00354 0	34603 0	05027 1	C' 02155 1	C' 50066 1	15213 0	00006 1
24,2740	30025 0	53337 0	44704 1	70101 0	54101 0	44676 0	00008 1	03011 1
24,2750	31444 1	00008 1	70110 0	22000 1	00006 1	74734 1	61662 1	55474 0
24,2760	34674 0	70105 1	00006 1	12765 0	00002 0	31621 0	55425 1	31623 1
24,2770	55428 1	00002 0	C' 03117 0	C' 50066 1	C' 37703 1	C' 00000 1	C' 00764 1	C' 02202 0



OCTAL LISTING FOR PARAGRAPH J 142, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED *is* (INTERPRETIVE OPERATOR WORDS) OR *ACs* (CONSTANTS)

24,3000	C' 02030 0	C' 36068 1	00004 0	42777 0	00008 1	03012 1	44712 0	55303 1
24,3010	34714 1	55145 1	44700 0	70103 1	54103 1	00002 0	I' 43020 1	C' 03730 0
24,3020	C' 01307 1	C' 51045 1	I' 50135 0	C' 03347 1	C' 51051 1	I' 53375 0	C' 03351 0	C' 03433 0
24,3030	C' 03357 0	I' 77778 1	34712 1	61746 0	55747 0	05301 0	C' 10035 0	31747 1
24,3040	55746 1	06008 1	I' 77775 1	C' 03357 0	C' 03351 0	I' 77624 1	C' 34130 1	I' 77650 1
24,3050	C' 03730 0	I' 67214 1	C' 01310 1	C' 51066 0	C' 03350 1	I' 74301 0	C' 09047 1	C' 03705 0
24,3060	I' 53257 1	C' 20563 0	C' 03648 0	I' 77651 0	C' 03351 0	C' 03721 0	I' 77778 1	C' 34676 1
24,3070	05042 1	C' 02257 0	C' 34066 0	05261 1	C' 00051 0	C' 10035 0	06008 1	I' 77775 1
24,3100	C' 01171 1	C' 27570 0	C' 01177 1	C' 17576 0	C' 01205 1	C' 03474 0	I' 77621 1	C' 03656 1
24,3110	C' 27423 1	C' 15332 1	C' 17351 0	C' 15332 1	C' 03347 1	I' 77650 1	C' 51045 1	08008 1
24,3120	I' 77624 1	C' 51016 1	I' 77778 1	34702 0	70078 1	10000 0	13131 0	04574 0
24,3130	C' 77132 1	34676 1	00006 1	02011 0	00008 1	13127 1	03304 0	00004 0
24,3140	00006 1	31413 0	52155 1	00008 1	40025 1	20155 1	07224 1	30155 0
24,3150	10000 0	13154 0	13154 0	34714 1	64712 1	56001 0	34714 1	53430 0
24,3160	31430 1	05140 1	C' 02706 1	C' 50067 0	05261 1	C' 40153 1	C' 10035 0	05447 0
24,3170	C' 00044 1	13127 1	34700 1	70103 1	10000 0	13201 0	05301 0	C' 00006 1
24,3200	05213 1	00008 1	30025 0	53661 0	00008 1	41413 1	21661 0	34734 0
24,3210	05140 1	C' 03172 0	C' 50067 0	11145 1	13217 1	13227 1	13217 1	42347 1
24,3220	61145 0	00008 1	13232 0	37664 1	05027 1	C' 03244 0	C' 50066 1	40025 1
24,3230	55065 1	15213 0	37664 1	05042 1	C' 03237 1	C' 50066 1	13227 1	06006 1
24,3240	I' 77624 1	C' 50314 1	I' 77778 1	13254 0	30032 0	54772 1	30033 1	54766 1
24,3250	30034 0	54770 0	04555 0	C' 47510 0	00004 0	11145 1	13301 1	15112 1
24,3260	13270 0	32351 1	04555 0	C' 20763 1	13350 0	13403 1	13432 0	13276 0
24,3270	32351 1	04555 0	C' 20763 1	13320 1	13326 1	13312 0	32352 1	05415 1
24,3300	15112 1	31145 0	04555 0	C' 20616 1	34753 1	54003 0	00002 0	34752 0
24,3310	54003 0	00002 0	05261 1	C' 00006 1	C' 05024 1	C' 27000 1	03002 0	12163 0
24,3320	05261 1	C' 00006 1	C' 05024 1	C' 27000 1	03002 0	12204 1	00004 0	30103 0
24,3330	74677 1	10000 0	13345 1	34677 0	26103 1	30103 0	74676 0	00006 1
24,3340	13345 1	34712 1	05140 1	C' 02552 1	C' 50066 1	32351 1	55145 1	15112 1
24,3350	05261 1	C' 00006 1	C' 40674 0	34712 1	05130 0	C' 03357 0	15112 1	34714 1
24,3360	55145 1	32361 1	61474 1	55662 0	05301 0	C' 05014 1	C' 77777 0	02737 0
24,3370	05301 0	C' 00714 0	05156 0	C' 00372 1	04633 0	C' 42010 0	37664 1	05027 1



OCTAL LISTING FOR PARAGRAPH J 144, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

25,2000	I' 7776 1	42113 1	00004 0	70102 0	62114 1	54102 0	00003 1	06006 1
25,2010	I' 77735 0	C' 03011 1	C' 03628 0	I' 77735 0	C' 03010 0	C' 03624 1	I' 77605 1	C' 15320 1
25,2020	C' 17630 1	C' 15145 0	I' 70405 1	C' 03624 1	C' 17632 0	C' 15176 0	C' 17175 1	C' 17363 1
25,2030	C' 17614 1	C' 03624 1	I' 57565 0	C' 03327 1	C' 37634 1	C' 52063 0	I' 47375 0	C' 01177 1
25,2040	C' 01760 1	I' 50256 0	C' 03474 0	C' 03676 0	I' 47076 0	C' 45707 0	C' 17644 1	C' 03624 1
25,2050	I' 43205 1	C' 15200 1	C' 15202 0	C' 03712 0	I' 66331 0	C' 03646 0	C' 52260 1	C' 03325 0
25,2060	C' 52115 0	I' 77634 0	C' 53603 1	I' 77220 1	C' 03645 0	C' 03401 1	I' 43014 0	C' 00662 0
25,2070	C' 01663 0	C' 15104 0	C' 15332 1	C' 15110 0	C' 01205 1	C' 37524 0	C' 26373 1	I' 77656 1
25,2100	C' 17452 1	C' 12112 0	C' 37606 0	C' 46215 0	I' 72441 0	C' 01760 1	I' 77726 1	C' 37702 0
25,2110	C' 03645 0	C' 00003 0	C' 01520 1	C' 11774 0	C' 11010 0	I' 77624 1	C' 52125 0	I' 77776 1
25,2120	05301 0	C' 10035 0	06006 1	I' 77650 1	C' 03645 0	I' 77214 0	C' 03346 0	C' 52133 1
25,2130	C' 03526 0	I' 52076 1	C' 52136 1	I' 74375 0	C' 01177 1	C' 15230 1	C' 03516 0	I' 44056 1
25,2140	C' 03373 0	C' 17510 0	C' 00043 0	C' 03622 1	I' 77625 0	C' 15322 0	C' 17654 0	C' 00045 0
25,2150	C' 27674 1	C' 03516 0	I' 72441 0	C' 01760 1	C' 27700 0	C' 01163 1	I' 41246 1	C' 15232 0
25,2160	I' 53152 1	C' 55132 1	C' 27640 0	C' 03516 0	I' 53435 0	C' 01760 1	C' 03502 0	I' 71214 0
25,2170	C' 03346 0	C' 55073 0	C' 15332 1	I' 43225 0	C' 03524 1	C' 01205 1	C' 37606 0	C' 46225 0
25,2200	I' 40241 1	C' 03502 0	C' 00001 0	C' 27676 0	C' 03474 0	I' 77614 1	C' 03667 0	I' 50235 0
25,2210	C' 01760 1	C' 03502 0	I' 43044 0	C' 52215 0	C' 03467 1	I' 77775 1	C' 03474 0	I' 45241 1
25,2220	C' 01760 1	C' 15162 0	I' 43244 1	C' 55135 0	C' 15182 0	I' 65552 0	C' 03702 1	I' 57414 1
25,2230	C' 03707 1	C' 52232 0	C' 17714 0	C' 03640 0	I' 50025 0	C' 15240 0	C' 52255 1	I' 77214 0
25,2240	C' 03074 1	C' 03433 0	I' 50208 0	C' 03542 1	I' 63552 0	I' 47515 0	I' 56225 1	C' 00001 0
25,2250	I' 75400 1	C' 52253 1	C' 03727 0	I' 77650 1	C' 03373 0	I' 52014 0	C' 03274 0	C' 52253 1
25,2260	I' 43014 0	C' 03312 1	C' 52354 1	C' 03354 0	C' 53520 0	I' 63545 0	C' 03654 0	I' 56205 0
25,2270	C' 03654 0	C' 15304 1	I' 47015 0	C' 15306 0	C' 54432 0	C' 03720 1	I' 45345 1	C' 03674 1
25,2300	C' 15302 1	I' 51014 0	C' 03265 0	C' 52310 1	I' 52131 0	C' 03646 0	C' 53311 1	C' 52343 1
25,2310	I' 41345 0	C' 03654 0	C' 15310 1	I' 77615 0	C' 15312 0	C' 03710 1	I' 40065 0	C' 15266 1
25,2320	C' 52321 0	C' 17706 0	C' 03624 1	C' 17634 0	C' 03700 0	I' 41471 0	C' 03674 1	I' 41316 0
25,2330	I' 45271 1	C' 15276 0	C' 15300 0	I' 40015 1	C' 03674 1	C' 52343 1	I' 71240 1	C' 52343 1
25,2340	C' 03624 1	I' 77676 0	C' 03634 0	I' 77614 1	C' 03052 0	C' 53520 0	I' 45345 1	C' 03720 1
25,2350	C' 03640 0	I' 52044 0	C' 53520 0	C' 53224 0	I' 43345 1	C' 03700 0	C' 15260 1	I' 45040 1
25,2360	C' 52346 1	C' 53014 1	I' 77731 1	C' 03646 0	C' 52365 0	I' 77745 1	C' 03640 0	C' 17664 0
25,2370	C' 03624 1	C' 17647 1	C' 03700 0	I' 71240 1	C' 52400 1	C' 03725 1	C' 17647 1	C' 03700 0

OCTAL LISTING FOR PARAGRAPH J 145, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ABA (CONSTANTS)

25,2400	I' 43271 1	C' 03647 1	C' 03674 1	C' 14326 0	C' 03700 0	I' 56316 0	C' 03647 1	I' 43271 1
25,2410	C' 15272 1	C' 03840 0	I' 41205 0	C' 00326 0	C' 00326 0	I' 77671 1	C' 03622 1	C' 14330 1
25,2420	C' 03700 0	I' 71244 0	C' 52425 0	C' 00330 1	C' 03664 0	I' 51145 0	C' 03634 0	C' 52434 0
25,2430	I' 45345 1	C' 00326 0	C' 15214 1	C' 00326 0	I' 41345 0	C' 00330 1	C' 15272 1	I' 40271 1
25,2440	C' 00326 0	C' 00001 0	I' 56271 0	C' 00326 0	C' 03725 1	C' 03704 1	I' 55221 0	C' 17363 1
25,2450	C' 00326 0	C' 17616 0	C' 03704 1	I' 41225 1	C' 17363 1	C' 03704 1	I' 77671 1	C' 00330 1
25,2460	C' 03620 0	I' 43205 1	C' 03175 1	C' 03704 1	I' 44366 1	C' 17363 1	I' 77605 1	C' 03616 0
25,2470	C' 03767 1	I' 41221 0	C' 00326 0	C' 03725 1	I' 77671 1	C' 03767 1	C' 14027 1	C' 03767 1
25,2500	I' 50025 0	C' 15204 0	C' 53325 0	I' 63545 0	C' 03767 1	C' 17666 1	C' 15330 0	I' 50025 0
25,2510	C' 03767 1	C' 53220 1	C' 17662 0	C' 15330 0	C' 03672 1	I' 50025 0	C' 00326 0	C' 52525 1
25,2520	I' 77621 1	C' 03662 0	C' 17662 0	C' 00326 0	C' 03672 1	I' 45145 0	C' 03672 1	C' 52776 0
25,2530	C' 03656 1	I' 56261 1	C' 20607 1	C' 03175 1	I' 77625 0	C' 15250 1	C' 03660 1	I' 41215 1
25,2540	C' 17357 0	C' 15254 0	I' 41205 0	C' 03662 0	C' 03662 0	I' 56271 0	C' 03656 1	C' 03666 1
25,2550	I' 50021 1	C' 00027 1	C' 52743 0	C' 03771 0	I' 77625 0	C' 00027 1	I' 43205 1	C' 15330 0
25,2560	C' 00027 1	C' 14027 1	C' 03771 0	I' 60516 0	I' 77621 1	C' 15330 0	C' 17670 0	C' 03666 1
25,2570	I' 41225 1	C' 15330 0	C' 03666 1	I' 41205 0	C' 03670 0	C' 03670 0	I' 43312 0	C' 17357 0
25,2600	I' 65366 1	C' 03666 1	I' 41205 0	C' 03670 0	C' 03771 0	I' 87471 1	I' 41552 0	C' 17731 1
25,2610	C' 03767 1	I' 43205 1	C' 15170 0	C' 03712 0	C' 03732 1	I' 63525 0	C' 00326 0	I' 56205 0
25,2620	C' 03175 1	C' 03666 1	I' 45071 0	C' 00330 1	C' 46155 1	I' 56205 0	C' 15206 1	C' 00027 1
25,2630	C' 03733 0	I' 41325 0	C' 15256 1	C' 03700 0	I' 56205 0	C' 03674 1	C' 00330 1	I' 41471 0
25,2640	C' 03624 1	C' 17734 1	C' 15174 1	I' 41225 1	C' 03771 0	C' 15172 1	C' 27735 0	C' 03731 1
25,2650	C' 17126 1	C' 03735 0	I' 43215 0	I' 43215 0	I' 41025 0	C' 03702 1	C' 57343 1	C' 03610 0
25,2660	I' 45246 0	C' 15222 1	I' 43040 1	C' 53025 0	C' 03311 1	C' 52671 0	I' 51145 0	C' 03610 0
25,2670	C' 53213 1	I' 41345 0	C' 03642 1	C' 03610 0	I' 45325 1	C' 03612 1	C' 03610 0	I' 77665 1
25,2700	I' 77626 0	C' 74135 0	I' 50015 0	C' 03725 1	C' 52737 0	I' 77600 1	C' 52733 1	C' 03725 1
25,2710	I' 77776 1	34753 1	54003 0	34763 1	55064 0	05301 0	C' 00474 0	34763 1
25,2720	05103 0	33024 1	55645 0	06006 1	I' 43145 0	C' 03610 0	C' 03071 1	C' 17612 1
25,2730	C' 15176 0	C' 37175 0	C' 52365 0	I' 77745 1	C' 17363 1	C' 37725 0	C' 53213 1	I' 70545 1
25,2740	C' 03725 1	I' 52076 1	C' 52700 1	I' 41205 0	C' 03767 1	C' 15146 0	I' 41325 0	C' 03725 1
25,2750	C' 15146 0	I' 43325 1	C' 03660 1	C' 15252 0	I' 41205 0	C' 03662 0	C' 15254 0	I' 56271 0
25,2760	C' 03656 1	C' 03767 1	I' 55221 0	I' 77615 0	C' 03767 1	C' 37767 0	C' 52776 0	C' 17175 1
25,2770	C' 03767 1	I' 77716 1	C' 17666 1	C' 15332 1	I' 77650 1	C' 52553 0	I' 56342 1	C' 03616 0



OCTAL LISTING FOR PARAGRAPH J 146, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

25,3000	I' 72421 0	C' 15330 0	I' 45318 1	C' 03704 1	I' 43471 1	C' 03620 0	06006 1	I' 45014 0
25,3010	C' 03271 0	C' 53014 1	I' 77650 1	C' 52365 0	I' 77745 1	C' 15332 1	C' 17612 1	C' 15156 1
25,3020	C' 17642 1	C' 15150 1	C' 03725 1	I' 77616 0	C' 53570 0	I' 77634 0	C' 54440 0	I' 45345 1
25,3030	C' 03640 0	C' 15220 0	I' 43040 1	C' 53035 1	C' 03070 0	I' 45345 1	C' 03674 1	C' 00326 0
25,3040	I' 71244 0	C' 53252 1	C' 03640 0	I' 50025 0	C' 03175 1	C' 53305 1	I' 51145 0	C' 03700 0
25,3050	C' 53057 0	I' 45345 1	C' 03674 1	C' 03767 1	I' 50025 0	C' 15164 0	C' 53325 0	I' 77745 1
25,3060	C' 03640 0	I' 50025 0	C' 00330 1	C' 53067 0	I' 52145 0	C' 03624 1	C' 53517 0	I' 41345 0
25,3070	C' 03640 0	C' 03620 0	I' 75415 0	C' 03704 1	I' 41221 0	C' 17363 1	C' 03616 0	C' 01160 1
25,3100	I' 41221 0	C' 00326 0	C' 03725 1	C' 15156 1	C' 03672 1	I' 50025 0	C' 01160 1	C' 53126 1
25,3110	I' 41406 0	I' 56205 0	C' 03660 1	C' 03662 0	I' 41215 1	C' 17357 0	C' 15254 0	I' 41205 0
25,3120	I' 77671 1	C' 03656 1	I' 44271 0	C' 01160 1	C' 01156 1	C' 01156 1	I' 45345 1	C' 03640 0
25,3130	C' 15312 0	I' 50004 0	C' 57343 1	C' 53144 0	I' 45345 1	C' 03664 0	C' 03175 1	I' 45325 1
25,3140	C' 03640 0	C' 03175 1	I' 45471 1	C' 74163 0	I' 77745 1	C' 03700 0	I' 41225 1	C' 01156 1
25,3150	C' 03614 1	I' 43271 1	C' 15210 0	C' 03674 1	I' 41225 1	C' 01160 1	C' 03614 1	I' 41471 0
25,3160	C' 15212 1	I' 51400 1	C' 53464 1	I' 50025 0	C' 15274 1	C' 53172 0	I' 43205 1	C' 15152 0
25,3170	C' 15274 1	I' 41565 1	I' 42545 0	I' 77615 0	C' 03725 1	I' 41400 0	C' 53464 1	C' 17634 0
25,3200	C' 03640 0	I' 50025 0	C' 15216 0	C' 53520 0	I' 71214 0	C' 03273 1	I' 71244 0	C' 53520 0
25,3210	C' 15332 1	C' 37634 1	C' 53520 0	I' 77745 1	C' 03610 0	C' 17612 1	C' 15176 0	C' 03175 1
25,3220	I' 47131 1	C' 03646 0	C' 52365 0	C' 54505 0	I' 77604 0	C' 57343 1	I' 41345 0	C' 03654 0
25,3230	C' 03706 0	I' 41325 0	C' 15262 0	C' 03710 1	I' 43271 1	C' 03674 1	C' 03700 0	I' 43205 1
25,3240	C' 15226 0	I' 77725 1	C' 03710 1	I' 77621 1	C' 03640 0	I' 43205 1	C' 15224 1	I' 52061 1
25,3250	C' 20211 1	C' 53175 1	I' 77604 0	C' 57343 1	I' 54345 1	C' 03624 1	C' 20611 0	I' 45325 1
25,3260	C' 03674 1	C' 00326 0	I' 43205 1	C' 03624 1	C' 03700 0	I' 43205 1	C' 15226 0	I' 45325 1
25,3270	C' 00326 0	C' 03674 1	I' 41316 0	C' 03624 1	I' 65271 0	C' 15272 1	C' 00326 0	I' 56316 0
25,3300	C' 03622 1	I' 45265 1	C' 00330 1	I' 77650 1	C' 53243 1	I' 66234 1	C' 54473 0	C' 03646 0
25,3310	C' 53311 1	I' 45345 1	C' 15166 1	C' 03640 0	I' 72240 1	C' 53325 0	C' 03316 0	I' 72214 0
25,3320	C' 03314 1	C' 53323 0	C' 15332 1	C' 37316 1	C' 54402 0	I' 47131 1	C' 03646 0	C' 53325 0
25,3330	C' 54477 1	I' 66214 0	C' 03067 0	C' 03646 0	C' 53335 1	I' 45345 1	C' 03674 1	C' 15214 1
25,3340	I' 77440 1	C' 53605 1	34753 1	54003 0	35656 1	55771 0	41673 0	51771 1
25,3350	63631 0	10000 0	11771 0	13345 1	64712 1	55646 0	51771 1	43631 1
25,3360	51771 1	63632 0	57646 1	22007 0	00006 1	11646 0	55651 0	34715 0
25,3370	55650 1	34720 0	27771 0	50000 1	43631 1	51771 1	63632 0	00006 1



OTAL LISTING FOR PARAGRAPH J 147, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR AC (CONSTANTS)

25,3400	71651 0	51771 1	63631 0	51650 0	55652 0	11650 1	13370 1	57653 0
25,3410	61637 1	00008 1	71657 0	52155 1	00006 1	41700 0	20001 1	20001 1
25,3420	20001 1	61655 0	00006 1	71656 1	61654 1	20155 1	30154 1	55770 1
25,3430	66006 1	I' 45242 1	C' 03702 1	I' 43014 0	C' 03305 1	C' 53462 1	C' 03747 0	C' 53445 1
25,3440	I' 43145 0	C' 13765 1	C' 03065 1	C' 37716 0	C' 53462 1	C' 03716 1	I' 77676 0	I' 56204 1
25,3450	C' 57343 1	C' 03653 1	I' 40061 1	C' 20206 1	C' 53464 1	I' 40015 1	C' 03626 0	C' 53464 1
25,3460	C' 37634 1	C' 53470 1	I' 77745 1	C' 13463 1	I' 41234 1	C' 45707 0	C' 03624 1	C' 03634 0
25,3470	I' 45345 1	C' 15160 1	C' 03640 0	I' 43244 1	C' 53520 0	C' 15160 1	I' 41240 1	C' 53515 0
25,3500	C' 15262 0	I' 41325 0	C' 03654 0	C' 15330 0	I' 41215 1	C' 03624 1	I' 56325 0	C' 15284 0
25,3510	C' 63622 1	I' 75415 0	I' 51015 1	C' 03700 0	C' 53520 0	I' 77745 1	C' 03624 1	C' 03634 0
25,3520	I' 77745 1	C' 03634 0	C' 17636 1	C' 03622 1	I' 77614 1	C' 03305 1	C' 53560 1	I' 43205 1
25,3530	C' 96632 0	C' 15242 1	I' 51525 1	C' 03634 0	I' 50025 0	C' 03630 1	C' 53545 0	I' 75345 1
25,3540	C' 03676 0	C' 03644 1	I' 71240 1	C' 53624 1	I' 41542 1	I' 75345 1	C' 03676 0	C' 03644 1
25,3550	I' 77625 0	I' 71240 1	C' 53560 1	C' 03644 1	I' 57414 1	C' 03210 1	C' 53560 1	C' 03644 1
25,3560	I' 56345 0	C' 03636 1	C' 03624 1	I' 65542 1	I' 43165 1	C' 03644 1	C' 03270 1	C' 03316 0
25,3570	I' 77776 1	34676 1	70102 0	00006 1	13600 0	31263 1	04555 0	C' 20621 0
25,3600	00004 0	10067 1	05057 0	04574 0	C' 77132 1	I' 77776 1	34753 1	54003 0
25,3610	34763 1	05027 1	C' 02511 0	C' 54066 0	05261 1	C' 00414 0	C' 10035 0	33623 0
25,3620	55645 0	06006 1	I' 77650 1	C' 54530 0	I' 75345 1	C' 03630 1	C' 03634 0	C' 37636 0
25,3630	C' 53560 1	C' 00474 0	C' 01235 1	C' 02337 1	C' 03721 0	C' 05230 0	C' 06213 1	C' 10550 0
25,3640	C' 11717 0	C' 13314 0	C' 14736 0	C' 16255 1	C' 16457 0	C' 25570 1	C' 77526 0	C' 77360 1
25,3650	C' 77106 0	C' 76516 1	C' 76071 0	C' 75570 1	C' 74661 0	C' 74436 0	C' 73212 1	C' 71640 0
25,3660	C' 54557 1	C' 40000 0	C' 40000 0	C' 77635 1	C' 77563 1	C' 77354 0	C' 78712 1	C' 76066 0
25,3670	C' 75322 0	C' 73237 0	C' 72104 1	C' 70301 1	C' 65635 1	C' 57311 0	C' 50575 0	C' 50575 0
25,3700	C' 74443 1	C' 74333 1	C' 74433 0	C' 74763 0	C' 75432 0	C' 75735 1	C' 76200 1	C' 75735 1
25,3710	C' 75140 0	C' 74075 0	C' 73312 0	C' 73732 0	C' 73732 0	C' 00015 0	C' 00066 1	C' 00206 0
25,3720	C' 00431 1	C' 00712 0	C' 01136 1	C' 02015 1	C' 02374 0	C' 03123 1	C' 04051 1	C' 05767 1
25,3730	C' 07476 0	C' 11324 1	C' 76272 1	C' 75472 1	C' 74604 0	C' 74210 1	C' 74052 0	C' 73735 1
25,3740	C' 73217 1	C' 73013 1	C' 73155 1	C' 74151 1	C' 76703 1	C' 77575 0	C' 77575 0	C' 00112 0
25,3750	C' 00204 1	C' 00407 1	C' 01113 0	C' 02161 0	C' 03260 0	C' 03717 0	C' 05411 0	C' 10057 1
25,3760	C' 13476 0	C' 20324 0	C' 21677 1	C' 21677 1	C' 16631 1	C' 06755 0	C' 03766 0	C' 03767 1
25,3770	OCSE 60227 0							



OCTAL LISTING FOR PARAGRAPH J 150, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

26,2000	I' 77601 0	C' 00001 0	I' 41575 0	C' 15324 0	I' 41434 1	C' 45505 0	C' 38356 1	C' 55341 1
26,2010	C' 16766 1	C' 02356 0	C' 34041 0	C' 27045 0	I' 47375 0	C' 00007 0	C' 00001 0	I' 77656 1
26,2020	C' 24031 0	C' 00001 0	I' 57456 1	I' 41401 1	C' 00001 0	I' 77776 1	31751 0	74716 1
26,2030	00006 1	74700 0	56001 0	50120 1	54036 0	08006 1	I' 41335 1	C' 00037 0
26,2040	C' 14107 1	C' 36356 1	C' 54057 1	I' 77775 1	C' 00031 0	C' 16766 1	C' 14105 0	I' 77625 0
26,2050	C' 02356 0	C' 36356 1	C' 54057 1	I' 77775 1	C' 00001 0	C' 36766 0	C' 28260 1	I' 73545 1
26,2060	C' 02356 0	I' 47315 0	C' 02766 1	C' 00001 0	I' 72561 0	I' 50315 0	C' 02766 1	C' 00001 0
26,2070	I' 72561 0	C' 02766 1	I' 71525 0	C' 02356 0	I' 51315 1	C' 00015 0	C' 00001 0	I' 76561 1
26,2100	I' 53255 0	I' 40256 1	C' 00001 0	I' 43406 1	C' 05252 1	C' 25251 0	C' 01414 1	C' 06044 1
26,2110	I' 77774 0	C' 54161 0	I' 52170 0	C' 54143 0	C' 54126 0	I' 52170 0	C' 54162 0	C' 54126 0
26,2120	I' 52170 0	C' 54173 0	C' 54126 0	I' 76020 1	C' 00047 1	C' 54143 0	I' 54201 0	C' 00001 0
26,2130	C' 20617 0	I' 57571 0	C' 01707 0	I' 57571 0	C' 02034 1	I' 66261 1	C' 20221 1	C' 00051 0
26,2140	C' 00006 1	I' 77650 1	C' 00046 0	I' 41206 0	C' 02147 1	I' 71406 0	I' 65361 0	C' 02133 1
26,2150	I' 63356 1	C' 02133 1	I' 53406 0	I' 53435 0	C' 02141 1	I' 76435 1	I' 53361 0	I' 52172 1
26,2160	C' 00047 1	C' 14003 1	I' 63370 0	C' 00066 1	C' 02037 1	I' 52761 0	C' 00001 0	C' 02133 1
26,2170	I' 72500 1	C' 54165 1	I' 77616 0	I' 65370 0	C' 00060 1	C' 14214 0	I' 74206 0	C' 02037 1
26,2200	I' 77761 1	C' 00001 0	C' 14005 1	I' 41425 1	C' 14216 1	I' 53357 0	C' 02125 0	C' 00005 1
26,2210	I' 72500 1	C' 54200 1	I' 77616 0	C' 22000 1	C' 00000 1	C' 02000 0	C' 00000 1	34675 1
26,2220	55044 1	44712 0	55726 1	02543 1	32424 1	04555 0	C' 20763 1	04106 1
26,2230	02235 1	02224 1	05301 0	C' 00014 1	05112 0	22007 0	11726 1	34675 1
26,2240	12241 0	53716 1	06006 1	I' 77745 1	C' 01205 1	C' 37651 1	C' 52063 0	I' 77775 1
26,2250	C' 01171 1	C' 02327 0	I' 77656 1	C' 26343 1	C' 01177 1	C' 02335 0	I' 53435 0	C' 02343 1
26,2260	C' 03502 0	I' 45345 1	C' 03651 0	C' 01205 1	I' 45040 1	C' 54243 0	C' 54650 0	05425 1
26,2270	32423 0	04555 0	C' 20624 0	04106 1	02276 0	02270 0	06006 1	I' 45234 0
26,2300	C' 45505 0	C' 03651 0	I' 77615 0	C' 03733 0	C' 03727 0	I' 77776 1	32425 0	04555 0
26,2310	C' 20624 0	04106 1	02314 0	02276 0	05243 1	C' 00076 0	34712 1	54332 1
26,2320	02543 1	06006 1	I' 47131 1	C' 03325 0	C' 54402 0	C' 41645 0	00006 1	32431 0
26,2330	53223 1	34270 0	04555 0	C' 21031 0	04106 1	02340 1	02331 1	02232 0
26,2340	04574 0	C' 41565 1	32424 1	04555 0	C' 20624 0	02342 0	02350 0	02342 0
26,2350	05301 0	C' 04024 0	11726 1	34675 1	12355 1	55715 1	31411 1	22007 0
26,2360	53604 0	34712 1	55727 0	34745 0	55263 0	05435 0	C' 00134 1	41700 0
26,2370	74712 0	00006 1	12420 1	02406 1	34760 1	05027 1	C' 02406 1	C' 54066 0

OCTAL LISTING FOR PARAGRAPH J 151, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

26,2400	05213 1	C' 54492 0	I' 52131 0	C' 00053 1	C' 53570 0	C' 20302 1	05243 1	C' 00077 1
26,2410	04555 0	C' 20607 1	32427 1	55724 0	32426 0	55263 0	44712 0	55727 0
26,2420	05301 0	C' 00004 0	05112 0	C' 01474 1	C' 01475 0	C' 01477 1	C' 01500 0	C' 52000 0
26,2430	C' 03373 0	C' 76087 1	05243 1	C' 00100 0	32437 0	55263 0	06030 1	C' 01504 1
26,2440	05243 1	C' 00101 1	34760 1	05027 1	C' 02456 1	C' 54062 1	05261 1	C' 00554 0
26,2450	C' 10035 0	06006 1	I' 47131 1	C' 03646 0	C' 53027 1	C' 52120 0	05447 0	C' 00134 1
26,2460	32472 1	04555 0	C' 20763 1	02460 1	02467 0	02460 1	02232 0	05435 0
26,2470	C' 00134 1	02420 0	C' 04105 1	05243 1	C' 00102 1	34745 0	02502 1	05243 1
26,2500	C' 00103 0	32510 1	55263 0	05435 0	C' 00134 1	05301 0	C' 00004 0	06030 1
26,2510	C' 01502 1	32542 0	04555 0	C' 20624 0	02517 0	02517 0	02511 0	46214 1
26,2520	00004 0	70192 0	54102 0	00003 1	00006 1	32642 0	53223 1	14108 0
26,2530	I' 43175 0	C' 01171 1	C' 00662 0	C' 16152 0	C' 01205 1	I' 45014 0	C' 01663 0	C' 26322 0
26,2540	I' 77634 0	C' 53603 1	C' 04103 1	00006 1	23773 0	04555 0	C' 17573 0	06006 1
26,2550	I' 45014 0	C' 00716 1	C' 54693 0	C' 27573 0	30155 0	55774 0	05140 1	C' 02564 1
26,2560	C' 54067 1	05301 0	C' 40434 0	05112 0	34760 1	05042 1	C' 02602 1	C' 54066 0
26,2570	00006 1	32642 0	53223 1	05261 1	C' 00454 1	C' 00415 1	34753 1	54003 0
26,2600	04574 0	C' 76604 1	06006 1	I' 77204 1	C' 57343 1	C' 01177 1	I' 64235 1	C' 01171 1
26,2610	C' 01736 1	I' 71258 0	C' 00160 0	I' 43240 0	C' 54621 0	C' 14644 1	I' 47004 0	C' 54640 1
26,2620	C' 54625 1	I' 43276 0	C' 14644 1	I' 77404 1	C' 54630 0	05537 0	C' 01426 0	02632 1
26,2630	05537 0	C' 01427 1	34743 0	04555 0	C' 20602 1	32645 1	04555 0	C' 01732 0
26,2640	01773 0	C' 03132 1	C' 76067 1	C' 22111 0	C' 17335 1	C' 01750 1	C' 00000 1	C' 13560 0
26,2650	I' 45345 1	C' 02020 1	C' 15000 0	I' 71244 0	C' 54774 1	C' 17345 0	I' 77624 1	C' 56750 0
26,2660	I' 45145 0	C' 15020 1	C' 57060 0	I' 77624 1	C' 56573 0	I' 77624 1	C' 55027 1	I' 45015 1
26,2670	C' 02020 1	C' 57060 0	I' 77676 0	C' 03733 0	C' 37727 1	C' 56573 0	I' 77624 1	C' 55027 1
26,2700	I' 77624 1	C' 56626 0	I' 77624 1	C' 56613 0	I' 77624 1	C' 56613 0	C' 37714 1	C' 55050 1
26,2710	I' 77605 1	I' 43265 1	C' 15026 1	C' 00001 0	C' 17725 1	C' 02241 1	I' 77615 0	C' 06462 1
26,2720	C' 34023 1	C' 55045 0	I' 45325 1	C' 00001 0	C' 15004 1	I' 63471 0	C' 15006 0	C' 00001 0
26,2730	I' 43205 1	C' 15010 1	I' 41215 1	C' 15012 0	C' 15014 0	I' 77725 1	I' 43271 1	C' 15024 0
26,2740	C' 17357 0	I' 77665 1	I' 51015 1	C' 15016 1	C' 54747 1	I' 77745 1	C' 15332 1	C' 17722 0
26,2750	C' 02241 1	I' 45015 1	C' 15022 0	C' 57060 0	I' 77624 1	C' 56573 0	I' 77624 1	C' 55027 1
26,2760	I' 73015 1	C' 15022 0	C' 03713 1	C' 34023 1	C' 55045 0	I' 87076 1	C' 00155 0	C' 17771 0
26,2770	I' 77626 0	C' 74010 0	I' 77634 0	C' 54267 0	I' 52145 0	C' 06456 0	C' 54656 0	C' 00002 0



OCTAL LISTING FOR PARAGRAPH J 152, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

26,3000	C' 26244 1	C' 00052 0	C' 05716 1	C' 33335 1	C' 05707 1	C' 36365 1	C' 30244 0	C' 77113 1
26,3010	C' 42770 1	C' 77354 0	C' 65030 1	C' 21450 0	C' 00001 0	C' 01750 1	C' 00000 1	C' 00305 1
26,3020	C' 04541 0	C' 00003 1	C' 27040 0	C' 32525 1	C' 12525 0	C' 77777 0	C' 76601 1	I' 47315 0
26,3030	C' 02343 1	C' 03502 0	I' 76561 1	I' 74315 0	C' 02343 1	C' 00017 1	I' 45455 1	C' 74235 0
26,3040	I' 72441 0	C' 01714 1	C' 02156 1	I' 77650 1	C' 26437 0	I' 77657 0	C' 20201 0	C' 00021 1
26,3050	I' 41345 0	C' 00041 1	C' 00021 1	I' 45325 1	C' 00041 1	C' 00021 1	I' 56257 1	C' 20171 1
26,3060	I' 77625 0	C' 00025 0	I' 41566 1	I' 65271 0	C' 00037 0	I' 65205 0	C' 00021 1	C' 00035 1
26,3070	I' 56366 1	I' 65542 1	I' 77616 0	I' 56345 0	C' 03700 0	C' 15314 0	I' 41325 0	C' 03640 0
26,3100	C' 15316 1	I' 43271 1	C' 03674 1	I' 43205 1	C' 03640 0	C' 03640 0	C' 03640 0	I' 71214 0
26,3110	C' 03307 0	C' 55116 1	C' 03702 1	I' 52005 0	C' 15234 0	C' 52173 0	I' 45345 1	C' 03674 1
26,3120	C' 15322 0	I' 43044 0	C' 55124 0	C' 03066 1	I' 41345 0	C' 03702 1	C' 15236 1	I' 52071 0
26,3130	C' 03674 1	C' 52173 0	I' 52145 0	C' 16326 1	C' 52162 0	I' 51425 0	C' 16327 0	I' 75461 0
26,3140	C' 20216 0	I' 52005 0	C' 15246 0	C' 52226 0	C' 02525 1	C' 12525 0	C' 12525 0	C' 04631 1
26,3150	C' 23146 0	C' 03146 1	C' 14632 0	C' 06314 1	C' 31463 1	C' 76314 0	C' 71462 1	C' 05075 0
26,3160	C' 16051 1	C' 07777 1	C' 00000 1	C' 00236 0	C' 36763 0	C' 00204 1	C' 11303 1	C' 05260 0
26,3170	C' 05572 1	C' 12343 0	C' 21616 0	C' 01073 1	C' 31515 1	C' 00172 0	C' 03571 1	C' 00573 0
26,3200	C' 10230 1	C' 76226 0	C' 45761 0	C' 13132 0	C' 33062 0	C' 00160 0	C' 05104 1	C' 11322 1
26,3210	C' 32265 1	C' 75047 0	C' 72454 1	C' 00475 1	C' 35746 1	C' 06751 1	C' 27515 0	C' 05441 0
26,3220	C' 14412 0	C' 00022 1	C' 36641 1	C' 01003 0	C' 06315 0	C' 71435 0	C' 75516 1	C' 32047 0
26,3230	C' 24367 0	C' 37200 1	C' 05636 1	C' 00046 0	C' 13137 0	C' 00017 1	C' 30730 0	C' 00040 0
26,3240	C' 30447 0	C' 00000 1	C' 17565 1	C' 01727 1	C' 20103 1	C' 00121 0	C' 17460 0	C' 00400 0
26,3250	C' 00000 1	C' 01252 0	C' 25253 1	C' 24365 1	C' 30244 0	C' 77152 1	C' 51354 1	C' 00336 1
26,3260	C' 21610 0	C' 00433 0	C' 02775 0	C' 00000 1	C' 20017 0	C' 77765 0	C' 70243 0	C' 31463 1
26,3270	C' 06315 0	C' 00541 1	C' 33575 0	C' 00146 1	C' 14632 0	C' 00052 0	C' 30013 0	C' 20411 1
26,3300	C' 03041 1	C' 20610 1	C' 10513 1	C' 11473 1	C' 02355 0	C' 00203 0	C' 02234 0	C' 16237 0
26,3310	C' 00146 1	C' 01456 1	C' 03450 0	C' 56232 1	C' 72332 0	C' 77000 1	C' 43741 1	C' 36702 1
26,3320	C' 21727 0	C' 10000 0	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 20000 0
26,3330	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 37777 1
26,3340	C' 37777 1	I' 46020 1	C' 00050 1	C' 55356 1	I' 77624 1	C' 55416 1	I' 77775 1	C' 02012 0
26,3350	I' 53235 0	C' 00001 0	C' 00001 0	I' 52105 1	C' 00025 0	C' 55404 1	I' 77624 1	C' 55570 0
26,3360	I' 77624 1	C' 55622 1	I' 76521 0	C' 00025 0	I' 77650 1	C' 55350 1	I' 46020 1	C' 00050 1
26,3370	C' 55410 1	I' 77624 1	C' 55416 1	I' 61375 1	C' 02012 0	C' 00025 0	I' 77772 0	I' 51235 1



OCAL LISTING FOR PARAGRAPH J 153, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED *aiA* (INTERPRETIVE OPERATOR WORDS) OR *acA* (CONSTANTS)

28,3400	C' 00001 0	C' 00001 0	I' 77721 0	C' 00025 0	I' 40372 0	C' 00001 0	I' 77650 1	C' 00050 1
28,3410	I' 77624 1	C' 55570 0	I' 77624 1	C' 55622 1	I' 77650 1	C' 55377 1	I' 40220 0	C' 00051 0
28,3420	C' 00011 1	I' 77770 1	C' 00005 1	I' 65345 0	C' 15652 1	C' 15644 0	I' 45006 0	C' 55543 0
28,3430	I' 71406 0	C' 14041 1	I' 77756 0	C' 14043 0	C' 15650 0	I' 41525 0	C' 15642 0	I' 45170 0
28,3440	C' 00004 0	C' 55543 0	C' 14027 1	C' 15646 1	I' 41525 0	C' 15640 1	I' 45170 0	C' 00005 1
28,3450	C' 55543 0	I' 71406 0	I' 77606 1	C' 00025 0	I' 76405 1	C' 00041 1	C' 14035 1	I' 76405 1
28,3460	C' 00043 0	C' 14037 0	I' 41556 1	I' 77676 0	C' 14033 1	C' 00027 1	C' 14007 0	I' 76405 1
28,3470	C' 00041 1	C' 14027 1	C' 00011 1	I' 76405 1	C' 00043 0	C' 14031 0	C' 15332 1	I' 57525 1
28,3500	C' 00043 0	I' 63325 0	C' 00041 1	C' 00033 1	I' 63361 0	C' 15636 0	C' 00011 1	I' 53361 0
28,3510	C' 15634 1	I' 77772 0	C' 24041 1	I' 63361 0	C' 15636 0	C' 00033 1	I' 52361 1	C' 15634 1
28,3520	I' 65372 1	C' 00007 0	I' 74346 0	C' 00011 1	I' 73525 1	C' 00007 0	I' 52361 1	C' 00025 0
28,3530	I' 77772 0	C' 14033 1	C' 00007 0	I' 74356 1	I' 71525 0	C' 00007 0	I' 53361 0	C' 00025 0
28,3540	I' 57572 0	C' 34025 1	C' 00051 0	I' 54345 1	C' 00007 0	C' 20617 0	I' 72371 1	C' 01707 0
28,3550	C' 00155 0	C' 14017 1	C' 00020 0	I' 77605 1	I' 43257 0	C' 20206 1	I' 67206 1	C' 00017 1
28,3560	I' 41261 1	C' 20212 1	C' 00013 0	I' 43257 0	C' 20213 0	I' 77600 1	C' 55567 0	I' 77616 0
28,3570	I' 40220 0	C' 00051 0	C' 00011 1	I' 77770 1	C' 00000 1	I' 65345 0	C' 01712 1	C' 15554 1
28,3600	I' 45006 0	C' 55543 0	I' 41401 1	C' 00023 0	I' 65346 0	C' 00023 0	I' 65356 1	C' 15332 1
28,3610	I' 73525 1	C' 00023 0	I' 65276 1	C' 00023 0	I' 63346 0	C' 15332 1	I' 41525 0	C' 15330 0
28,3620	I' 77650 1	C' 00051 0	I' 57545 1	C' 01716 0	C' 14017 1	C' 01714 1	C' 14021 1	C' 15332 1
28,3630	C' 24023 0	C' 00017 1	I' 77616 0	C' 17775 1	C' 01734 0	C' 00333 1	C' 16153 1	C' 77665 1
28,3640	C' 42175 1	C' 22211 0	C' 00265 0	C' 77777 0	C' 77767 1	C' 41215 1	C' 66331 0	C' 15237 0
28,3650	C' 26751 0	C' 02052 1	C' 35713 1	C' 37116 0	C' 32630 0	05435 0	C' 00054 0	00004 0
28,3660	00006 1	30025 0	53151 1	03714 0	03657 0	52155 1	53153 0	00004 0
28,3670	04555 0	C' 16777 1	05447 0	C' 00007 0	05447 0	C' 00010 0	34700 1	00006 1
28,3700	05013 0	05301 0	C' 07024 0	C' 20000 0	C' 03734 1	C' 54102 0	34731 0	04555 0
28,3710	C' 20751 0	13706 1	13706 1	13706 1	00006 1	22156 0	04527 0	00003 1
28,3720	52155 1	34706 1	54001 1	34714 1	20155 1	44362 0	70155 1	56155 0
28,3730	74362 0	10000 0	24156 0	00156 0	44700 0	00006 1	03013 0	00004 0
28,3740	34714 1	54001 1	52025 1	03714 0	03737 1	00006 1	41153 0	20155 1
28,3750	34701 0	07256 1	34714 1	54156 1	07226 0	10154 0	03763 0	03763 0
28,3760	03761 1	34701 0	26154 0	00006 1	31151 0	20155 1	07226 0	52155 1
28,3770	20025 1	05447 0	C' 00054 0	04106 1	C' 03774 0	C' 03775 1	CKSM 53035 1	"



OCTAL LISTING FOR PARAGRAPH J 154, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

27,2000	04804 1	55146 1	34705 1	70101 0	10000 0	12013 0	06006 1	I' 77624 1
27,2010	C' 58126 1	C' 01156 1	I' 77776 1	32125 0	04555 0	C' 21036 1	02114 1	02023 1
27,2020	12052 0	02056 0	05112 0	34705 1	70101 0	10000 0	12034 0	06006 1
27,2030	I' 77624 1	C' 56126 1	C' 01156 1	I' 77776 1	34371 0	00006 1	06031 0	77707 1
27,2040	00006 1	12043 0	12013 0	32125 0	04555 0	C' 20602 1	02056 0	04555 0
27,2050	C' 17547 1	12013 0	05447 0	C' 00124 0	31146 0	04577 0	40100 1	74877 1
27,2060	10000 0	00002 0	30002 0	54156 1	46214 1	60133 0	55053 1	05301 0
27,2070	C' 00071 1	34704 0	05415 1	00156 0	34706 1	70075 1	00006 1	12111 0
27,2100	05435 0	C' 00077 1	05435 0	C' 00024 1	34714 1	55303 1	34761 0	05103 0
27,2110	01053 0	05301 0	C' 00111 0	05112 0	31011 0	00006 1	12052 0	30100 0
27,2120	74877 1	00006 1	14106 0	04550 0	C' 20100 1	C' 01422 1	I' 40020 1	C' 03310 0
27,2130	C' 56131 1	I' 47164 1	C' 03320 0	C' 44376 0	C' 34032 1	C' 44405 0	I' 61375 1	C' 03357 0
27,2140	C' 03321 1	I' 77656 1	C' 00035 1	I' 53435 0	C' 03351 0	I' 57400 1	C' 56256 0	C' 17343 0
27,2150	C' 00045 0	I' 50025 0	C' 16327 0	C' 56256 0	I' 50375 0	C' 03351 0	C' 00035 1	I' 85552 0
27,2160	I' 77624 1	C' 44530 1	I' 75160 1	C' 03320 0	C' 03425 1	I' 77624 1	C' 44304 0	I' 51545 1
27,2170	C' 00007 0	I' 50025 0	C' 16314 0	C' 56246 1	I' 51545 1	C' 03351 0	I' 51025 1	C' 16316 1
27,2200	C' 56246 1	I' 77775 1	I' 77626 0	C' 50442 0	I' 77626 0	C' 50450 0	I' 77626 0	C' 50456 0
27,2210	C' 03327 1	I' 57444 1	C' 56213 1	I' 50035 1	C' 03351 0	C' 56222 0	I' 57575 1	C' 03351 0
27,2220	C' 37343 1	C' 56225 1	I' 77775 1	C' 03351 0	C' 03343 0	I' 51545 1	C' 03351 0	I' 51025 1
27,2230	C' 16320 1	C' 56235 0	I' 52145 0	C' 16324 0	C' 56237 1	I' 77745 1	C' 16322 0	I' 77624 1
27,2240	C' 44530 1	I' 75160 1	C' 03320 0	C' 03425 1	I' 77624 1	C' 44304 0	I' 45160 1	C' 00000 1
27,2250	C' 44655 1	I' 40234 0	C' 45547 0	C' 00001 0	I' 77650 1	C' 03310 0	I' 50375 0	C' 00035 1
27,2260	C' 03351 0	I' 72240 1	C' 56266 0	C' 00032 0	I' 77650 1	C' 03310 0	I' 47375 0	C' 03327 1
27,2270	C' 15330 0	I' 47256 0	C' 03351 0	I' 40056 0	C' 56310 0	C' 17343 0	C' 00045 0	I' 50025 0
27,2300	C' 16327 0	C' 56310 0	I' 77775 1	C' 03343 0	C' 17343 0	C' 15330 0	I' 77650 1	C' 56160 0
27,2310	I' 52175 0	C' 15330 0	C' 56304 0	C' 15555 0	C' 35172 0	C' 14113 1	C' 36326 0	C' 07701 0
27,2320	C' 35703 0	C' 04343 1	C' 21616 0	C' 03070 0	C' 34344 0	C' 00000 1	C' 00001 0	C' 00000 1
27,2330	34745 0	04555 0	C' 20624 0	15423 0	12336 1	12330 1	05435 0	C' 00124 0
27,2340	04555 0	C' 56000 1	15423 0	I' 45020 1	C' 02317 0	C' 27371 1	I' 43145 0	C' 01225 0
27,2350	C' 01472 1	C' 00041 1	I' 43014 0	C' 01673 1	C' 01676 1	I' 43014 0	C' 01474 1	C' 01635 0
27,2360	C' 02317 0	I' 77620 0	C' 01150 1	I' 77614 1	C' 01742 1	C' 30147 0	I' 50135 0	C' 03376 0
27,2370	C' 56406 0	I' 43014 0	C' 00710 1	C' 01150 1	C' 00752 1	C' 30147 0	I' 77776 1	05301 0



OCAL LISTING FOR PARAGRAPH J 155, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

27,2400	C' 00132 1	37683 0	05103 0	02407 0	I' 77620 0	C' 01150 1	I' 77776 1	34740 0
27,2410	04555 0	C' 01732 0	08008 1	I' 77650 1	C' 56363 1	I' 77776 1	00004 0	42472 0
27,2420	00008 1	03013 0	34334 1	00006 1	05013 0	00003 1	00008 1	30025 0
27,2430	53225 1	04555 0	C' 17514 1	02461 0	05520 0	06008 1	I' 50135 0	C' 03704 1
27,2440	C' 56447 0	I' 77605 1	C' 16475 0	I' 77614 1	C' 04467 0	C' 01257 0	I' 77616 0	I' 77776 1
27,2450	30154 1	74872 1	54154 0	06008 1	I' 77605 1	C' 16475 0	I' 52015 1	C' 16471 1
27,2460	C' 56443 1	05532 0	08008 1	I' 77745 1	C' 01225 0	C' 01152 0	I' 77650 1	C' 70523 1
27,2470	C' 00045 0	C' 01217 1	C' 00017 1	C' 40200 1	C' 00045 0	C' 01217 1	00008 1	04007 1
27,2500	54018 1	44714 0	54734 0	00008 1	22012 1	34704 0	70075 1	00006 1
27,2510	12520 0	30048 0	55703 0	34711 1	00006 1	02033 0	00008 1	12523 0
27,2520	34711 1	04574 0	C' 17494 1	34711 1	04574 0	C' 17467 1	I' 43174 1	C' 00000 1
27,2530	C' 00707 1	C' 56537 0	I' 43414 1	C' 04304 1	C' 56535 1	I' 43514 0	C' 77775 1	I' 43414 1
27,2540	C' 04303 0	C' 56542 1	I' 43514 0	C' 77775 1	I' 66370 0	C' 00044 1	C' 00051 0	C' 00006 1
27,2550	I' 77775 1	C' 15332 1	C' 08445 1	I' 76100 1	C' 56552 0	C' 00044 1	C' 08533 1	I' 67300 0
27,2560	C' 56556 1	C' 00001 0	C' 02401 0	C' 02411 1	C' 02421 1	I' 77735 0	C' 00002 0	C' 02511 0
27,2570	C' 02521 0	C' 02531 1	I' 77616 0	I' 70545 1	C' 00043 0	I' 41215 1	C' 15330 0	C' 00041 1
27,2600	I' 55205 0	C' 00021 1	C' 00045 0	I' 44246 1	C' 15330 0	C' 00017 1	I' 57516 1	I' 75415 0
27,2610	C' 15322 0	I' 43565 0	C' 00045 0	I' 77620 0	C' 03373 0	I' 45205 1	C' 15002 1	C' 03733 0
27,2620	C' 37608 0	C' 46225 0	I' 77624 1	C' 56626 0	I' 77650 1	C' 03373 0	I' 50375 0	C' 03542 1
27,2630	C' 03474 0	I' 65512 1	I' 77616 0	I' 71220 1	C' 00024 1	C' 03636 1	I' 44342 1	I' 65301 0
27,2640	C' 00050 1	I' 70525 1	C' 03646 0	I' 56221 0	I' 41257 1	C' 57577 0	C' 00035 1	I' 77657 0
27,2650	C' 20172 1	I' 50025 0	C' 31663 0	C' 56656 1	I' 52166 1	C' 56660 1	I' 77745 1	C' 31677 0
27,2660	I' 77650 1	C' 00024 1	00003 1	00006 1	22330 1	06006 1	I' 53135 0	C' 01502 1
27,2670	C' 56727 0	I' 77775 1	C' 01503 0	C' 25535 0	C' 01511 0	I' 77624 1	C' 23361 1	I' 51535 0
27,2700	C' 01502 1	I' 53025 0	C' 16740 0	C' 56710 1	I' 43174 1	C' 00000 1	C' 00223 1	C' 56713 1
27,2710	I' 43174 1	C' 00002 0	C' 00063 1	I' 50135 0	C' 01502 1	C' 56723 1	I' 77624 1	C' 26636 0
27,2720	I' 52014 0	C' 01671 0	C' 56725 1	I' 77624 1	C' 26711 1	I' 77614 1	C' 02676 1	I' 45131 0
27,2730	C' 01502 1	C' 00000 1	C' 27404 1	I' 77776 1	05301 0	C' 04026 1	00330 1	C' 00002 0
27,2740	C' 00000 1	I' 77420 1	C' 03536 1	05301 0	C' 04022 0	08006 1	I' 77650 1	C' 03536 1
27,2750	C' 00037 0	I' 53575 0	C' 02327 0	I' 77725 1	C' 00045 0	C' 00015 0	I' 77701 1	C' 00047 1
27,2760	C' 24041 1	C' 02335 0	I' 77781 1	C' 00037 0	C' 02372 0	I' 47361 0	C' 00041 1	I' 47572 1
27,2770	C' 14035 1	C' 15322 0	I' 63271 0	C' 00041 1	C' 02372 0	I' 57436 1	C' 00025 0	I' 43257 0

OCAL LISTING FOR PARAGRAPH J 156, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

27,3000	C' 20573 1	I' 77626 0	C' 77744 0	I' 41457 1	C' 20173 0	I' 75446 0	I' 77701 1	C' 00050 1
27,3010	C' 00031 0	I' 75316 1	I' 55254 1	C' 57015 1	C' 15322 0	I' 00027 1	I' 77616 0	I' 41345 0
27,3020	C' 00033 1	C' 00035 1	I' 57457 0	C' 20571 0	I' 51415 0	C' 17357 0	I' 43366 0	C' 15322 0
27,3030	I' 55206 0	C' 00035 1	I' 53657 0	C' 20801 1	C' 20572 0	C' 14017 1	I' 41005 1	C' 00027 1
27,3040	C' 57343 1	I' 53854 0	C' 57051 1	C' 57603 0	I' 40057 1	C' 57576 1	C' 57051 1	I' 77644 1
27,3050	C' 57053 0	I' 77745 1	C' 17363 1	C' 00021 1	I' 77616 0	I' 77614 1	C' 03436 0	C' 57082 1
27,3060	I' 77614 1	C' 03676 0	C' 00023 0	I' 77657 0	C' 20201 0	C' 00021 1	I' 44205 0	C' 00033 1
27,3070	C' 15322 0	I' 41206 0	C' 00021 1	I' 53725 1	C' 00035 1	C' 20573 1	I' 43276 0	I' 77657 0
27,3100	C' 20801 1	I' 71214 0	C' 03756 0	C' 57105 1	C' 15332 1	I' 75440 0	C' 57240 0	I' 41076 0
27,3110	C' 57343 1	C' 24045 0	C' 02372 0	I' 52441 1	C' 02327 0	C' 00017 1	I' 44240 1	C' 57140 0
27,3120	C' 00045 0	C' 14043 0	C' 00033 1	I' 44205 0	C' 00041 1	I' 51406 1	I' 40015 1	C' 17351 0
27,3130	C' 57151 0	I' 65345 0	C' 15332 1	I' 57545 1	C' 00033 1	I' 71240 1	C' 57245 0	I' 77616 0
27,3140	I' 77745 1	I' 45345 1	C' 00023 0	C' 00015 0	C' 14043 0	C' 00045 0	I' 52015 1	C' 00017 1
27,3150	C' 57125 0	I' 65215 1	C' 17353 1	C' 00043 0	I' 53605 1	C' 00031 0	C' 57201 0	I' 77671 1
27,3160	I' 40145 0	C' 00043 0	C' 57243 0	I' 45471 1	C' 77732 1	I' 63406 0	I' 41206 0	C' 00035 1
27,3170	I' 75261 0	C' 20206 1	C' 00045 0	C' 14045 0	I' 41206 0	C' 00033 1	I' 77657 0	C' 20201 0
27,3200	C' 00043 0	I' 41234 1	C' 57325 1	I' 44302 0	C' 00023 0	I' 41215 1	C' 00015 0	I' 51042 0
27,3210	C' 57231 0	I' 75206 1	C' 00017 1	I' 71244 0	C' 57235 1	C' 00027 1	I' 51076 1	C' 57235 1
27,3220	I' 77676 0	I' 56205 0	C' 17347 1	C' 00031 0	I' 53657 0	C' 57602 1	C' 57602 1	I' 43257 0
27,3230	C' 57576 1	I' 40005 0	C' 00037 0	C' 57241 1	I' 77616 0	I' 77745 1	I' 77650 1	C' 57231 0
27,3240	I' 77745 1	I' 43545 1	C' 17363 1	I' 77712 0	I' 41465 0	I' 45345 1	C' 00045 0	C' 00017 1
27,3250	C' 14013 0	I' 77626 0	C' 77732 1	I' 53605 1	C' 00027 1	C' 57576 1	I' 41206 0	C' 00045 0
27,3260	I' 41057 0	C' 57576 1	C' 45707 0	C' 00043 0	I' 41234 1	C' 57325 1	C' 00043 0	I' 45242 1
27,3270	C' 17355 1	I' 41405 0	I' 41345 0	C' 00045 0	C' 00015 0	I' 43312 0	C' 00017 1	C' 14045 0
27,3300	C' 00035 1	I' 53605 1	C' 00027 1	C' 57575 1	I' 53765 0	C' 00045 0	C' 57576 1	C' 14045 0
27,3310	C' 00027 1	I' 41366 1	C' 17347 1	I' 77615 0	I' 45257 0	C' 57577 0	C' 00013 0	I' 53605 1
27,3320	C' 00027 1	C' 57601 1	I' 52057 1	C' 57602 1	C' 57231 0	07171 1	C' 00004 0	C' 12525 0
27,3330	C' 12525 0	C' 71463 0	C' 57703 1	C' 04423 0	C' 17645 0	C' 74604 0	C' 43667 1	C' 01626 1
27,3340	C' 37256 1	C' 77404 1	C' 52071 0	06030 1	C' 24775 1	C' 30424 0	C' 06220 1	C' 37553 0
27,3350	C' 37777 1	C' 37700 1	C' 00000 1	C' 00100 0	C' 04000 0	C' 00000 1	C' 02000 0	C' 00000 1
27,3360	C' 00305 1	C' 11205 0	C' 37777 1	C' 37777 1	05301 0	C' 07026 1	C' 30000 1	C' 03675 0
27,3370	C' 56100 0	34712 1	54332 1	05243 1	C' 00033 1	50302 0	13377 0	13402 0

OCTAL LISTING FOR PARAGRAPH J 160, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED PAGED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

30,2000	05447 0	C' 00010 0	05435 0	C' 00025 0	04555 0	C' 17573 0	06008 1	I' 77634 0
30,2010	C' 45505 0	C' 34041 0	C' 27045 0	I' 47375 0	C' 00007 0	C' 00001 0	I' 50258 0	C' 01744 1
30,2020	I' 77648 0	I' 65552 0	C' 03628 0	I' 77414 0	C' 02876 1	32182 0	04555 0	C' 20763 1
30,2030	04108 1	02036 0	02025 1	36214 0	05415 1	05112 0	42172 0	71751 1
30,2040	55751 1	06006 1	I' 77614 1	C' 01664 1	I' 43014 0	C' 00482 1	C' 04343 1	C' 60113 1
30,2050	I' 77614 1	C' 01463 1	I' 77776 1	32183 1	04555 0	C' 20763 1	04108 1	02064 1
30,2060	02053 0	34715 0	05415 1	05112 0	34715 0	54301 1	06006 1	I' 77624 1
30,2070	C' 60234 1	I' 45335 0	C' 02745 0	C' 20166 1	I' 45044 0	C' 60101 1	C' 76333 0	I' 77650 1
30,2100	C' 60120 1	I' 77624 1	C' 30206 0	I' 77776 1	05281 1	C' 00004 0	C' 05022 1	C' 13000 0
30,2110	06008 1	I' 77650 1	C' 60132 1	I' 43014 0	C' 01663 0	C' 03067 0	I' 77624 1	C' 60217 0
30,2120	I' 77776 1	05281 1	C' 00004 0	C' 05022 1	C' 13000 0	34715 0	54301 1	06008 1
30,2130	I' 77624 1	C' 30002 0	I' 77776 1	32164 0	04555 0	C' 20763 1	04108 1	02144 1
30,2140	02133 1	34715 0	05415 1	05112 0	06006 1	I' 77624 1	C' 60234 1	I' 77624 1
30,2150	C' 76333 0	I' 66744 0	C' 01330 0	C' 77724 0	C' 36750 0	C' 60255 0	I' 77776 1	05301 0
30,2160	C' 04022 0	02036 0	C' 01455 1	C' 01306 0	C' 01307 1	C' 00033 1	C' 00000 1	C' 01531 1
30,2170	C' 00077 1	C' 00700 0	C' 07000 0	I' 77634 0	C' 45505 0	C' 24007 0	C' 02026 1	C' 14001 0
30,2200	C' 15330 0	I' 77624 1	C' 55341 1	I' 77742 0	C' 02152 0	I' 77634 0	C' 45505 0	I' 77624 1
30,2210	C' 26322 0	I' 77650 1	C' 03667 0	I' 77624 1	C' 60217 0	I' 77650 1	C' 03667 0	I' 77420 1
30,2220	C' 03670 0	33656 1	04555 0	C' 20624 0	04106 1	02227 1	02221 1	06006 1
30,2230	I' 77624 1	C' 61345 1	I' 77650 1	C' 03670 0	I' 77776 1	31751 0	72170 1	55744 0
30,2240	31751 0	72172 0	55745 1	05435 0	C' 00141 0	31751 0	74675 0	00006 1
30,2250	12253 0	05447 0	C' 00141 0	06008 1	I' 77616 0	I' 66220 1	C' 03703 0	C' 00051 0
30,2260	C' 00006 1	I' 66331 0	C' 02747 1	C' 00001 0	C' 02751 0	C' 03537 0	I' 76144 1	C' 01330 0
30,2270	C' 00044 1	I' 77773 1	C' 77776 1	C' 07604 1	I' 60114 0	C' 77771 0	C' 60271 0	I' 77414 0
30,2300	C' 01464 0	04555 0	C' 16063 0	05261 1	C' 00004 0	C' 05022 1	C' 13000 0	06006 1
30,2310	I' 43170 0	C' 00000 1	C' 04343 1	C' 60316 0	I' 77710 1	C' 77775 1	I' 40330 0	C' 03673 0
30,2320	C' 00001 0	I' 77624 1	C' 27371 1	I' 77624 1	C' 61326 1	I' 43014 0	C' 01751 0	C' 60332 0
30,2330	C' 01635 0	C' 60357 0	I' 77614 1	C' 01676 1	I' 66370 0	C' 00154 1	C' 00051 0	C' 00006 1
30,2340	I' 77214 0	C' 02676 1	C' 15332 1	C' 06555 1	I' 67300 0	C' 60343 0	C' 02005 0	C' 02401 0
30,2350	C' 02411 1	C' 02421 1	I' 77735 0	C' 02006 0	C' 02511 0	C' 02521 0	C' 02531 1	I' 77614 1
30,2360	C' 02666 0	I' 77624 1	C' 61322 0	C' 34041 0	C' 27113 1	I' 77624 1	C' 61273 0	I' 66150 0
30,2370	C' 02750 1	C' 01242 1	I' 77624 1	C' 47110 1	C' 01235 1	I' 41535 1	C' 02747 1	I' 50535 1



OCTAL LISTING FOR PARAGRAPH J 161, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACs (CONSTANTS)

30,2400	C' 02746 0	I' 50442 0	I' 77625 0	I' 43030 0	C' 60720 1	C' 02706 1	C' 60726 1	I' 77624 1
30,2410	C' 56741 0	I' 77614 1	C' 01471 1	I' 43014 0	C' 02466 1	C' 01062 1	I' 43014 0	C' 00462 1
30,2420	C' 03307 0	C' 61070 1	I' 53575 0	C' 01207 0	C' 02152 0	I' 43014 0	C' 01663 0	C' 04343 1
30,2430	C' 60433 0	I' 77614 1	C' 01463 1	I' 77624 1	C' 28533 0	I' 77624 1	C' 61240 0	I' 70414 1
30,2440	C' 04343 1	C' 60442 0	C' 02635 0	I' 72441 0	C' 01235 1	C' 24037 0	C' 15332 1	I' 41401 1
30,2450	C' 00001 0	I' 65208 0	C' 15330 0	I' 77702 1	C' 00005 1	C' 00011 1	C' 24015 0	C' 01235 1
30,2460	C' 24023 0	C' 02635 0	I' 77624 1	C' 61303 0	I' 66370 0	C' 00022 1	C' 00051 0	C' 00006 1
30,2470	I' 70573 1	C' 03524 1	I' 77741 0	C' 00037 0	I' 45445 0	C' 70253 1	I' 76100 1	C' 60470 1
30,2500	C' 00044 1	I' 64373 1	C' 02445 0	C' 03502 0	I' 77732 1	C' 06621 1	I' 71300 1	C' 60501 0
30,2510	C' 00041 1	I' 60414 0	C' 04343 1	C' 60514 1	I' 57101 0	C' 00050 1	C' 00047 1	I' 41316 0
30,2520	C' 21650 1	I' 77742 0	C' 00041 1	I' 77770 1	C' 00022 1	I' 64373 1	C' 03524 1	C' 03502 0
30,2530	I' 53761 1	C' 00041 1	C' 57212 1	C' 05301 0	I' 77300 1	C' 60525 0	C' 01235 1	C' 34023 1
30,2540	C' 61303 0	I' 50545 0	C' 02241 1	I' 63471 0	C' 00037 0	I' 77605 1	C' 02010 1	C' 00041 1
30,2550	I' 77770 1	C' 00022 1	I' 74373 0	C' 03524 1	C' 00041 1	I' 77653 1	C' 01301 1	C' 05301 0
30,2560	I' 77775 1	C' 15332 1	C' 06643 0	I' 40100 1	C' 60552 0	C' 60566 1	I' 50145 1	C' 01277 1
30,2570	C' 60607 0	I' 53166 0	C' 60607 0	C' 16625 1	C' 01275 0	I' 40071 0	C' 02625 1	C' 60601 0
30,2600	C' 02623 1	I' 56345 0	C' 01273 0	C' 02625 1	I' 77600 1	C' 60607 0	C' 02621 0	I' 63545 0
30,2610	C' 02623 1	I' 50021 1	C' 01267 0	C' 60627 1	I' 53166 0	C' 60627 1	C' 16631 1	C' 02621 0
30,2620	I' 44205 0	C' 02623 1	C' 01265 1	I' 40071 0	C' 02631 1	C' 60627 1	C' 02627 0	I' 63545 0
30,2630	C' 02627 0	I' 63525 0	C' 02621 0	I' 77615 0	I' 50021 1	C' 01257 0	C' 60641 1	I' 77766 0
30,2640	C' 02635 0	I' 74575 0	C' 02621 0	C' 26621 0	C' 02627 0	I' 77762 1	C' 26627 0	C' 02635 0
30,2650	I' 77762 1	C' 02635 0	I' 77624 1	C' 61322 0	C' 03672 1	I' 77776 1	05301 0	C' 04022 0
30,2660	41746 1	61747 1	00008 1	63126 1	31746 0	64712 1	55300 1	31750 1
30,2670	64716 0	55301 0	05301 0	C' 04022 0	31300 0	55746 1	31301 1	55750 0
30,2700	06006 1	I' 77624 1	C' 27371 1	I' 77624 1	C' 61326 1	I' 43014 0	C' 02706 1	C' 60361 0
30,2710	C' 01676 1	I' 43014 0	C' 01751 0	C' 60361 0	C' 01476 0	I' 77614 1	C' 01635 0	C' 60361 0
30,2720	I' 77624 1	C' 61322 0	C' 27670 0	C' 01235 1	C' 35215 1	C' 60655 1	I' 77775 1	C' 01701 0
30,2730	C' 14001 0	C' 03672 1	C' 00007 0	I' 45135 1	C' 03674 1	C' 55366 1	I' 45006 0	C' 61322 0
30,2740	C' 00007 0	I' 45135 1	C' 03674 1	C' 55341 1	C' 01701 0	I' 40014 0	C' 02464 0	C' 60750 0
30,2750	I' 77651 0	C' 01207 0	C' 03531 0	I' 47256 0	C' 01235 1	I' 40056 0	C' 60652 0	C' 01245 0
30,2760	I' 43014 0	C' 02466 1	C' 00467 1	I' 43345 1	C' 21650 1	C' 21652 0	C' 27526 0	C' 03531 0
30,2770	I' 60246 1	C' 00047 1	I' 41316 0	C' 03526 0	I' 56070 0	C' 00046 0	C' 03673 0	I' 53670 0



OCTAL LISTING FOR PARAGRAPH J 162, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED *aIa* (INTERPRETIVE OPERATOR WORDS) OR *aCa* (CONSTANTS)

30,3000	C' 03673 0	C' 20801 1	I' 77751 1	C' 00155 0	C' 37528 1	C' 47047 1	I' 57575 1	C' 03502 0
30,3010	C' 37516 1	C' 75250 1	I' 77824 1	C' 56741 0	I' 43014 0	C' 01342 0	C' 81047 0	C' 01282 0
30,3020	I' 77824 1	C' 56741 0	I' 51575 1	C' 01257 0	I' 53750 0	C' 03873 0	C' 20801 1	C' 27502 0
30,3030	C' 01265 1	I' 53846 0	C' 20801 1	C' 03504 0	I' 77776 1	33855 1	04555 0	C' 20763 1
30,3040	04106 1	03046 0	03230 0	34710 0	05415 1	05112 0	06008 1	I' 77624 1
30,3050	C' 75462 0	I' 77824 1	C' 61273 0	I' 77414 0	C' 02744 1	C' 60852 0	05301 0	C' 04022 0
30,3060	06006 1	I' 77214 0	C' 02864 1	C' 01701 0	I' 77851 0	C' 01207 0	C' 37531 1	C' 60760 0
30,3070	I' 66370 0	C' 00068 1	C' 00051 0	C' 00006 1	I' 77775 1	C' 15332 1	C' 06643 0	I' 67300 0
30,3100	C' 61076 1	C' 02007 1	C' 02821 0	C' 02831 1	C' 02841 0	I' 43014 0	C' 01663 0	C' 04343 1
30,3110	C' 61113 0	I' 77814 1	C' 01483 1	I' 77824 1	C' 61322 0	I' 77824 1	C' 26373 1	I' 43175 0
30,3120	C' 02152 0	C' 04343 1	C' 61124 1	I' 77752 1	I' 77850 1	C' 60744 0	06006 1	I' 46135 1
30,3130	C' 02746 0	C' 61180 1	I' 77778 1	05301 0	C' 04022 0	06006 1	I' 77745 1	C' 03670 0
30,3140	C' 34041 0	C' 27022 1	I' 77775 1	C' 00017 1	C' 25207 0	C' 01215 0	C' 25235 1	C' 01701 0
30,3150	I' 43046 1	C' 04343 1	C' 61154 0	I' 77702 1	C' 36241 0	C' 61240 0	I' 77850 1	C' 61183 1
30,3160	I' 77824 1	C' 61322 0	C' 03870 0	I' 77214 0	C' 01663 0	C' 01701 0	I' 43014 0	C' 04343 1
30,3170	C' 61173 0	C' 01483 1	I' 77742 0	C' 16152 0	C' 03870 0	I' 77824 1	C' 26322 0	I' 77624 1
30,3200	C' 61336 0	I' 77778 1	33856 1	04555 0	C' 20824 0	03233 0	03210 1	03224 0
30,3210	06006 1	I' 70740 0	C' 02750 1	C' 00001 0	C' 24007 0	C' 01701 0	C' 00001 0	I' 45135 1
30,3220	C' 15330 0	C' 55366 1	C' 02028 1	I' 77776 1	06006 1	I' 77824 1	C' 61354 1	I' 77776 1
30,3230	06006 1	I' 77850 1	C' 03703 0	06006 1	I' 77824 1	C' 61354 1	I' 77776 1	04106 1
30,3240	I' 77201 1	C' 00001 0	C' 01207 0	I' 50256 0	C' 01235 1	I' 57552 1	I' 77806 1	I' 44316 0
30,3250	C' 21854 0	I' 43125 0	C' 02241 1	C' 04343 1	C' 61256 1	I' 77712 0	I' 56362 0	C' 00045 0
30,3260	I' 45316 1	I' 44366 1	I' 77805 1	C' 00045 0	C' 00041 1	I' 77761 1	C' 01235 1	I' 53352 0
30,3270	C' 01207 0	C' 01701 0	I' 77818 0	I' 77350 1	C' 03873 0	C' 01573 1	I' 53257 1	C' 20610 1
30,3300	C' 01607 1	C' 01207 0	I' 77818 0	C' 00031 0	I' 77131 1	C' 00052 0	C' 00002 0	C' 00006 1
30,3310	I' 77770 1	C' 00022 1	I' 73775 0	C' 00031 0	C' 77746 1	C' 07524 0	I' 61110 0	C' 77771 0
30,3320	C' 61312 0	I' 77818 0	I' 70740 0	C' 02750 1	C' 00001 0	I' 77818 0	I' 43014 0	C' 01476 0
30,3330	C' 01475 0	I' 43014 0	C' 01474 1	C' 01472 1	I' 43414 1	C' 01673 1	I' 77745 1	C' 01110 0
30,3340	C' 16362 1	C' 01106 1	I' 77742 0	C' 02360 0	I' 77818 0	I' 77745 1	C' 02362 1	C' 15110 0
30,3350	C' 02360 0	I' 77752 1	C' 01106 1	I' 77818 0	I' 40220 0	C' 01214 1	C' 00001 0	I' 41575 0
30,3360	C' 15332 1	I' 41406 0	I' 77731 1	C' 00017 1	C' 00072 1	I' 66150 0	C' 00016 0	C' 00012 1
30,3370	I' 77624 1	C' 61606 0	I' 77750 0	C' 00010 0	C' 06641 1	I' 66110 1	C' 00002 0	C' 00010 0



OCTAL LISTING FOR PARAGRAPH J 163, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIB (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

30,3400	I' 46135 1	C' 00013 0	C' 61417 1	I' 77625 0	C' 21646 0	C' 00013 0	I' 46025 1	C' 21644 1
30,3410	C' 61413 0	I' 77650 1	C' 61370 1	I' 52131 0	C' 00013 0	C' 00004 0	C' 61370 1	I' 46135 1
30,3420	C' 00017 1	C' 61438 1	I' 77625 0	C' 21646 0	C' 00017 1	I' 46025 1	C' 21644 1	C' 61432 0
30,3430	I' 77650 1	C' 61365 0	I' 52131 0	C' 00017 1	C' 00004 0	C' 61365 0	I' 77624 1	C' 56741 0
30,3440	I' 77331 0	C' 00017 1	C' 00072 1	C' 15332 1	C' 00011 1	I' 66370 0	C' 00154 1	C' 00051 0
30,3450	C' 00008 1	C' 08555 1	I' 77700 0	C' 61451 0	I' 66150 0	C' 00018 0	C' 00012 1	I' 77624 1
30,3460	C' 61606 0	I' 43750 1	C' 00010 0	C' 02641 0	I' 66110 1	C' 00002 0	C' 00010 0	I' 54140 0
30,3470	C' 00012 1	C' 00014 1	I' 71244 0	C' 61477 1	C' 15332 1	I' 77650 1	C' 61500 0	I' 77766 0
30,3500	C' 06401 1	C' 14001 0	C' 00017 1	I' 77630 1	C' 61572 0	I' 46135 1	C' 00013 0	C' 61550 0
30,3510	I' 77625 0	C' 21646 0	C' 00013 0	I' 46025 1	C' 21644 1	C' 61520 1	I' 77650 1	C' 61523 1
30,3520	I' 77731 1	C' 00013 0	C' 00004 0	I' 77624 1	C' 61606 0	I' 43750 1	C' 00010 0	C' 02641 0
30,3530	I' 62071 0	C' 00001 0	C' 00002 0	I' 70130 1	C' 00010 0	C' 00012 1	I' 40060 0	C' 00014 1
30,3540	C' 61543 1	I' 77650 1	C' 61545 1	I' 77745 1	C' 15332 1	C' 06401 1	I' 77650 1	C' 61505 0
30,3550	I' 62150 1	C' 00014 1	C' 00008 1	I' 67330 0	C' 00014 1	C' 00017 1	I' 77625 0	C' 21646 0
30,3560	C' 00017 1	I' 46025 1	C' 21644 1	C' 61566 0	I' 77650 1	C' 61454 0	I' 52131 0	C' 00017 1
30,3570	C' 00004 0	C' 61454 0	I' 77624 1	C' 56741 0	I' 66370 0	C' 00066 1	C' 00051 0	C' 00006 1
30,3600	I' 77775 1	C' 15332 1	C' 06643 0	I' 52100 1	C' 61602 1	C' 01214 1	I' 40131 0	C' 00007 0
30,3610	C' 00377 1	C' 61612 0	I' 71140 1	C' 00012 1	C' 00016 0	I' 41545 0	C' 15332 1	I' 56743 1
30,3620	C' 02401 0	C' 75376 1	I' 41415 1	I' 62000 0	C' 61640 1	C' 77771 0	I' 67314 0	C' 77771 0
30,3630	C' 00007 0	I' 70430 1	C' 61636 0	C' 00007 0	I' 77650 1	C' 61617 0	I' 77745 1	I' 77616 0
30,3640	I' 77614 1	C' 01631 1	C' 61636 0	C' 00064 0	C' 00000 1	C' 00002 0	C' 00000 1	C' 10306 0
30,3650	C' 36750 0	C' 00253 0	C' 31436 1	C' 10000 0	C' 00000 1	C' 01461 0	C' 01531 1	C' 04000 0
30,3660	C' 00000 1	C' 00707 1	C' 03434 1	I' 45020 1	C' 03730 0	C' 27022 1	I' 66134 1	C' 03746 1
30,3670	C' 03745 1	I' 77775 1	C' 00001 0	C' 03632 0	C' 27570 0	C' 00007 0	C' 03640 0	C' 03576 0
30,3700	I' 67201 0	C' 00001 0	C' 15332 1	I' 43125 0	C' 21660 1	C' 03705 0	C' 61711 1	I' 77745 1
30,3710	C' 21662 0	I' 45006 0	C' 22000 1	I' 52001 1	C' 00001 0	C' 03730 0	I' 45175 0	C' 03632 0
30,3720	C' 77256 0	I' 70372 0	C' 21761 1	I' 52315 1	C' 03612 1	C' 03713 1	I' 52341 0	C' 21761 1
30,3730	I' 72561 0	C' 03703 0	C' 24015 0	C' 03721 0	I' 41456 0	I' 74241 0	C' 00015 0	C' 00001 0
30,3740	I' 51352 1	C' 00015 0	C' 14015 0	C' 03727 0	I' 56261 1	C' 21605 1	C' 03076 0	I' 63316 0
30,3750	C' 00015 0	I' 77636 1	I' 75421 1	I' 76561 1	I' 53455 0	C' 00015 0	C' 37713 0	C' 03657 0
30,3760	C' 01440 0	C' 00000 1	I' 45020 1	C' 02321 0	C' 55341 1	I' 70414 1	C' 01743 0	C' 61770 0
30,3770	C' 16152 0	C' 23534 1	I' 77624 1	C' 26322 0	I' 77650 1	C' 02321 0	C' 03776 1	CKSM 72005 1



OCTAL LISTING FOR PARAGRAPH J 164, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

31,2000	I' 77776 1	30036 1	50120 1	54011 0	30035 1	50120 1	54013 1	30120 1
31,2010	86211 0	40000 0	50120 1	54046 1	06006 1	I' 77624 1	C' 46000 0	C' 34015 1
31,2020	C' 73232 0	05447 0	C' 00010 0	05261 1	C' 00004 0	C' 00012 1	34760 1	55056 1
31,2030	06006 1	I' 43131 0	C' 00302 0	C' 00001 0	C' 00666 1	I' 66214 0	C' 00665 1	C' 00305 1
31,2040	C' 00000 1	I' 43131 0	C' 00303 1	C' 00000 1	C' 03267 1	I' 77414 0	C' 04664 1	06006 1
31,2050	I' 45014 0	C' 01702 0	C' 62060 0	C' 76360 0	I' 77624 1	C' 31322 0	I' 77650 1	C' 62236 1
31,2060	I' 77414 0	C' 04665 0	33050 1	04555 0	C' 20624 0	04106 1	02070 1	02062 1
31,2070	31751 0	00006 1	12074 1	02075 1	31752 0	74703 0	00006 1	12104 1
31,2100	06006 1	I' 52014 0	C' 01463 1	C' 62107 0	06006 1	I' 77614 1	C' 01663 0	I' 41535 1
31,2110	C' 00736 0	I' 41335 1	C' 23055 0	I' 66150 0	C' 00155 0	C' 00302 0	I' 77624 1	C' 30000 1
31,2120	C' 02617 0	I' 77776 1	31751 0	73052 1	55753 0	31752 0	00006 1	12144 0
31,2130	74706 0	00006 1	12137 1	06006 1	I' 52014 0	C' 00064 0	C' 62142 1	06006 1
31,2140	I' 77614 1	C' 00264 1	I' 77776 1	02156 1	31753 1	00006 1	12150 0	02156 1
31,2150	33047 1	04555 0	C' 20624 0	04106 1	02156 1	02150 1	06006 1	I' 77414 0
31,2160	C' 04705 1	C' 62265 1	33053 1	04555 0	C' 20751 0	04106 1	02173 0	02170 0
31,2170	06006 1	I' 77650 1	C' 62224 1	06006 1	I' 77634 0	C' 45505 0	C' 35225 1	C' 62272 1
31,2200	I' 53521 1	C' 01736 1	C' 27357 0	C' 23056 0	C' 03351 0	I' 77776 1	05447 0	C' 00124 0
31,2210	33063 1	54374 0	05301 0	C' 00012 1	04555 0	C' 56000 1	05301 0	C' 04022 0
31,2220	06006 1	I' 77614 1	C' 03307 0	C' 62226 0	I' 77624 1	C' 76360 0	I' 43014 0	C' 04464 0
31,2230	C' 63067 0	I' 77624 1	C' 30002 0	I' 43014 0	C' 04664 1	C' 03267 1	I' 77776 1	00004 0
31,2240	31330 0	74747 0	55242 0	00006 1	51242 1	30001 0	53225 1	51242 1
31,2250	30005 1	57754 0	00003 1	33051 0	04555 0	C' 20624 0	04106 1	02261 0
31,2260	02253 1	06006 1	I' 77414 0	C' 04465 1	02070 1	I' 45014 0	C' 02676 1	C' 62272 1
31,2270	I' 77650 1	C' 62364 1	I' 67220 0	C' 01150 1	C' 02752 0	I' 67230 1	C' 62307 1	C' 02754 0
31,2300	I' 45030 0	C' 62305 0	C' 63064 0	I' 77650 1	C' 62307 1	I' 77624 1	C' 61345 1	I' 71214 0
31,2310	C' 01711 1	C' 62315 1	C' 03001 0	C' 34001 1	C' 56544 1	I' 77624 1	C' 56343 0	I' 43014 0
31,2320	C' 01751 0	C' 62323 1	C' 01476 0	I' 45014 0	C' 01471 1	C' 27113 1	I' 77776 1	05301 0
31,2330	C' 04022 0	06006 1	I' 77624 1	C' 62767 0	I' 77214 0	C' 00345 0	C' 62341 0	C' 02272 1
31,2340	C' 03627 1	I' 46135 1	C' 02752 0	C' 62353 0	I' 77614 1	C' 00462 1	I' 45145 0	C' 01225 0
31,2350	C' 26373 1	I' 77650 1	C' 62355 0	I' 77624 1	C' 62527 0	C' 03665 1	I' 40251 0	C' 03627 1
31,2360	C' 00001 0	C' 03657 0	I' 77650 1	C' 01150 1	I' 41456 0	I' 77775 1	C' 00043 0	C' 24037 0
31,2370	C' 03635 1	I' 54361 1	C' 23030 0	C' 20620 1	I' 77655 1	I' 77656 1	C' 27643 0	C' 03635 1

OCTAL LISTING FOR PARAGRAPH J 165, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #I# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

31,2400	I' 52342 0	C' 02141 1	I' 54361 1	C' 23030 0	C' 20616 1	I' 53455 0	C' 02617 0	C' 03651 0
31,2410	I' 72441 0	C' 03643 0	I' 77206 0	C' 03643 0	I' 57561 1	I' 53372 1	C' 03651 0	I' 77656 1
31,2420	C' 27502 0	C' 15332 1	C' 03510 0	C' 17516 0	C' 00001 0	I' 57526 1	I' 71206 0	C' 15332 1
31,2430	I' 77776 1	33041 1	54001 1	31754 0	00006 1	20001 1	54154 0	06006 1
31,2440	I' 67206 1	C' 01343 1	I' 77621 1	I' 43242 1	I' 41215 1	C' 23036 0	C' 00041 1	I' 52405 1
31,2450	C' 07107 0	I' 62414 1	C' 04343 1	C' 62454 0	C' 17524 1	C' 00037 0	I' 47005 1	C' 23045 1
31,2460	C' 45562 1	I' 77771 0	C' 23042 0	C' 03526 0	I' 45014 0	C' 02666 0	C' 75250 1	I' 77624 1
31,2470	C' 56741 0	I' 51575 1	C' 01265 1	I' 60414 0	C' 04343 1	C' 62476 0	C' 27504 0	C' 01257 0
31,2500	I' 77646 0	I' 60414 0	C' 04343 1	C' 62504 1	C' 03502 0	I' 77776 1	33046 0	04555 0
31,2510	C' 20763 1	02506 0	02521 0	02047 0	34710 0	05415 1	05301 0	C' 00012 1
31,2520	C' 05112 0	06006 1	I' 45014 0	C' 00467 1	C' 75462 0	I' 77776 1	04106 1	I' 40220 0
31,2530	C' 03672 1	C' 00001 0	I' 65345 0	C' 01714 1	C' 01716 0	I' 63325 0	C' 15340 1	C' 02617 0
31,2540	I' 53435 0	C' 03627 1	C' 27621 1	I' 53435 0	C' 03621 1	C' 27605 1	C' 03621 1	I' 53435 0
31,2550	C' 03605 1	C' 03613 0	I' 50214 0	C' 01703 1	C' 62752 0	C' 00001 0	C' 36156 0	C' 28437 0
31,2560	I' 65215 1	C' 01355 0	C' 23032 1	I' 41415 1	C' 01355 0	I' 64375 1	C' 03627 1	C' 03605 1
31,2570	I' 63372 1	C' 02617 0	I' 76521 0	C' 03605 1	I' 77725 1	C' 00003 1	C' 14043 0	C' 00005 1
31,2600	I' 77624 1	C' 62756 1	I' 41257 1	C' 20611 0	C' 00155 0	C' 14037 0	C' 00001 0	C' 14043 0
31,2610	C' 00007 0	I' 77624 1	C' 62756 1	I' 41257 1	C' 20611 0	C' 00155 0	I' 41415 1	C' 00037 0
31,2620	I' 75425 0	C' 23040 1	I' 77725 1	C' 00021 1	C' 14043 0	C' 00005 1	I' 77624 1	C' 62756 1
31,2630	I' 65257 1	C' 20622 0	C' 00007 0	I' 77624 1	C' 62756 1	I' 65257 1	C' 20622 0	C' 00021 1
31,2640	C' 14043 0	C' 00023 0	I' 77624 1	C' 62756 1	I' 77657 0	C' 20611 0	C' 14035 1	C' 00001 0
31,2650	C' 14043 0	C' 00003 1	I' 77624 1	C' 62756 1	I' 41257 1	C' 20601 1	C' 00035 1	I' 72405 0
31,2660	C' 00007 0	I' 77725 1	C' 00003 1	C' 14043 0	C' 00001 0	I' 77624 1	C' 62756 1	I' 41257 1
31,2670	C' 20601 1	C' 00035 1	I' 72405 0	C' 00005 1	I' 43325 1	C' 00025 0	C' 00031 0	I' 45325 1
31,2700	C' 00027 1	C' 00033 1	I' 40206 1	C' 00021 1	I' 45345 1	C' 00025 0	C' 00031 0	I' 43325 1
31,2710	C' 00027 1	C' 00033 1	I' 41525 0	C' 15332 1	C' 24041 1	C' 00035 1	I' 53451 1	C' 00005 1
31,2720	I' 63241 0	C' 00013 0	C' 00021 1	I' 53451 1	C' 00005 1	I' 41441 0	C' 00013 0	I' 50021 1
31,2730	C' 00027 1	C' 62740 0	I' 77614 1	C' 00304 0	C' 62744 1	I' 52175 0	C' 00035 1	C' 62746 0
31,2740	I' 52014 0	C' 00304 0	C' 62735 1	C' 62744 1	I' 77775 1	C' 00021 1	I' 76505 0	C' 03605 1
31,2750	I' 77650 1	C' 03672 1	I' 41545 0	C' 23034 1	I' 52006 0	C' 62565 0	I' 70501 1	C' 00047 1
31,2760	C' 14045 0	C' 00043 0	I' 55301 0	C' 00051 0	C' 00045 0	I' 43460 1	C' 00050 1	I' 77014 1
31,2770	C' 04343 1	C' 63001 0	C' 77775 1	I' 77614 1	C' 01743 0	C' 63005 1	I' 52014 0	C' 00265 0



OCTAL LISTING FOR PARAGRAPH J 166, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

31,3000	C' 63007 0	I' 43174 1	C' 00000 1	C' 01743 0	C' 62776 0	I' 77614 1	C' 00065 1	I' 44575 0
31,3010	C' 01573 1	I' 53257 1	C' 57176 0	C' 01607 1	I' 77857 0	C' 57176 0	C' 27627 1	C' 01601 1
31,3020	I' 53702 1	C' 57176 0	I' 53655 1	C' 01615 1	C' 57176 0	C' 03635 1	I' 77616 0	C' 26305 0
31,3030	C' 05432 1	C' 00302 0	C' 24533 1	C' 00065 1	C' 01265 1	C' 01604 1	C' 00000 1	C' 00000 1
31,3040	C' 02000 0	C' 00000 1	C' 01505 0	C' 14100 0	C' 00012 1	C' 27462 1	C' 01461 0	C' 01531 1
31,3050	C' 01306 0	C' 01307 1	C' 00077 1	C' 00202 1	C' 00006 1	C' 10461 0	C' 21675 0	C' 00000 1
31,3060	C' 00000 1	C' 15375 1	C' 02004 1	C' 62217 1	I' 77735 0	C' 02754 0	I' 45230 1	C' 63101 1
31,3070	C' 21646 0	I' 70152 0	C' 00154 1	I' 64743 0	C' 23705 1	C' 23623 1	I' 55523 0	C' 23541 0
31,3100	C' 01104 0	I' 77616 0	I' 71220 1	C' 03657 0	C' 03413 1	C' 34041 0	C' 27022 1	I' 67175 0
31,3110	C' 00007 0	C' 03746 1	C' 27640 0	C' 00001 0	C' 03632 0	C' 03540 0	I' 53435 0	C' 03640 0
31,3120	C' 36617 1	C' 72667 0	I' 61375 1	C' 03405 0	C' 00001 0	I' 66172 0	C' 03745 1	C' 03646 0
31,3130	I' 77646 0	C' 27654 0	C' 03632 0	I' 53315 0	C' 03646 0	C' 03640 0	I' 77624 1	C' 45312 0
31,3140	I' 77624 1	C' 45422 1	I' 77624 1	C' 46754 0	C' 16366 0	C' 00005 1	I' 77624 1	C' 45422 1
31,3150	I' 77624 1	C' 46754 0	C' 36364 0	C' 03657 0	I' 71220 1	C' 03657 0	C' 03413 1	C' 34041 0
31,3160	C' 61663 0	I' 63375 0	C' 03632 0	C' 03612 1	I' 77624 1	C' 45312 0	I' 77624 1	C' 45422 1
31,3170	I' 77624 1	C' 46754 0	C' 16366 0	C' 00005 1	I' 77624 1	C' 45422 1	I' 77624 1	C' 46754 0
31,3200	C' 26364 1	C' 03646 0	C' 00001 0	I' 45014 0	C' 01072 0	C' 10653 0	I' 77646 0	C' 17654 0
31,3210	C' 03423 1	I' 77615 0	C' 03413 1	C' 37656 0	C' 03657 0	06006 1	I' 77634 0	C' 45505 0
31,3220	C' 01046 1	I' 77776 1	33535 1	04555 0	C' 20465 1	05423 1	03230 0	03222 0
31,3230	06006 1	I' 43175 0	C' 02026 1	C' 00462 1	C' 14001 0	C' 23534 1	C' 14007 0	C' 23534 1
31,3240	I' 77614 1	C' 01463 1	I' 77624 1	C' 61762 0	I' 77745 1	C' 01106 1	C' 16353 0	C' 01046 1
31,3250	C' 34041 0	C' 27022 1	I' 77775 1	C' 00017 1	C' 02337 1	C' 26152 0	C' 00025 0	C' 16345 1
31,3260	C' 00015 0	C' 36323 0	C' 26322 0	I' 76145 0	C' 01106 1	C' 02352 1	C' 36335 1	C' 63414 0
31,3270	C' 01046 1	I' 77776 1	33536 1	04555 0	C' 20465 1	05423 1	03300 1	03272 0
31,3300	06006 1	I' 75170 0	C' 00005 1	C' 00002 0	I' 43134 0	C' 02324 0	C' 00462 1	I' 66730 0
31,3310	C' 02325 1	C' 23534 1	C' 16327 0	C' 15340 1	C' 02330 0	I' 54170 0	C' 63620 0	C' 02324 0
31,3320	I' 77624 1	C' 63414 0	C' 02321 0	I' 45014 0	C' 01463 1	C' 26322 0	I' 77754 1	C' 02324 0
31,3330	I' 44343 0	C' 54240 0	C' 01104 0	I' 41446 1	I' 51025 1	C' 02330 0	C' 63345 0	I' 45545 1
31,3340	C' 61447 1	C' 02321 0	C' 01046 1	I' 77734 1	C' 02333 0	I' 67114 1	C' 77775 1	C' 02324 0
31,3350	I' 45335 0	C' 00050 1	C' 02327 0	I' 52030 0	C' 63356 1	C' 63315 0	I' 70535 0	C' 02334 1
31,3360	I' 63144 0	C' 00154 1	C' 00001 0	I' 77534 0	C' 02751 0	33537 0	04555 0	C' 20504 1
31,3370	05423 1	03376 0	03404 1	34715 0	05415 1	05112 0	33535 1	04555 0

OCAL LISTING FOR PARAGRAPH J 167, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

31,3400	C' 20465 1	05423 1	03404 1	03376 0	06008 1	I' 66350 1	C' 02325 1	C' 00051 0
31,3410	C' 00001 0	I' 77500 1	C' 63307 0	05423 1	I' 86020 0	C' 02321 0	C' 02320 1	I' 77601 0
31,3420	C' 00001 0	I' 65375 0	C' 15324 0	C' 02323 1	I' 45125 0	C' 15340 1	C' 55341 1	I' 53515 0
31,3430	C' 02337 1	I' 47208 0	C' 00001 0	I' 53572 1	I' 47208 0	C' 00001 0	I' 53572 1	I' 47315 0
31,3440	C' 02337 1	C' 02345 1	I' 53572 1	I' 70125 0	C' 02335 0	C' 02320 1	I' 41223 1	C' 00001 0
31,3450	C' 23534 1	I' 73406 1	I' 78561 1	C' 00023 0	I' 71525 0	I' 76561 1	C' 00015 0	I' 47255 0
31,3460	I' 53572 1	C' 02152 0	I' 72441 0	C' 00007 0	C' 02734 0	I' 73526 1	C' 26732 0	C' 00007 0
31,3470	I' 50235 0	C' 02152 0	C' 00031 0	I' 71244 0	C' 63500 1	C' 02732 0	I' 77676 0	C' 02732 0
31,3500	I' 43175 0	C' 02337 1	C' 03466 0	C' 26657 1	C' 02345 1	C' 02746 0	I' 45160 1	C' 00012 1
31,3510	C' 24737 1	I' 43014 0	C' 04313 1	C' 63523 0	C' 04310 1	C' 63523 0	I' 43345 1	C' 02323 1
31,3520	C' 00037 0	I' 77650 1	C' 02321 0	I' 52145 0	C' 15332 1	C' 02321 0	C' 77763 0	C' 77751 1
31,3530	C' 77737 1	C' 77725 1	C' 77713 1	C' 37716 0	C' 33106 0	C' 01442 1	C' 01437 0	C' 01306 0
31,3540	C' 77406 0	C' 56241 0	C' 00043 0	C' 24640 0	C' 00046 0	C' 25716 0	C' 77741 0	C' 65060 1
31,3550	C' 00055 1	C' 20266 1	C' 77720 1	C' 46646 1	C' 77646 0	C' 57652 1	C' 00155 0	C' 07202 0
31,3560	C' 00466 0	C' 07373 1	C' 00050 1	C' 36561 0	C' 00070 0	C' 04130 1	C' 77662 0	C' 64143 0
31,3570	C' 77747 0	C' 67215 0	C' 00062 0	C' 32207 0	C' 00070 0	C' 34343 1	C' 77463 0	C' 46314 0
31,3600	C' 00004 0	C' 21505 1	C' 00271 0	C' 32622 0	C' 00101 1	C' 07343 1	C' 77574 1	C' 70656 0
31,3610	C' 00065 1	C' 03052 0	C' 77642 1	C' 66360 1	C' 00045 0	C' 05267 1	C' 77577 1	C' 71734 1
31,3620	C' 00130 0	C' 27711 0	C' 05120 1	C' 14712 0	C' 05076 0	C' 06264 1	C' 04453 1	C' 23531 1
31,3630	C' 03554 0	C' 33074 1	C' 03326 0	C' 25112 1	C' 03263 0	C' 00252 1	C' 03014 1	C' 34505 0
31,3640	C' 03007 0	C' 22564 0	C' 02740 0	C' 04432 0	C' 02531 1	C' 04017 0	C' 02066 0	C' 23501 1
31,3650	C' 01502 1	C' 13664 1	C' 01272 1	C' 23036 0	C' 00570 0	C' 37365 0	C' 00252 1	C' 25253 1
31,3660	C' 00000 1	C' 30213 1	C' 77703 0	C' 52142 1	C' 77254 1	C' 76114 1	C' 77173 1	C' 64334 1
31,3670	C' 76265 1	C' 51114 1	C' 75644 0	C' 77223 1	C' 75215 0	C' 72762 1	C' 74613 0	C' 76225 0
31,3700	C' 74571 1	C' 67600 0	C' 74174 0	C' 54550 0	C' 77777 0	C' 75752 0	C' 77777 0	C' 75752 0
31,3710	C' 77777 0	C' 76200 1	C' 77777 0	C' 76736 1	C' 77777 0	C' 77051 0	C' 77777 0	C' 77556 1
31,3720	C' 77777 0	C' 77556 1	C' 77777 0	C' 76370 1	C' 77777 0	C' 77102 1	C' 77777 0	C' 76426 0
31,3730	C' 77777 0	C' 74660 1	C' 00000 1	C' 04773 0	C' 00000 1	C' 06577 1	C' 00000 1	C' 04773 0
31,3740	C' 00000 1	C' 02741 1	C' 00000 1	C' 03643 0	C' 77777 0	C' 77053 1	C' 00000 1	C' 02234 0
31,3750	C' 00000 1	C' 02347 0	C' 00000 1	C' 00151 1	C' 00000 1	C' 00740 1	C' 00000 1	C' 01217 1
31,3760	C' 00000 1	C' 01301 1	C' 77777 0	C' 75337 1	C' 77777 0	C' 75470 0	C' 03766 0	C' 03767 1
31,3770	CKSM 40224 1	"	"	"	"	"	"	"



OCTAL LISTING FOR PARAGRAPH J 170, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

32,2000	I' 65345 0	C' 27112 0	C' 02403 1	I' 57546 1	I' 73525 1	C' 02403 1	I' 74266 0	C' 26450 1
32,2010	C' 02405 1	I' 77634 0	C' 45505 0	C' 28443 0	C' 27112 0	C' 02650 0	I' 77618 0	C' 00011 1
32,2020	I' 45244 1	C' 64067 1	C' 16326 1	I' 45000 0	C' 64067 1	C' 55050 1	I' 45006 0	C' 56573 0
32,2030	I' 77624 1	C' 64075 1	I' 65525 0	C' 00017 1	I' 77615 0	C' 00005 1	C' 26350 0	C' 03401 1
32,2040	C' 15104 0	C' 15332 1	C' 15110 0	C' 01205 1	I' 71214 0	C' 03711 0	C' 64050 0	C' 02325 1
32,2050	I' 43225 0	C' 00011 1	I' 45014 0	C' 00662 0	C' 28373 1	I' 63256 0	C' 02327 0	I' 50256 0
32,2060	I' 65552 0	I' 77621 1	C' 02350 0	C' 36356 1	C' 27404 1	I' 77624 1	C' 46653 0	I' 65345 0
32,2070	C' 15330 0	C' 15332 1	I' 77606 1	C' 34011 0	C' 64036 0	I' 77775 1	C' 24251 1	C' 14045 0
32,2100	C' 00001 0	I' 50025 0	C' 24243 1	C' 64130 1	I' 65060 1	C' 00050 1	C' 00046 0	I' 45324 0
32,2110	C' 00050 1	C' 24231 1	I' 65040 0	C' 64130 1	C' 00050 1	I' 50025 0	C' 24241 0	C' 64130 1
32,2120	I' 65124 0	C' 00050 1	C' 00046 0	I' 50025 0	C' 24225 1	C' 64130 1	I' 77730 0	C' 00050 1
32,2130	I' 52110 0	C' 00001 0	C' 64135 1	I' 77730 0	C' 00050 1	I' 44745 1	C' 00001 0	C' 24240 1
32,2140	I' 42603 1	C' 24224 0	C' 24210 1	I' 60125 1	C' 00003 1	C' 64133 1	I' 55225 1	I' 50000 1
32,2150	C' 64167 0	C' 64167 0	I' 45325 1	C' 00001 0	C' 24251 1	I' 71244 0	C' 64184 0	C' 24245 1
32,2160	I' 77671 1	C' 00001 0	I' 43405 1	C' 00005 1	I' 52145 0	C' 24247 0	C' 64162 0	I' 52145 0
32,2170	C' 24173 1	C' 64152 0	C' 02755 1	C' 01307 1	C' 00013 0	C' 22652 0	C' 00005 1	C' 01642 0
32,2200	C' 00005 1	C' 01642 0	C' 77556 1	C' 53522 1	C' 00055 1	C' 20266 1	C' 00155 0	C' 07202 0
32,2210	C' 00000 1	C' 00000 1	C' 77730 0	C' 71525 0	C' 00000 1	C' 00000 1	C' 04445 0	C' 10102 0
32,2220	C' 03728 1	C' 31201 0	C' 01040 1	C' 26313 1	C' 00234 1	C' 01660 0	C' 25254 0	C' 01014 0
32,2230	C' 02222 1	C' 15646 1	C' 22223 1	C' 16457 0	C' 25254 0	C' 01014 0	C' 30304 0	C' 23351 1
32,2240	C' 03030 1	C' 22335 1	C' 20000 0	C' 00000 1	C' 00033 1	C' 05763 0	C' 00053 1	C' 36200 0
32,2250	C' 23637 1	C' 27636 1	C' 00012 1	C' 00010 0	C' 00006 1	I' 77420 1	C' 03762 1	30154 1
32,2260	C' 05851 0	32271 1	04555 0	C' 20624 0	14106 0	12261 1	06006 1	I' 77650 1
32,2270	C' 03762 1	C' 01211 1	I' 43020 1	C' 03733 0	C' 03666 1	I' 67164 0	C' 20000 0	C' 02756 1
32,2300	I' 45140 0	C' 03734 1	C' 25552 1	C' 27710 1	I' 77626 0	C' 60121 0	C' 00037 0	C' 37724 1
32,2310	C' 03733 0	I' 77220 1	C' 03762 1	C' 03710 1	I' 65256 0	C' 00045 0	C' 17767 1	C' 03736 0
32,2320	I' 77625 0	C' 03413 1	C' 25641 0	C' 03656 1	I' 50256 0	I' 77752 1	I' 44326 0	C' 31655 0
32,2330	C' 27771 0	C' 03700 0	I' 41451 1	C' 03672 1	I' 57441 1	C' 03740 1	I' 41515 0	I' 63345 0
32,2340	C' 31677 0	I' 55441 0	C' 03746 1	I' 77772 0	C' 27405 0	C' 03656 1	C' 02657 1	I' 45246 0
32,2350	C' 31723 0	C' 26760 1	C' 03710 1	C' 36746 1	C' 64272 1	I' 53575 0	C' 03656 1	I' 53515 0
32,2360	C' 03710 1	I' 72441 0	I' 65336 1	C' 00045 0	I' 51525 1	I' 45006 0	C' 64075 1	I' 43215 0
32,2370	C' 03724 0	C' 03736 0	C' 14003 1	C' 00005 1	I' 77756 0	C' 17403 0	I' 77746 1	C' 03401 1

OCAL LISTING FOR PARAGRAPH J 171, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

32,2400	I' 53575 0	C' 03858 1	I' 41408 0	I' 53515 0	C' 03710 1	I' 47315 0	I' 53435 0	I' 63361 0
32,2410	C' 03403 0	I' 53361 0	C' 03401 1	I' 43014 0	C' 00662 0	C' 01663 0	C' 16152 0	I' 77824 1
32,2420	C' 28322 0	I' 77745 1	C' 01104 0	C' 17401 1	C' 01108 1	C' 37403 1	C' 03762 1	I' 71220 1
32,2430	C' 03782 1	C' 03413 1	C' 34041 0	C' 27022 1	I' 67175 0	C' 00001 0	C' 03755 0	C' 27640 0
32,2440	C' 00007 0	C' 17672 1	C' 00015 0	C' 03716 1	I' 53135 0	C' 03756 0	C' 64452 0	I' 52135 1
32,2450	C' 31736 1	C' 74772 0	I' 53575 0	C' 03640 0	C' 17740 1	C' 00045 0	C' 27648 0	C' 03672 1
32,2460	I' 77656 1	C' 03746 1	I' 72441 0	C' 03740 1	C' 03757 1	I' 45246 0	C' 31752 0	I' 71240 1
32,2470	C' 64477 1	C' 31655 0	I' 41525 0	C' 31677 0	I' 41466 0	I' 77650 1	C' 64503 0	I' 47375 0
32,2500	C' 03740 1	C' 03748 1	I' 77608 1	I' 41545 0	I' 77244 0	C' 64507 1	I' 41476 1	I' 77775 1
32,2510	I' 53435 0	C' 03740 1	C' 03746 1	I' 77650 1	C' 03762 1	I' 71220 1	C' 03762 1	C' 31705 1
32,2520	C' 17730 0	C' 03638 1	C' 03664 0	I' 77745 1	C' 31715 0	C' 17650 1	C' 31703 1	C' 37732 0
32,2530	C' 65103 0	I' 77624 1	C' 11527 1	I' 77745 1	C' 02742 1	C' 14033 1	C' 02744 1	C' 14035 1
32,2540	C' 00041 1	C' 14031 0	C' 03775 1	I' 77661 0	C' 20206 1	C' 03724 0	I' 43276 0	C' 03726 1
32,2550	I' 45246 0	C' 31760 1	I' 50000 1	C' 64555 0	C' 64736 1	I' 50145 1	C' 03732 1	C' 64563 0
32,2560	I' 52135 1	C' 31735 1	C' 65053 1	I' 53145 1	C' 03730 0	C' 64616 1	I' 42545 0	C' 00035 1
32,2570	I' 52525 1	C' 00033 1	I' 41205 0	C' 03754 1	I' 57512 0	I' 50015 0	C' 31655 0	C' 64602 1
32,2600	I' 52166 1	C' 64604 1	I' 77745 1	C' 31677 0	I' 43205 1	C' 03761 1	C' 31657 1	I' 60325 0
32,2610	C' 00035 1	C' 00047 1	I' 77665 1	I' 52057 1	C' 20175 0	C' 64624 0	I' 60345 0	C' 00031 0
32,2620	C' 00047 1	I' 53665 1	C' 03664 0	C' 20200 1	I' 45208 1	C' 31653 0	I' 77676 0	C' 03765 0
32,2630	I' 71240 1	C' 64642 0	C' 03724 0	I' 71240 1	C' 64640 1	C' 03765 0	I' 77676 0	C' 03765 0
32,2640	I' 77745 1	C' 03765 0	I' 45246 0	C' 31764 0	I' 71240 1	C' 64736 1	I' 72405 0	C' 00031 0
32,2650	I' 77606 1	I' 43345 1	C' 03732 1	C' 31675 1	C' 03732 1	I' 43175 0	C' 03656 1	C' 03466 0
32,2660	C' 26657 1	C' 03710 1	I' 77765 0	C' 03765 0	C' 18746 0	C' 31653 0	I' 57565 0	C' 03765 0
32,2670	I' 71354 0	C' 00154 1	I' 67140 0	C' 03734 1	C' 02756 1	C' 36760 0	C' 25552 1	I' 75345 1
32,2700	C' 00037 0	C' 03765 0	I' 60325 0	C' 03650 1	C' 00047 1	I' 53665 1	C' 00001 0	C' 20176 0
32,2710	I' 50006 1	C' 64716 0	I' 65345 0	C' 31715 0	I' 77650 1	C' 64720 0	I' 65345 0	C' 31707 0
32,2720	I' 45271 1	C' 00003 1	C' 31657 1	I' 71240 1	C' 64730 1	I' 77605 1	C' 03650 1	C' 00001 0
32,2730	I' 41545 0	C' 00001 0	C' 37650 0	C' 65065 1	I' 77650 1	C' 64531 1	I' 45345 1	C' 00031 0
32,2740	C' 03664 0	I' 51406 1	I' 50025 0	C' 31766 1	C' 65037 0	I' 53145 1	C' 03730 0	C' 64560 0
32,2750	I' 53025 0	C' 31705 1	C' 65005 1	I' 45345 1	C' 03670 0	C' 00031 0	I' 55301 0	C' 00050 1
32,2760	C' 03666 1	I' 41457 1	C' 57600 0	I' 40015 1	C' 31653 0	C' 64772 1	I' 45246 0	C' 31653 0
32,2770	I' 77640 0	C' 64775 0	I' 57545 1	C' 31715 0	I' 77725 1	I' 41345 0	I' 77712 0	C' 03666 1

OCTAL LISTING FOR PARAGRAPH J 172, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #I# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

32,3000	I' 77615 0	C' 03636 1	C' 03636 1	I' 77650 1	C' 65024 1	I' 63545 0	C' 03664 0	I' 70501 1
32,3010	C' 00047 1	I' 60325 0	C' 00031 0	C' 00050 1	I' 55260 0	C' 00047 1	I' 77857 0	C' 20600 0
32,3020	C' 03636 1	I' 77625 0	C' 03664 0	C' 03666 1	I' 77745 1	C' 00031 0	C' 17670 0	C' 03730 0
32,3030	I' 77625 0	C' 31675 1	C' 37730 1	C' 65136 0	I' 52030 0	C' 64523 1	C' 65053 1	I' 45345 1
32,3040	C' 03726 1	C' 03724 0	I' 45246 0	C' 31770 0	I' 67240 0	C' 65051 0	C' 31737 0	I' 77650 1
32,3050	C' 65053 1	I' 77745 1	C' 31677 0	I' 77650 1	C' 03762 1	I' 45020 1	C' 03733 0	C' 27371 1
32,3060	I' 43175 0	C' 03640 0	C' 01473 0	I' 77650 1	C' 65111 0	I' 45020 1	C' 03733 0	C' 27371 1
32,3070	I' 77214 0	C' 01673 1	C' 03656 1	C' 25535 0	C' 03710 1	C' 15543 1	C' 03736 0	C' 01517 0
32,3100	I' 77615 0	I' 77650 1	C' 65117 0	I' 45020 1	C' 03733 0	C' 27371 1	I' 43175 0	C' 03640 0
32,3110	C' 01673 1	C' 25535 0	C' 03700 0	C' 15543 1	C' 03716 1	C' 15517 0	C' 03736 0	C' 00041 1
32,3120	I' 45014 0	C' 00263 0	C' 27066 1	I' 77775 1	C' 00001 0	C' 03656 1	I' 70125 0	C' 00015 0
32,3130	C' 03734 -1	C' 27736 0	C' 00007 0	C' 03710 1	I' 77650 1	C' 03733 0	I' 77620 0	C' 00041 1
32,3140	I' 43001 1	C' 00001 0	C' 00272 0	I' 60345 0	C' 03636 1	C' 00047 1	I' 60325 0	C' 03646 0
32,3150	C' 00051 0	C' 00013 0	I' 56342 1	I' 65260 0	C' 00050 1	C' 03726 1	I' 77716 1	I' 43342 0
32,3160	C' 31653 0	C' 03754 1	I' 77605 1	C' 00001 0	C' 00035 1	I' 53605 1	C' 00001 0	C' 20172 1
32,3170	I' 45257 0	C' 20172 1	C' 31671 0	I' 65234 1	C' 45562 1	C' 31653 0	I' 57457 0	C' 20801 1
32,3200	I' 41215 1	C' 00001 0	C' 03646 0	I' 47057 0	C' 20172 1	C' 45562 1	I' 77725 1	C' 33770 1
32,3210	I' 70501 1	C' 00050 1	I' 56264 1	C' 00050 1	C' 00013 0	I' 65257 1	C' 57170 0	C' 03652 0
32,3220	I' 41406 0	I' 77624 1	C' 56633 1	I' 41476 1	I' 40476 0	I' 41525 0	C' 03654 0	I' 45006 0
32,3230	C' 56633 1	I' 50125 1	C' 03730 0	C' 65236 0	I' 77650 1	C' 65250 0	I' 77745 1	C' 03632 0
32,3240	I' 52054 1	C' 65243 1	C' 65344 1	I' 50145 1	C' 03757 1	C' 65344 1	I' 77650 1	C' 65352 0
32,3250	I' 47145 1	C' 31671 0	C' 45562 1	I' 65276 1	C' 31715 0	I' 45257 0	C' 20601 1	C' 00001 0
32,3260	I' 53605 1	C' 00035 1	C' 20172 1	I' 76257 0	C' 20172 1	I' 65234 1	C' 45562 1	C' 03722 0
32,3270	C' 00001 0	I' 77751 1	I' 53040 0	C' 65300 1	C' 65300 1	I' 52061 1	C' 20210 0	C' 65311 1
32,3300	I' 50145 1	C' 03761 1	C' 65322 1	I' 77676 0	C' 17761 1	C' 31705 1	C' 03730 0	I' 77650 1
32,3310	C' 65322 1	I' 47166 0	C' 45713 0	I' 50125 1	C' 03761 1	C' 65330 1	I' 45545 1	C' 77760 0
32,3320	I' 77676 0	C' 00013 0	I' 53145 1	C' 03722 0	C' 65344 1	I' 52040 1	C' 65344 1	C' 65352 0
32,3330	I' 53145 1	C' 03722 0	C' 65341 1	I' 71240 1	C' 65341 1	I' 77626 0	C' 77764 1	I' 77650 1
32,3340	C' 65352 0	I' 57545 1	I' 77626 0	C' 77760 0	I' 77745 1	C' 00013 0	C' 17722 0	C' 00015 0
32,3350	I' 52006 0	C' 65357 0	I' 77745 1	C' 00017 1	C' 17722 0	C' 00015 0	I' 41476 1	I' 77624 1
32,3360	C' 65500 1	I' 53145 1	C' 03632 0	C' 65476 1	I' 50025 0	C' 03706 0	C' 65371 1	I' 77650 1
32,3370	C' 65424 0	I' 50145 1	C' 03730 0	C' 65376 0	I' 77650 1	C' 65437 1	I' 53145 1	C' 03722 0



OCTAL LISTING FOR PARAGRAPH J 174, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A₁A (INTERPRETIVE OPERATOR WORDS) OR A₂C₂ (CONSTANTS)

33,2000	03425 1	03132 1	05243 1	C' 00007 0	34714 1	55452 1	55643 0	32443 0
33,2010	55412 0	02302 1	34734 0	55644 1	32441 1	55074 1	06006 1	I' 77624 1
33,2020	C' 10617 0	I' 57546 1	I' 77752 1	C' 16447 1	C' 02403 1	I' 72556 1	C' 02445 0	I' 77776 1
33,2030	04555 0	C' 16516 1	02316 1	34714 1	55421 0	55450 0	55451 1	34375 1
33,2040	55655 1	32445 0	02356 0	34675 1	55713 1	06006 1	I' 73545 1	C' 02401 0
33,2050	C' 02724 1	C' 16734 0	C' 02401 0	I' 77746 1	C' 02726 0	I' 77676 0	C' 02732 0	I' 77776 1
33,2060	05253 0	C' 00003 1	12064 0	13432 0	06006 1	I' 77624 1	C' 47244 0	I' 77776 1
33,2070	04555 0	C' 16602 1	34675 1	70077 0	00006 1	12077 1	25421 1	05447 0
33,2100	C' 00056 1	02316 1	11421 0	02131 0	04555 0	C' 17012 1	02316 1	00006 1
33,2110	31657 1	05231 1	C' 02116 0	C' 66065 1	32121 1	05070 0	32121 1	05074 1
33,2120	05213 1	C' 66453 0	34714 1	55050 1	31514 0	55051 0	51423 0	55430 0
33,2130	02427 1	51421 1	02133 1	02417 1	34374 0	55412 0	34712 1	55547 1
33,2140	34714 1	51422 1	54037 1	55502 0	55506 1	02321 0	00004 0	34711 1
33,2150	05130 0	C' 02153 1	05112 0	00006 1	27412 0	31412 1	00006 1	62163 1
33,2160	34701 0	05130 0	C' 02153 1	34675 1	05042 1	C' 02170 0	C' 66065 1	05213 1
33,2170	51421 1	02172 1	02417 1	31412 1	00006 1	62177 1	05112 0	34715 0
33,2200	55547 1	02321 0	00006 1	41503 1	21507 0	06006 1	I' 45345 1	C' 02511 0
33,2210	C' 02505 0	I' 45044 0	C' 66214 0	C' 66276 1	I' 56325 0	C' 02507 1	I' 57212 1	C' 27111 0
33,2220	I' 77634 0	C' 45541 0	C' 01051 1	I' 77776 1	11421 0	02302 1	02427 1	32447 1
33,2230	55412 0	51423 0	41427 0	55452 1	31675 1	00006 1	12244 0	44706 0
33,2240	27651 0	34706 1	27647 1	12250 0	44706 0	27651 0	34706 1	27653 1
33,2250	02417 1	34714 1	55404 1	55405 0	34672 0	55450 0	55451 1	30032 0
33,2260	55413 1	02453 1	31512 0	55051 0	34714 1	55050 1	02427 1	05447 0
33,2270	C' 00007 0	44714 0	05246 1	04555 0	C' 16063 0	05423 1	I' 43215 0	C' 15340 1
33,2300	C' 27117 0	I' 77616 0	00006 1	23425 0	34714 1	55155 0	55156 0	55157 1
33,2310	04555 0	C' 16602 1	04555 0	C' 17516 0	03103 0	01425 0	00006 1	23425 0
33,2320	02312 0	00006 1	23425 0	02331 1	00003 1	30067 0	00006 1	62335 0
33,2330	05057 0	00004 0	51422 1	40037 1	55655 1	00004 0	51422 1	30037 0
33,2340	61655 0	00006 1	12324 1	51422 1	30037 0	51547 0	55502 0	04526 1
33,2350	51547 0	55503 1	51547 0	23504 1	00003 1	01425 0	54001 1	12361 0
33,2360	55655 1	34714 1	50001 0	54000 0	24001 0	11655 1	12360 1	00002 0
33,2370	I' 47020 0	C' 00051 0	C' 45505 0	C' 02441 1	I' 51025 1	C' 02443 0	C' 66401 1	I' 77624 1

OCTAL LISTING FOR PARAGRAPH J 175, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #I# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

33,2400	C' 66276 1	I' 74261 1	C' 20212 1	C' 02405 1	I' 53321 1	C' 02672 0	C' 02650 0	C' 16650 0
33,2410	C' 02441 1	C' 02443 0	I' 47170 1	C' 02647 0	C' 45650 0	I' 77650 1	C' 00051 0	00006 1
33,2420	23426 0	06006 1	I' 77624 1	C' 66370 0	I' 77776 1	02316 1	01428 0	00006 1
33,2430	23425 0	31423 0	55052 0	32442 1	04555 0	C' 20624 0	02267 0	01425 0
33,2440	12431 1	C' 14400 0	C' 01542 0	C' 01602 1	C' 02757 0	C' 01713 0	C' 01671 0	C' 07623 1
33,2450	C' 26552 1	04555 0	C' 70127 1	05261 1	C' 00075 0	C' 00004 0	00004 0	30025 0
33,2460	55845 0	34714 1	54037 1	54040 1	54041 0	00003 1	33130 0	55855 1
33,2470	33131 1	02356 0	06006 1	I' 77735 0	C' 27112 0	C' 25477 1	C' 27123 1	C' 26455 1
33,2500	C' 27112 0	C' 01472 1	C' 01163 1	I' 77776 1	11643 0	02507 1	02523 1	06006 1
33,2510	I' 77624 1	C' 64000 0	I' 77776 1	31412 1	55646 0	05243 1	C' 00002 0	04555 0
33,2520	C' 17075 0	03376 0	55412 0	05301 0	C' 00135 0	11450 0	02417 1	03401 1
33,2530	02532 1	05112 0	00006 1	22154 1	00004 0	40025 1	61645 1	00006 1
33,2540	62542 0	64674 0	61644 0	03006 1	62550 0	05130 0	C' 02575 1	00154 1
33,2550	34710 0	02545 1	C' 00031 0	32552 1	54154 0	50154 1	31460 1	50154 1
33,2560	55577 1	10154 0	12554 0	00002 0	32552 1	54154 0	50154 1	31577 0
33,2570	50154 1	55460 0	10154 0	12565 1	00002 0	30025 0	55645 0	31540 1
33,2600	55631 0	05301 0	C' 00115 1	31631 1	55540 0	10000 0	30000 1	55541 1
33,2610	40000 0	55540 0	34714 1	56037 0	55162 1	34714 1	56040 0	55164 1
33,2620	34714 1	56041 1	55166 0	34374 0	04114 1	C' 00005 1	34675 1	05042 1
33,2630	C' 02633 0	C' 68065 1	05213 1	02553 0	05301 0	C' 00215 1	12840 0	02564 1
33,2640	11643 0	02843 1	02646 1	03401 1	04555 0	C' 15262 0	06006 1	I' 77745 1
33,2650	C' 27121 0	C' 24051 0	C' 01163 1	I' 76505 0	C' 02672 0	I' 57545 1	C' 00160 0	C' 16533 0
33,2660	C' 00162 1	C' 02537 1	I' 76001 1	C' 00001 0	C' 00010 0	I' 57535 0	C' 02644 0	I' 77640 0
33,2670	C' 67203 1	I' 50135 0	C' 02542 0	C' 66706 0	I' 72174 0	C' 00014 1	C' 02454 0	I' 62143 0
33,2700	C' 02243 0	C' 77775 1	C' 12555 1	I' 66104 1	C' 66677 1	C' 02454 0	I' 77770 1	C' 00010 0
33,2710	I' 41343 0	C' 02543 1	C' 27675 0	I' 43661 1	C' 21212 0	C' 02511 0	C' 06511 1	I' 40725 0
33,2720	C' 27677 1	C' 02531 1	I' 77732 1	I' 45425 0	C' 71206 0	C' 06573 0	I' 77100 0	C' 66710 1
33,2730	C' 00004 0	I' 56743 1	C' 75314 0	C' 75230 1	C' 12463 0	I' 77104 1	C' 66731 1	C' 00010 0
33,2740	I' 66140 1	C' 02455 1	C' 02455 1	I' 56743 1	C' 02460 1	C' 75206 1	I' 77613 0	C' 75266 1
33,2750	C' 12511 1	I' 42743 1	C' 75304 1	C' 75220 0	C' 12473 1	I' 42673 0	C' 75206 1	C' 75256 1
33,2760	C' 12521 1	I' 40743 0	C' 27702 1	C' 75206 1	I' 42772 0	C' 75246 0	C' 12531 0	I' 76104 0
33,2770	C' 66740 1	C' 00010 0	I' 64743 0	C' 02533 0	C' 02531 1	I' 55523 0	C' 02541 0	I' 76521 0



OCYAL LISTING FOR PARAGRAPH J 176, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

33,3000	C' 02001 1	I' 77745 1	C' 00155 0	C' 06541 1	I' 77745 1	C' 00160 0	C' 06531 0	I' 77745 1
33,3010	C' 00162 1	C' 06533 1	I' 77700 0	C' 66772 0	I' 76174 1	C' 00008 1	C' 00002 0	I' 57343 1
33,3020	C' 02513 1	C' 27705 0	I' 77722 0	I' 73406 1	I' 56072 1	C' 00046 0	C' 10021 0	I' 77745 1
33,3030	I' 77746 1	C' 10027 0	I' 77704 1	C' 67017 0	I' 77776 1	34753 1	54003 0	01400 1
33,3040	11412 0	02522 0	11450 0	13045 1	03047 1	30032 0	55414 0	06006 1
33,3050	I' 65345 0	C' 02503 0	C' 02507 1	I' 55525 0	C' 02511 0	I' 74276 1	C' 27705 0	I' 74521 1
33,3060	C' 02672 0	C' 02780 1	I' 77776 1	05301 0	C' 00005 1	32444 1	04555 0	C' 17125 1
33,3070	02316 1	11450 0	02262 0	06006 1	I' 77624 1	C' 64000 0	I' 77776 1	02122 1
33,3100	05537 0	C' 01600 0	03105 0	05537 0	C' 01601 1	05301 0	C' 00005 1	02267 0
33,3110	C' 02222 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00001 0
33,3120	C' 00004 0	C' 00002 0	C' 00220 1	C' 77776 1	C' 35730 0	C' 00035 1	C' 10317 0	C' 17550 1
33,3130	C' 00115 1	C' 01453 1	34712 1	55643 0	33424 0	55074 1	34703 1	55412 0
33,3140	34731 0	55644 1	34712 1	55632 0	55657 0	34714 1	55656 1	00006 1
33,3150	31634 1	53636 1	00006 1	31634 1	53640 0	34375 1	55655 1	32446 0
33,3160	02356 0	03163 0	02030 0	00006 1	23425 0	44675 0	55705 0	06006 1
33,3170	I' 41545 0	C' 02636 0	I' 77756 0	C' 02676 1	C' 16702 0	I' 77746 1	C' 02704 0	I' 77676 0
33,3200	C' 02674 0	I' 77776 1	01425 0	I' 44743 1	C' 02543 1	C' 02505 0	I' 42675 0	C' 27713 1
33,3210	C' 02505 0	C' 06505 1	I' 77613 0	C' 02507 1	C' 06507 0	I' 42675 0	C' 27715 1	C' 02505 0
33,3220	I' 41475 1	C' 15330 0	I' 67300 0	C' 67203 1	C' 02647 0	I' 71254 1	C' 67237 0	C' 02471 1
33,3230	I' 45425 0	C' 61306 0	I' 77621 1	C' 02473 0	C' 02473 0	I' 77650 1	C' 67261 0	I' 43345 1
33,3240	C' 02467 0	C' 02475 0	C' 16467 0	C' 02475 0	I' 44275 1	C' 27717 0	C' 02473 0	C' 16473 0
33,3250	C' 02501 1	I' 44275 1	C' 27717 0	C' 02471 1	I' 57325 1	C' 02503 0	C' 27721 0	I' 45421 1
33,3260	C' 75306 0	I' 77776 1	11412 0	02522 0	03401 1	11304 0	12523 0	06006 1
33,3270	I' 77775 1	C' 02650 0	C' 16461 0	C' 02443 0	C' 02457 0	I' 77776 1	05301 0	C' 00275 1
33,3300	06006 1	I' 64375 1	C' 02467 0	C' 02672 0	I' 53372 1	C' 02461 0	C' 16650 0	C' 02457 0
33,3310	C' 02443 0	I' 77776 1	02417 1	31646 1	55631 0	05301 0	C' 00155 0	06006 1
33,3320	I' 77775 1	C' 27112 0	C' 02467 0	I' 77776 1	11632 0	03374 1	05301 0	C' 00255 0
33,3330	06006 1	I' 77745 1	C' 02634 1	I' 53025 0	C' 02640 1	C' 67371 0	C' 00001 0	I' 43335 0
33,3340	C' 27120 1	C' 02633 0	C' 16633 0	C' 02634 1	C' 16636 0	C' 00001 0	C' 02654 1	I' 77776 1
33,3350	03163 0	05301 0	C' 00335 1	00006 1	31636 0	53640 0	34704 0	55412 0
33,3360	05301 0	C' 00075 0	33423 1	04555 0	C' 17125 1	04555 0	C' 17516 0	03103 0
33,3370	02453 1	I' 77776 1	34712 1	55632 0	11631 0	55646 0	34334 1	55412 0

OCTAL LISTING FOR PARAGRAPH J 177, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY
 ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AI (INTERPRETIVE OPERATOR WORDS) OR AC (CONSTANTS)

33,3400	02523 1	00004 0	44714 0	00008 1	08030 1	74708 0	10000 0	13416 0
33,3410	34708 1	70101 0	10000 0	13416 0	00003 1	00002 0	37657 1	05103 0
33,3420	00004 0	04574 0	C' 70002 1	C' 02847 0	C' 08200 0	05301 0	C' 00154 1	05243 1
33,3430	C' 00003 1	02037 1	04555 0	C' 18083 0	34712 1	22007 0	23427 1	55047 1
33,3440	00008 1	51427 1	31433 1	53048 0	33487 1	04555 0	C' 20577 0	33455 0
33,3450	04555 0	C' 20824 0	03810 0	03458 0	03444 0	C' 01451 0	53048 0	51427 1
33,3460	53433 0	11427 0	13466 1	34711 1	54001 1	13436 1	03530 1	C' 01238 1
33,3470	06008 1	I' 77170 1	C' 00002 0	C' 00014 1	I' 40331 1	C' 00052 0	C' 00008 1	C' 00001 0
33,3500	I' 80533 1	C' 02438 1	C' 00001 0	I' 77758 0	C' 10023 1	I' 77745 1	C' 00001 0	I' 41548 0
33,3510	I' 47133 0	C' 02435 1	C' 45510 1	C' 00003 1	I' 41358 0	C' 00001 0	I' 77752 1	C' 10027 0
33,3520	I' 71545 0	C' 00003 1	I' 72405 0	I' 78078 1	C' 00000 1	C' 10025 1	I' 43504 1	C' 87500 0
33,3530	34712 1	54735 1	34714 1	03825 0	06008 1	I' 77824 1	C' 87471 1	I' 84375 1
33,3540	C' 00007 0	C' 02872 0	I' 77772 0	C' 28738 1	C' 00015 0	I' 78521 0	C' 02872 0	C' 02744 1
33,3550	I' 77824 1	C' 87722 1	C' 02414 1	I' 77778 1	04555 0	C' 18083 0	34711 1	54735 1
33,3560	38211 0	03825 0	08008 1	I' 77824 1	C' 87722 1	C' 24015 0	C' 02414 1	C' 34007 1
33,3570	C' 47334 0	I' 77824 1	C' 47140 1	I' 77778 1	33821 1	04555 0	C' 20824 0	03810 0
33,3600	13802 1	13574 0	08008 1	I' 53375 0	C' 02780 1	C' 02850 0	C' 02850 0	I' 77778 1
33,3610	04555 0	C' 18083 0	05447 0	C' 00032 0	05243 1	C' 00002 0	05301 0	C' 00004 0
33,3620	05112 0	C' 01535 0	05537 0	C' 01802 1	03810 0	00008 1	23424 1	55431 1
33,3630	06008 1	I' 77824 1	C' 87471 1	I' 78740 0	C' 02431 0	C' 00007 0	C' 38768 0	C' 48053 0
33,3640	I' 77778 1	31773 0	55181 1	31775 0	55180 0	34714 1	55303 1	34712 1
33,3650	04555 0	C' 18002 1	04555 0	C' 17512 1	03822 1	30075 0	74707 1	10000 0
33,3660	03810 0	51330 0	30052 0	00008 1	13888 0	01424 1	34714 1	57330 0
33,3670	10000 0	50000 1	54000 0	13845 1	C' 30341 1	C' 22444 0	C' 57223 0	C' 88451 1
33,3700	C' 05427 0	C' 12577 1	C' 77587 0	C' 44202 1	C' 24278 1	C' 14088 1	C' 23073 1	C' 11773 1
33,3710	C' 00055 1	C' 20287 0	C' 03148 1	C' 14832 0	C' 00121 0	C' 35341 1	C' 01787 0	C' 31888 0
33,3720	C' 00004 0	C' 35223 1	I' 77820 0	C' 02424 1	I' 78740 0	C' 01330 0	C' 00003 1	C' 34787 0
33,3730	C' 48000 0	I' 77824 1	C' 47572 1	I' 77850 1	C' 02424 1	I' 77778 1	06008 1	I' 47145 1
33,3740	C' 02838 0	C' 45543 1	I' 77778 1	58154 1	55045 0	04555 0	C' 20607 1	33771 0
33,3750	04555 0	C' 20824 0	13754 0	13755 1	13747 1	08008 1	I' 47135 0	C' 01048 1
33,3760	C' 45510 1	C' 02834 1	I' 77778 1	34714 1	55832 0	05301 0	C' 00004 0	04574 0
33,3770	C' 21178 1	C' 01435 1	C' 03772 0	C' 03773 1	CKSM 71458 0	"	"	"



OCTAL LISTING FOR PARAGRAPH J 200, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A''A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED s1a (INTERPRETIVE OPERATOR WORDS) OR sCa (CONSTANTS)

34,2000	C' 03431 1	C' 02426 0	34744 1	54003 0	00008 1	32273 0	52757 0	44714 0
34,2010	22007 0	55265 0	52763 1	00006 1	32275 0	53337 0	00006 1	30025 0
34,2020	53266 0	34714 1	22007 0	52025 1	53337 0	52757 0	00004 0	00006 1
34,2030	31710 0	53271 0	31706 1	57267 0	00006 1	31337 1	21271 0	27267 1
34,2040	05301 0	C' 05023 0	C' 22000 1	00004 0	00006 1	31270 0	53707 1	31271 1
34,2050	57710 0	32000 0	54003 0	04633 0	C' 76625 1	05301 0	C' 05023 0	C' 22000 1
34,2060	34731 0	05140 1	C' 02314 0	C' 70066 0	05243 1	C' 00013 0	04555 0	C' 20607 1
34,2070	05261 1	C' 40514 0	C' 00073 0	32001 1	54003 0	32276 0	55426 1	22007 0
34,2100	30032 0	53760 0	22007 0	30033 1	53762 1	22007 0	30034 0	53764 1
34,2110	06006 1	I' 74575 0	C' 02760 1	C' 02760 1	I' 64375 1	C' 02467 0	C' 02672 0	I' 53372 1
34,2120	C' 02650 0	C' 16650 0	C' 01337 1	I' 52131 0	C' 00052 0	C' 66424 0	C' 66373 0	06006 1
34,2130	I' 77731 1	C' 03747 0	C' 00000 1	I' 65345 0	C' 01273 0	C' 01264 0	I' 55525 0	C' 02403 1
34,2140	C' 15104 0	C' 15332 1	I' 45014 0	C' 00662 0	C' 26373 1	C' 35232 1	C' 77256 0	I' 77656 1
34,2150	C' 25752 0	C' 01232 0	I' 74235 0	C' 01714 1	C' 30300 1	I' 77712 0	C' 25240 0	C' 01752 0
34,2160	I' 53435 0	C' 01714 1	I' 47206 0	C' 01752 0	I' 65256 0	C' 02634 1	I' 74346 0	I' 77626 0
34,2170	C' 62041 0	C' 02634 1	I' 74356 1	I' 53455 0	C' 01736 1	C' 01736 1	I' 53435 0	C' 01752 0
34,2200	I' 77676 0	C' 01744 1	I' 45345 1	C' 15330 0	C' 02634 1	I' 65215 1	C' 02401 0	C' 03301 0
34,2210	I' 45565 0	C' 74476 1	I' 77414 0	C' 01462 0	05301 0	C' 04023 1	00006 1	32302 1
34,2220	53223 1	37665 0	55074 1	34752 0	54003 0	00004 0	44714 0	55063 1
34,2230	40025 1	64735 1	10000 0	12236 0	12236 0	34714 1	64712 1	05140 1
34,2240	C' 02647 0	C' 76066 0	05261 1	C' 00003 1	C' 00025 0	04574 0	C' 77141 0	00004 0
34,2250	10763 1	05112 0	11265 0	12257 1	12257 1	12257 1	12013 0	41336 1
34,2260	00006 1	62267 0	10024 0	12021 1	00006 1	31266 1	12024 1	00006 1
34,2270	32275 0	12025 0	C' 77766 0	C' 00011 1	C' 77764 1	C' 00013 0	C' 02451 0	C' 71704 1
34,2300	C' 41735 0	C' 02303 0	C' 70066 0	06006 1	I' 77624 1	C' 70436 1	I' 77776 1	32511 0
34,2310	04555 0	C' 20621 0	04555 0	C' 77132 1	34701 0	05042 1	C' 02326 1	C' 70066 0
34,2320	41501 0	74710 1	27501 0	04633 0	C' 42404 1	05213 1	30024 1	00006 1
34,2330	62332 1	12424 0	30102 1	74105 0	00006 1	12337 0	02420 0	41702 1
34,2340	60025 0	00006 1	62504 1	54154 0	55707 1	61703 1	00006 1	62351 1
34,2350	12416 1	31661 1	54001 1	32510 1	07164 0	34714 1	54163 1	06006 1
34,2360	I' 54201 0	C' 00001 0	C' 20206 1	I' 77606 1	I' 77650 1	C' 76103 1	C' 14021 1	C' 00747 0
34,2370	I' 41405 0	C' 00001 0	I' 72405 0	C' 00751 1	I' 41325 0	C' 00743 1	C' 00003 1	I' 72415 1



OCAL LISTING FOR PARAGRAPH J 201, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED 'A' (INTERPRETIVE OPERATOR WORDS) OR 'C' (CONSTANTS)

34,2400	I' 77626 0	C' 63755 0	I' 72405 0	C' 00743 1	I' 41325 0	C' 00751 1	C' 00003 1	I' 72425 1
34,2410	I' 77628 0	C' 77754 1	I' 77751 1	C' 00021 1	C' 03077 1	I' 77776 1	04555 0	C' 42404 1
34,2420	34113 0	04555 0	C' 01732 0	02326 1	44705 0	00006 1	03012 1	05301 0
34,2430	C' 00004 0	34714 1	55476 1	55477 0	55500 1	05112 0	I' 51575 1	C' 01177 1
34,2440	C' 27723 1	C' 01171 1	I' 45246 0	C' 05311 1	C' 27735 0	C' 01171 1	I' 50256 0	C' 01177 1
34,2450	I' 77752 1	C' 03737 1	I' 77616 0	31716 0	00006 1	20154 0	50120 1	54000 0
34,2460	31717 1	00006 1	20155 1	50120 1	54002 1	31720 0	00006 1	20156 1
34,2470	50120 1	54004 1	18030 0	30154 1	00006 1	71701 1	00006 1	66030 1
34,2500	00006 1	33561 0	52155 1	06030 1	06006 1	I' 52001 1	C' 00001 0	C' 76161 0
34,2510	C' 01673 1	C' 01476 0	37663 0	55056 1	05103 0	37714 1	55734 1	06006 1
34,2520	I' 77634 0	C' 45505 0	C' 01152 0	I' 77824 1	C' 56741 0	I' 77624 1	C' 56404 1	I' 77776 1
34,2530	31734 0	00006 1	12535 1	00006 1	62554 1	38211 0	05475 1	C' 01734 0
34,2540	C' 01224 1	37714 1	55734 1	00003 1	06006 1	I' 45014 0	C' 04687 1	C' 56741 0
34,2550	I' 52131 0	C' 01243 0	C' 01224 1	C' 70577 0	06006 1	I' 77624 1	C' 56741 0	I' 77624 1
34,2560	C' 56404 1	I' 77614 1	C' 04746 0	C' 70527 0	I' 77634 0	C' 45505 0	I' 45225 0	C' 14647 1
34,2570	C' 01152 0	I' 45040 1	C' 70527 0	C' 56415 1	I' 77745 1	C' 01225 0	C' 01152 0	I' 77624 1
34,2600	C' 56343 0	I' 45014 0	C' 00707 1	C' 71034 0	C' 27113 1	I' 77624 1	C' 56741 0	I' 77624 1
34,2610	C' 56343 0	I' 77614 1	C' 01674 0	I' 43014 0	C' 02756 1	C' 70617 0	C' 01476 0	I' 77624 1
34,2620	C' 27113 1	I' 77624 1	C' 56526 0	I' 77624 1	C' 71123 1	I' 45014 0	C' 02464 0	C' 71132 1
34,2630	I' 43014 0	C' 01671 0	C' 02716 0	C' 70643 1	I' 77745 1	C' 02001 1	C' 34001 1	C' 56544 1
34,2640	I' 77745 1	C' 15332 1	C' 01126 0	I' 77614 1	C' 02476 0	I' 52375 1	C' 01215 0	C' 01207 0
34,2650	C' 03531 0	I' 43056 0	C' 04707 0	C' 71045 0	C' 01273 0	I' 45014 0	C' 02744 1	C' 70671 0
34,2660	C' 47110 1	C' 25235 1	C' 01273 0	I' 40035 0	C' 01235 1	C' 70666 0	I' 40056 0	C' 70555 0
34,2670	C' 01245 0	I' 77624 1	C' 47047 1	I' 77214 0	C' 00707 1	C' 70701 0	C' 03502 0	I' 77676 0
34,2700	C' 03502 0	I' 77624 1	C' 56741 0	I' 77614 1	C' 00706 0	C' 71076 0	I' 43345 1	C' 31220 0
34,2710	C' 31222 1	C' 27526 0	C' 03531 0	I' 60246 1	C' 00047 1	I' 41316 0	C' 03526 0	I' 45070 1
34,2720	C' 00046 0	C' 56526 0	I' 56070 0	C' 00047 1	C' 00047 1	I' 72257 1	C' 20577 0	C' 00155 0
34,2730	C' 03526 0	I' 54335 0	C' 02400 1	C' 20632 1	I' 47171 0	C' 03526 0	C' 45562 1	C' 03526 0
34,2740	I' 76214 1	C' 04747 1	C' 70751 0	C' 03005 1	I' 72244 0	C' 70751 0	C' 03005 1	I' 77646 0
34,2750	C' 03526 0	I' 45014 0	C' 02666 0	C' 75250 1	I' 77624 1	C' 56741 0	I' 45014 0	C' 02744 1
34,2760	C' 71006 1	C' 56526 0	I' 51575 1	C' 01265 1	I' 77657 0	C' 57176 0	C' 27504 0	C' 01257 0
34,2770	I' 53646 0	C' 57176 0	C' 03502 0	I' 77735 0	C' 02003 0	I' 45261 0	C' 20613 1	C' 03502 0



OCAL LISTING FOR PARAGRAPH J 202, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A/A (INTERPRETIVE OPERATOR WORDS) OR A/C (CONSTANTS)

34,3000	I' 67240 0	C' 71141 0	C' 02004 1	I' 50025 0	C' 03504 0	C' 71141 0	I' 77624 1	C' 75482 0
34,3010	I' 43014 0	C' 04707 0	C' 71103 0	C' 02744 1	C' 71111 0	I' 77624 1	C' 56528 0	I' 45014 0
34,3020	C' 00707 1	C' 71117 0	C' 71132 1	I' 77624 1	C' 58741 0	I' 52375 1	C' 01215 0	C' 01207 0
34,3030	C' 03531 0	I' 77614 1	C' 02624 0	C' 70651 1	I' 45014 0	C' 01674 0	C' 27113 1	I' 77624 1
34,3040	C' 58741 0	I' 77624 1	C' 58343 0	I' 77650 1	C' 70613 1	C' 27502 0	C' 15332 1	C' 03510 0
34,3050	C' 27516 0	C' 03531 0	I' 71256 0	C' 01257 0	I' 60414 0	C' 04303 0	C' 71057 0	I' 43025 1
34,3060	C' 00045 0	C' 02464 0	C' 03524 1	I' 77214 0	C' 00747 0	C' 71071 1	C' 03502 0	I' 77676 0
34,3070	C' 03502 0	I' 77624 1	C' 58741 0	I' 52145 0	C' 03003 1	C' 70711 1	I' 43335 0	C' 01357 1
34,3100	C' 31222 1	I' 77650 1	C' 70711 1	I' 62150 1	C' 01125 0	C' 00001 0	I' 52130 1	C' 01125 0
34,3110	C' 70523 1	I' 62150 1	C' 01126 0	C' 00001 0	I' 52130 1	C' 01126 0	C' 70555 0	I' 77624 1
34,3120	C' 71123 1	I' 77650 1	C' 71023 0	I' 53775 1	C' 01573 1	C' 57187 0	I' 77655 1	C' 01607 1
34,3130	C' 01207 0	I' 77616 0	I' 53775 1	C' 01645 1	C' 57187 0	I' 77655 1	C' 01661 1	C' 01215 0
34,3140	I' 77616 0	I' 77776 1	30105 0	74703 0	00008 1	13150 1	34711 1	03151 1
34,3150	34712 1	55505 1	34714 1	55300 1	05301 0	C' 04022 0	37864 1	05027 1
34,3160	C' 03172 0	C' 70067 1	06008 1	C' 00155 0	I' 53135 0	C' 01301 1	C' 71163 0	I' 52040 1
34,3170	C' 71006 1	C' 71201 1	33223 1	04555 0	C' 20635 0	04550 0	44712 0	55300 1
34,3200	05112 0	I' 77614 1	C' 04707 0	C' 70523 1	I' 77776 1	00004 0	33224 0	54006 0
34,3210	37716 0	55725 1	55734 1	00003 1	06006 1	I' 77650 1	C' 70555 0	C' 00052 0
34,3220	C' 36307 0	C' 00052 0	C' 36307 0	C' 01481 0	C' 70087 1	I' 40220 0	C' 03704 1	C' 00001 0
34,3230	I' 77634 0	C' 45505 0	C' 36316 0	C' 71461 1	I' 77751 1	C' 01156 1	C' 03373 0	I' 77776 1
34,3240	03265 0	34371 0	00006 1	06031 0	77707 1	00006 1	13250 1	03254 1
34,3250	40075 1	74675 0	10000 0	03320 0	34714 1	54154 0	06006 1	I' 77650 1
34,3260	C' 03704 1	40101 0	74707 1	00006 1	13452 0	04555 0	C' 57750 1	34711 1
34,3270	55611 1	51611 0	30032 0	00006 1	51611 0	21155 0	54154 0	06006 1
34,3300	I' 45246 0	C' 31550 0	I' 77444 0	C' 71307 0	11611 1	03270 1	03241 0	I' 77776 1
34,3310	40075 1	74675 0	10000 0	03452 1	34710 0	00006 1	05011 1	03254 1
34,3320	06006 1	I' 77601 0	C' 00001 0	I' 52375 1	C' 03204 1	C' 03715 1	I' 57456 1	I' 74235 0
34,3330	C' 03707 1	C' 31551 1	I' 77606 1	I' 60345 0	C' 02316 1	C' 00047 1	I' 77606 1	I' 60345 0
34,3340	C' 00045 0	C' 00051 0	I' 70460 1	C' 00050 1	I' 74271 0	I' 77730 0	C' 03705 0	I' 76521 0
34,3350	C' 01736 1	C' 00025 0	I' 77761 1	C' 31553 0	C' 03212 0	I' 77624 1	C' 47432 1	I' 45001 1
34,3360	C' 00001 0	C' 47675 0	I' 77750 0	C' 03705 0	I' 53775 1	C' 03204 1	C' 20160 1	C' 00017 1
34,3370	I' 77624 1	C' 47432 1	I' 45175 0	C' 00025 0	C' 47577 1	I' 77721 0	C' 31557 1	I' 77761 1

OCTAL LISTING FOR PARAGRAPH J 203, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1a (INTERPRETIVE OPERATOR WORDS) OR aCa (CONSTANTS)

34,3400	C' 15270 0	I' 53750 0	C' 03705 0	C' 20163 1	I' 77776 1	00004 0	34714 1	55647 1
34,3410	55651 0	55653 1	31772 1	55646 0	31773 0	55650 1	31774 1	55652 0
34,3420	00006 1	30155 0	53526 0	00006 1	30160 0	53530 1	00006 1	30162 1
34,3430	53532 0	00006 1	50120 1	30017 1	53576 0	00006 1	50120 1	30021 1
34,3440	53600 1	00006 1	50120 1	30023 0	53602 0	44712 0	55332 0	00003 1
34,3450	34714 1	03254 1	06006 1	I' 77751 1	C' 03373 0	C' 01156 1	I' 52135 1	C' 31801 1
34,3460	C' 03704 1	I' 71220 1	C' 03705 0	C' 02316 1	C' 34041 0	C' 27045 0	I' 77775 1	C' 00001 0
34,3470	C' 27707 1	C' 00007 0	C' 03715 1	I' 77745 1	C' 02316 1	C' 34041 0	C' 27057 0	I' 77775 1
34,3500	C' 00007 0	C' 27204 1	C' 00001 0	I' 53451 1	C' 03707 1	C' 03707 1	I' 76521 0	C' 01736 1
34,3510	C' 17357 0	C' 00045 0	C' 02316 1	I' 77775 1	C' 15330 0	C' 37351 1	C' 56126 1	C' 01334 1
34,3520	I' 77775 1	C' 31542 0	C' 37351 1	C' 56126 1	C' 03723 1	I' 77614 1	C' 02745 0	C' 71533 1
34,3530	C' 01156 1	I' 77650 1	C' 03705 0	I' 77775 1	C' 15330 0	C' 03351 0	I' 52151 0	C' 01334 1
34,3540	C' 71530 1	C' 15066 0	C' 17626 0	C' 00000 1	C' 00000 1	C' 11132 1	C' 27477 0	C' 01616 1
34,3550	C' 37651 1	C' 16721 1	C' 31463 1	C' 06315 0	C' 20000 0	C' 00000 1	C' 20000 0	C' 00000 1
34,3560	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 17676 0	C' 20113 0
34,3570	C' 75766 1	C' 45544 0	C' 00000 1	C' 00000 1	C' 02011 0	C' 32233 1	C' 17676 0	C' 20113 0
34,3600	C' 00001 0	04555 0	C' 17573 0	36214 0	55131 1	34712 1	55132 1	33650 1
34,3610	04555 0	C' 20624 0	05423 1	03615 0	03607 0	41132 1	64712 1	00006 1
34,3620	13645 1	05447 0	C' 00120 1	06006 1	I' 43234 0	C' 45505 0	C' 07137 0	C' 36316 0
34,3630	C' 71461 1	I' 77776 1	33651 0	04555 0	C' 20624 0	05423 1	03640 0	03623 0
34,3640	05447 0	C' 00124 0	04555 0	C' 56000 1	15423 0	05435 0	C' 00120 1	03623 0
34,3650	C' 01006 0	C' 01422 1	C' 20000 0	C' 00000 1	C' 10000 0	C' 00000 1	C' 04000 0	C' 00000 1
34,3660	C' 02000 0	C' 00000 1	C' 00020 0	C' 00000 1	C' 00004 0	C' 00000 1	C' 00002 0	C' 00000 1
34,3670	C' 00000 1	C' 04000 0	C' 00000 1	C' 00010 0	C' 00000 1	C' 00001 0	C' 00000 1	C' 00000 1
34,3700	C' 77777 0	C' 77557 0	C' 77777 0	C' 77760 0	C' 00000 1	C' 00012 1	C' 54631 1	C' 63145 1
34,3710	C' 21463 0	C' 06315 0	C' 77777 0	C' 77771 0	C' 37777 1	C' 37777 1	C' 77777 0	C' 77766 0
34,3720	C' 77777 0	C' 77767 1	C' 00000 1	C' 35610 0	C' 36703 0	C' 03743 1	C' 33041 1	C' 37714 1
34,3730	C' 00003 1	C' 13241 1	C' 20000 0	C' 00000 1	C' 00605 1	C' 00612 1	C' 00613 0	C' 40214 1
34,3740	C' 45266 1	C' 73645 1	C' 56536 1	C' 70467 0	C' 71205 0	C' 16525 1	C' 12525 0	C' 22525 0
34,3750	C' 12525 0	C' 17775 1	C' 06676 0	C' 00000 1	C' 00062 0	C' 00020 0	C' 14223 1	C' 00000 1
34,3760	C' 05174 0	C' 00002 0	C' 21727 0	C' 00000 1	C' 01654 1	C' 00000 1	C' 00764 1	C' 00040 0
34,3770	C' 30447 0	C' 00000 1	C' 00010 0	C' 00000 1	C' 00322 1	C' 03775 1	C' 03776 1	CKSM 77620 0

OCTAL LISTING FOR PARAGRAPH J 204, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

35,2000	03728 1	02003 0	03741 0	03746 1	33125 1	03114 0	03073 0	06006 1
35,2010	I' 71214 0	C' 01270 0	C' 03863 1	C' 17413 1	C' 03744 0	I' 43054 1	C' 72020 0	C' 01070 1
35,2020	I' 77624 1	C' 10716 0	I' 43145 0	C' 15332 1	C' 03461 1	I' 43014 0	C' 01310 1	C' 72031 0
35,2030	C' 03661 0	C' 02364 1	I' 43345 1	C' 03863 1	C' 02364 1	C' 34041 0	C' 45354 1	I' 77624 1
35,2040	C' 72212 0	I' 77454 1	C' 72053 1	05537 0	C' 00611 1	34743 0	04555 0	C' 20624 0
35,2050	04108 1	02003 0	02043 1	I' 43014 0	C' 03601 0	C' 72032 0	C' 01310 1	C' 72063 1
35,2060	I' 77776 1	03073 0	02066 0	I' 77776 1	33125 1	03114 0	06006 1	I' 71201 1
35,2070	C' 00001 0	C' 03746 1	C' 14047 1	C' 03754 1	I' 71406 0	C' 16734 0	I' 77756 0	C' 26732 0
35,2100	C' 03554 0	I' 77657 0	C' 57176 0	C' 26657 1	C' 03562 0	I' 43057 1	C' 57176 0	C' 03466 0
35,2110	C' 36746 1	C' 24737 1	I' 77745 0	C' 03663 1	C' 03503 1	I' 77615 0	C' 00037 0	C' 37656 0
35,2120	C' 72534 0	I' 51575 1	C' 03646 0	C' 26635 0	C' 03640 0	I' 51451 0	C' 03620 0	C' 26637 1
35,2130	C' 03540 0	I' 45115 0	C' 03612 1	C' 45312 0	I' 77624 1	C' 45422 1	C' 16841 0	C' 03863 1
35,2140	C' 03413 1	I' 77776 1	33127 0	03114 0	06006 1	I' 77624 1	C' 72742 0	I' 77624 1
35,2150	C' 73005 0	I' 77650 1	C' 72022 1	03726 1	00006 1	31422 1	02162 0	03741 0
35,2160	00006 1	31424 1	53764 1	03746 1	06006 1	I' 77624 1	C' 10716 0	I' 77634 0
35,2170	C' 45505 0	C' 03865 1	I' 77615 0	C' 02364 1	C' 03413 1	C' 03503 1	C' 34041 0	C' 45354 1
35,2200	I' 77624 1	C' 72522 1	I' 77624 1	C' 72534 0	I' 77624 1	C' 72742 0	I' 77624 1	C' 73005 0
35,2210	I' 77650 1	C' 72167 1	I' 66220 1	C' 01340 1	C' 03665 1	C' 40000 0	I' 40345 1	C' 33136 0
35,2220	C' 00001 0	C' 27454 1	C' 03540 0	C' 27576 0	C' 03546 0	C' 27570 0	C' 03554 0	C' 27620 0
35,2230	C' 03562 0	C' 03612 1	I' 77624 1	C' 72522 1	I' 63235 0	C' 03540 0	I' 53515 0	C' 03540 0
35,2240	I' 46315 1	I' 51352 1	C' 02625 1	I' 63256 0	I' 63241 0	C' 00001 0	I' 75241 1	C' 02625 1
35,2250	I' 65552 0	I' 50315 0	C' 02625 1	C' 03540 0	I' 71244 0	C' 72260 0	C' 15340 1	I' 41425 1
35,2260	I' 71214 0	C' 03741 0	C' 72507 0	C' 03452 1	C' 14033 1	I' 77625 0	C' 03744 0	C' 03452 1
35,2270	I' 45246 0	C' 33142 0	I' 77640 0	C' 72517 1	I' 70535 0	C' 03665 1	I' 72030 1	C' 01340 1
35,2300	C' 00154 1	I' 77330 1	C' 03664 0	C' 03554 0	I' 65256 0	C' 00045 0	I' 53515 0	C' 03540 0
35,2310	I' 77725 1	I' 41525 0	C' 00045 0	I' 77621 1	C' 00015 0	C' 14037 0	C' 15330 0	I' 41425 1
35,2320	C' 03744 0	I' 50185 0	C' 00037 0	C' 01340 1	I' 71545 0	I' 56205 0	C' 00017 1	C' 00015 0
35,2330	I' 77676 0	C' 00035 1	I' 44246 1	C' 15330 0	I' 77240 1	C' 01340 1	C' 02617 0	I' 53435 0
35,2340	C' 00007 0	I' 41241 0	C' 03546 0	C' 00015 0	I' 47315 0	C' 00001 0	C' 03562 0	I' 53435 0
35,2350	C' 00001 0	I' 41241 0	C' 03562 0	C' 00017 1	I' 77621 1	I' 83301 0	C' 00047 1	C' 00007 0
35,2360	I' 50235 0	C' 00001 0	C' 02817 0	I' 50315 0	C' 00001 0	C' 00007 0	I' 65552 0	I' 77765 0
35,2370	I' 43225 0	C' 15330 0	C' 03744 0	I' 65525 0	C' 00035 1	I' 75221 1	C' 15330 0	C' 00037 0



OCAL LISTING FOR PARAGRAPH J 205, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

35,2400	I' 77615 0	I' 56205 0	C' 33134 1	I' 77605 1	I' 41257 1	C' 20176 0	I' 51406 1	I' 50025 0
35,2410	C' 03454 1	C' 72415 1	I' 75345 1	C' 03454 1	I' 77606 1	I' 51135 1	C' 03665 1	C' 72425 1
35,2420	I' 71331 0	C' 03665 1	C' 37777 1	I' 77650 1	C' 72483 0	I' 41345 0	C' 03452 1	C' 00033 1
35,2430	I' 71244 0	C' 72441 0	C' 03454 1	I' 77605 1	C' 33140 1	C' 17454 1	I' 70446 0	I' 52076 1
35,2440	C' 72451 1	I' 51545 1	C' 03452 1	I' 51525 1	C' 00033 1	I' 77625 0	I' 71240 1	C' 72454 1
35,2450	I' 77846 0	I' 52165 1	C' 03450 0	C' 72483 0	I' 57545 1	C' 03450 0	I' 70406 1	C' 03450 0
35,2460	I' 77615 0	I' 77650 1	C' 72464 1	C' 03450 0	I' 77615 0	C' 02364 1	C' 02364 1	I' 63375 0
35,2470	C' 03570 0	C' 03576 0	I' 77624 1	C' 72702 1	I' 77624 1	C' 45376 1	I' 63375 0	C' 03612 1
35,2500	C' 03620 0	I' 77624 1	C' 72702 1	I' 77624 1	C' 45406 1	I' 77650 1	C' 72232 1	I' 43345 1
35,2510	C' 03663 0	C' 02364 1	C' 17663 1	I' 77614 1	C' 01310 1	C' 72517 1	C' 03744 0	I' 52145 0
35,2520	C' 15332 1	C' 01340 1	I' 52375 1	C' 03554 0	C' 03540 0	I' 41456 0	C' 26625 1	C' 03540 0
35,2530	I' 53435 0	C' 03546 0	C' 02617 0	I' 77616 0	I' 77220 1	C' 02370 1	C' 03562 0	I' 65315 0
35,2540	C' 03554 0	C' 03503 1	I' 65325 0	C' 03656 1	C' 15332 1	I' 45006 0	C' 72706 0	C' 27415 1
35,2550	C' 00007 0	C' 27640 0	C' 03415 1	I' 63256 0	C' 03540 0	I' 41456 0	I' 50235 0	C' 00001 0
35,2560	C' 02617 0	I' 77715 1	I' 72441 0	C' 00001 0	I' 75326 1	I' 43244 1	C' 72570 0	C' 15340 1
35,2570	C' 16633 0	C' 03656 1	I' 77625 0	C' 03503 1	C' 03423 1	I' 40335 0	C' 33144 0	C' 00001 0
35,2600	I' 63325 0	C' 33147 0	C' 03540 0	C' 27570 0	C' 03546 0	C' 37576 1	C' 22000 1	I' 77624 1
35,2610	C' 72667 0	I' 64375 1	C' 03646 0	C' 00001 0	I' 77772 0	C' 37405 1	C' 02370 1	I' 45020 1
35,2620	C' 01340 1	C' 72667 0	I' 61375 1	C' 03405 0	C' 00001 0	I' 77772 0	C' 03646 0	I' 63255 0
35,2630	C' 03546 0	C' 03540 0	I' 65325 0	C' 03413 1	C' 03656 1	I' 41525 0	C' 15340 1	I' 77624 1
35,2640	C' 72706 0	I' 77775 1	C' 00001 0	C' 03415 1	I' 41575 0	C' 02625 1	I' 57435 1	C' 02617 0
35,2650	I' 41456 0	I' 76435 1	C' 02625 1	I' 77715 1	I' 64315 1	C' 03646 0	C' 00001 0	I' 77772 0
35,2660	C' 36611 1	C' 01340 1	I' 40220 0	C' 01340 1	C' 00001 0	I' 77650 1	C' 72644 1	I' 57575 1
35,2670	C' 02617 0	C' 24007 0	C' 03540 0	I' 57456 1	C' 00015 0	I' 76435 1	C' 02617 0	C' 00001 0
35,2700	I' 43401 0	C' 00023 0	I' 65325 0	C' 15332 1	C' 02364 1	I' 41406 0	I' 45020 1	C' 02367 1
35,2710	C' 27371 1	I' 71214 0	C' 01673 1	I' 43054 1	C' 72716 1	C' 01473 0	I' 45545 1	C' 63736 0
35,2720	I' 73014 0	C' 00063 1	C' 03746 1	I' 43014 0	C' 04303 0	C' 72727 0	C' 00263 0	C' 25517 0
35,2730	I' 77657 0	C' 57176 0	C' 25535 0	I' 77657 0	C' 57176 0	C' 35543 0	C' 27066 1	I' 52175 0
35,2740	C' 00001 0	C' 02367 1	I' 43020 1	C' 02370 1	C' 01311 0	C' 72751 1	I' 52014 0	C' 00470 1
35,2750	C' 72775 1	I' 77414 0	C' 03274 0	33131 1	04555 0	C' 20624 0	04106 1	02764 0
35,2760	06006 1	I' 77414 0	C' 03074 1	02753 1	06006 1	I' 45014 0	C' 03354 0	C' 72771 0
35,2770	C' 72617 1	I' 77214 0	C' 01267 0	C' 03646 0	C' 03646 0	I' 77624 1	C' 72662 0	I' 77776 1

OCTAL LISTING FOR PARAGRAPH J 206, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

35,3000	33130 0	03114 0	06008 1	I' 77650 1	C' 02370 1	I' 71220 1	C' 02370 1	C' 33145 1
35,3010	C' 03828 0	I' 71214 0	C' 01351 1	C' 73033 0	C' 33145 1	I' 77615 0	C' 33145 1	C' 03828 0
35,3020	I' 77414 0	C' 01742 1	C' 73033 0	03108 0	03028 0	03034 0	06008 1	I' 41575 0
35,3030	C' 03848 0	I' 77624 1	C' 10680 0	I' 77776 1	03584 0	31770 0	55768 0	34734 0
35,3040	04555 0	C' 01732 0	33132 1	04555 0	C' 20624 0	03050 1	03053 1	03063 1
35,3050	30005 1	54000 0	04108 1	40076 1	74705 0	00008 1	13050 0	05301 0
35,3060	C' 04024 0	05435 0	C' 00047 1	30005 1	54000 0	05301 0	C' 04024 0	06008 1
35,3070	I' 52014 0	C' 00670 0	C' 02386 0	00008 1	23340 1	33126 1	04555 0	C' 20763 1
35,3100	14108 0	01340 1	13075 1	34712 1	05415 1	15112 1	37713 0	71011 1
35,3110	00006 1	13113 0	24002 0	00002 0	00008 1	23767 0	55765 0	31765 1
35,3120	04555 0	C' 20624 0	14108 0	01767 0	13117 1	C' 01445 0	C' 01487 0	C' 01472 1
35,3130	C' 01473 0	C' 01521 0	C' 04055 0	C' 14441 0	C' 37325 1	C' 00001 0	C' 20850 0	C' 12525 0
35,3140	C' 12525 0	C' 00004 0	C' 21505 1	C' 00002 0	C' 77777 0	C' 61337 1	C' 01252 0	C' 25253 1
35,3150	34752 0	05042 1	C' 03204 1	C' 72084 0	34734 0	04555 0	C' 01732 0	31044 0
35,3160	74677 1	00008 1	13154 0	30105 0	74707 1	00008 1	13171 1	33310 0
35,3170	03172 0	33311 1	04555 0	C' 20465 1	05514 1	05514 1	13183 1	06006 1
35,3200	I' 77624 1	C' 73428 0	I' 77650 1	C' 73207 0	06008 1	I' 77624 1	C' 73312 0	I' 52375 1
35,3210	C' 00001 0	C' 02327 0	I' 51406 1	C' 02321 0	I' 77301 0	C' 00047 1	I' 77762 1	I' 53457 1
35,3220	C' 20201 0	I' 52315 1	C' 00007 0	C' 02335 0	I' 77641 1	I' 77752 1	C' 36323 0	C' 47432 1
35,3230	I' 77624 1	C' 62000 0	I' 53575 0	C' 02327 0	I' 77715 1	C' 15330 0	I' 77214 0	C' 04713 0
35,3240	C' 73242 1	C' 00015 0	I' 77624 1	C' 47601 0	I' 41505 1	C' 01738 1	I' 72431 1	C' 00001 0
35,3250	I' 53445 1	C' 00007 0	I' 47315 0	C' 02327 0	C' 02335 0	I' 47256 0	C' 02327 0	I' 63241 0
35,3280	C' 00015 0	I' 50372 1	C' 00007 0	I' 72565 1	C' 00015 0	I' 77728 1	C' 26325 1	C' 02327 0
35,3270	I' 51041 0	C' 00007 0	C' 73277 1	I' 44345 0	C' 02325 1	C' 15340 1	C' 02325 1	I' 77776 1
35,3300	34708 1	71044 1	00006 1	15423 0	41044 1	74677 1	27044 1	13177 1
35,3310	C' 04086 0	C' 04085 0	I' 47020 0	C' 00112 0	C' 45505 0	C' 34041 0	C' 27036 1	I' 77775 1
35,3320	C' 00017 1	C' 26225 0	C' 00025 0	C' 16241 1	C' 00015 0	C' 02272 1	C' 34041 0	C' 27022 1
35,3330	I' 77775 1	C' 00017 1	C' 26255 1	C' 00025 0	C' 02263 1	I' 47014 1	C' 03711 0	C' 73413 0
35,3340	C' 45505 0	C' 34041 0	C' 27371 1	I' 43175 0	C' 02255 1	C' 00263 0	C' 25535 0	C' 02263 1
35,3350	C' 15543 1	C' 02272 1	I' 43014 0	C' 04343 1	C' 73356 0	C' 00063 1	I' 77614 1	C' 01473 0
35,3360	C' 35517 1	C' 27066 1	I' 77775 1	C' 00001 0	C' 26327 0	C' 00007 0	C' 36335 1	C' 27371 1
35,3370	I' 71214 0	C' 01473 0	C' 00015 0	C' 00041 1	I' 43175 0	C' 02225 0	C' 00263 0	C' 25535 0

OCTAL LISTING FOR PARAGRAPH J 207, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #IA (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

35,3400	C' 02241 1	C' 15543 1	C' 02272 1	I' 43014 0	C' 04343 1	C' 73407 0	C' 00063 1	C' 35517 1
35,3410	C' 27066 1	I' 77650 1	C' 00112 0	I' 77775 1	C' 01171 1	C' 26327 0	C' 01177 1	C' 16335 0
35,3420	C' 01205 1	I' 77624 1	C' 27371 1	I' 52014 0	C' 01673 1	C' 73373 1	I' 52020 1	C' 00112 0
35,3430	C' 73335 0	03726 1	03434 1	03741 0	03746 1	33125 1	03114 0	08006 1
35,3440	I' 45014 0	C' 00670 0	C' 74026 0	I' 76014 0	C' 00470 1	C' 00002 0	I' 76014 0	C' 00356 1
35,3450	C' 73452 0	C' 00001 0	I' 77530 1	C' 01132 0	33543 0	03517 1	06006 1	I' 43014 0
35,3460	C' 00670 0	C' 00076 0	I' 45335 0	C' 01133 1	C' 36100 0	I' 43030 0	C' 73470 0	C' 00276 1
35,3470	I' 46135 1	C' 03747 0	C' 73476 0	I' 52145 0	C' 34003 0	C' 73500 0	I' 77745 1	C' 34001 1
35,3500	C' 36321 1	C' 74104 1	I' 77414 0	C' 00470 1	33127 0	03517 1	33126 1	04555 0
35,3510	C' 20763 1	04106 1	04106 1	03434 1	34711 1	05415 1	15112 1	00006 1
35,3520	23766 1	55765 0	31765 1	04555 0	C' 20624 0	03522 1	01766 1	40154 0
35,3530	64705 1	00006 1	13434 0	03522 1	I' 77414 0	C' 00470 1	05537 0	C' 00124 0
35,3540	34743 0	03517 1	04106 1	C' 01510 1	I' 77420 1	C' 02370 1	03564 0	33132 1
35,3550	04555 0	C' 20763 1	04106 1	03560 1	03547 1	05301 0	C' 00014 1	05112 0
35,3560	06006 1	I' 52014 0	C' 03664 0	C' 02370 1	00006 1	23066 0	05435 0	C' 00155 0
35,3570	34714 1	55145 1	00004 0	34712 1	05140 1	C' 03172 0	C' 50067 0	05261 1
35,3600	C' 40036 0	C' 05024 1	C' 13000 0	01066 0	03636 1	03655 1	05447 0	C' 00027 1
35,3610	06006 1	I' 77624 1	C' 63102 1	I' 77776 1	03685 1	05435 0	C' 00045 0	14106 0
35,3620	03636 1	05447 0	C' 00027 1	05447 0	C' 00156 0	08006 1	I' 77624 1	C' 63154 1
35,3630	I' 77776 1	03655 1	03685 1	05447 0	C' 00045 0	14106 0	56002 0	55664 0
35,3640	05435 0	C' 00027 1	05435 0	C' 00031 0	33722 0	04555 0	C' 20763 1	14106 0
35,3650	01664 1	13642 0	05301 0	C' 00014 1	05112 0	56002 0	55127 0	33131 1
35,3660	04555 0	C' 20624 0	14106 0	01127 1	13657 1	56002 0	55664 0	33723 1
35,3670	04555 0	C' 20624 0	04106 1	13675 1	13687 1	34676 1	70077 0	00006 1
35,3700	13710 0	06006 1	I' 41575 0	C' 03646 0	I' 77624 1	C' 10660 0	I' 77650 1	C' 73714 1
35,3710	00006 1	43721 1	53626 0	06006 1	I' 77624 1	C' 73544 0	I' 77776 1	01664 1
35,3720	C' 00000 1	C' 35100 0	C' 01441 1	C' 01452 0	C' 04043 1	C' 01455 1	00006 1	23770 0
35,3730	05447 0	C' 00050 1	34753 1	54003 0	34676 1	55424 0	34700 1	54003 0
35,3740	01770 0	00006 1	23770 0	05435 0	C' 00050 1	01770 0	00006 1	23770 0
35,3750	05435 0	C' 00031 0	05435 0	C' 00027 1	01770 0	C' 27657 0	C' 01000 0	C' 00325 0
35,3760	C' 23740 0	C' 00306 1	C' 06614 1	C' 76027 0	C' 70156 1	C' 74517 1	C' 54131 0	C' 30276 1
35,3770	C' 05001 0	C' 00003 1	C' 27040 0	C' 03773 1	C' 03774 0	OKSM 54100 1	"	"

ODAL LISTING FOR PARAGRAPH J 210, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR A2A (CONSTANTS)

36,2000	C' 00004 0	C' 31566 0	C' 00000 1	C' 12326 0	C' 00002 0	C' 16100 1	C' 00000 1	C' 35230 0
36,2010	C' 12137 1	C' 08033 1	C' 08181 1	C' 30707 1	C' 35252 1	C' 25253 1	C' 67777 1	C' 77777 0
36,2020	C' 00000 1	C' 30760 0	C' 00000 1	C' 00114 0	C' 00040 0	C' 30447 0	I' 71220 1	C' 01340 1
36,2030	C' 03663 1	C' 34041 0	C' 27057 0	I' 77624 1	C' 45372 0	I' 77745 1	C' 03663 1	C' 34041 0
36,2040	C' 27045 0	I' 77624 1	C' 45402 0	I' 77775 1	C' 03540 0	I' 63246 1	C' 03554 0	I' 65256 0
36,2050	I' 43021 0	C' 00045 0	C' 00076 0	I' 43040 1	C' 74056 1	C' 00276 1	C' 27754 1	C' 00001 0
36,2060	I' 53435 0	C' 03562 0	C' 27646 0	C' 03540 0	I' 48206 1	C' 03646 0	I' 51352 1	I' 50256 0
36,2070	C' 00001 0	I' 65552 0	I' 77715 1	I' 50235 0	C' 03540 0	C' 03646 0	I' 75325 1	I' 77626 0
36,2100	C' 61180 1	C' 00047 1	C' 37746 0	C' 01340 1	I' 77220 1	C' 03657 0	C' 03540 0	I' 50256 0
36,2110	C' 03646 0	I' 75446 0	I' 43352 1	C' 34025 1	I' 57414 1	C' 00316 0	C' 74117 0	I' 40205 1
36,2120	C' 34011 0	C' 00001 0	I' 45206 1	C' 02817 0	C' 02811 0	I' 41525 0	I' 43342 0	I' 41415 1
36,2130	I' 43156 1	C' 03466 0	C' 16732 0	I' 50146 1	C' 74136 0	I' 77678 0	C' 16734 0	C' 03746 1
36,2140	C' 24047 1	C' 03554 0	I' 77657 0	C' 57176 0	C' 26657 1	C' 03562 0	I' 77657 0	C' 57176 0
36,2150	C' 36746 1	C' 24737 1	I' 77745 1	C' 00037 0	C' 03752 1	C' 16627 0	C' 02811 0	I' 73406 1
36,2160	C' 16732 0	I' 50146 1	C' 74164 1	I' 77676 0	C' 02734 0	I' 45150 1	C' 03745 1	C' 24737 1
36,2170	I' 43145 0	C' 00037 0	C' 03661 0	C' 16621 0	C' 15340 1	C' 16623 1	C' 34017 0	C' 16625 1
36,2200	C' 34013 1	I' 71214 0	C' 00316 0	C' 74205 0	C' 34015 1	C' 37750 1	C' 74230 0	I' 70545 1
36,2210	C' 02734 0	C' 14021 1	C' 02732 0	I' 77742 0	C' 34023 1	C' 47211 0	I' 43244 1	C' 74221 0
36,2220	C' 15340 1	I' 65221 0	C' 03750 0	C' 03752 1	I' 75225 0	C' 02621 0	I' 77640 0	C' 74432 1
36,2230	I' 77745 1	C' 03663 1	I' 43015 1	C' 03752 1	C' 01312 0	C' 74242 0	C' 34041 0	C' 27057 0
36,2240	I' 77650 1	C' 74244 0	C' 34041 0	C' 27045 0	I' 77775 1	C' 00007 0	C' 27640 0	C' 00001 0
36,2250	C' 03632 0	C' 17415 1	C' 03752 1	C' 17423 1	C' 02625 1	C' 16631 1	C' 02623 1	C' 16633 0
36,2260	C' 03663 1	C' 17503 1	C' 03746 1	C' 17746 1	C' 15332 1	I' 65201 1	C' 00001 0	C' 33147 0
36,2270	I' 77715 1	C' 03540 0	C' 27570 0	C' 03546 0	C' 37576 1	C' 22000 1	I' 52375 1	C' 03620 0
36,2300	C' 03640 0	I' 41446 1	C' 26637 1	C' 03646 0	I' 77646 0	C' 02635 0	I' 45415 0	C' 61154 0
36,2310	C' 03746 1	C' 24047 1	C' 03612 1	I' 77657 0	C' 57176 0	C' 26746 0	C' 03540 0	I' 77657 0
36,2320	C' 57176 0	C' 36657 0	C' 45322 0	I' 71354 0	C' 03746 1	I' 77657 0	C' 57576 1	C' 02625 1
36,2330	I' 71214 0	C' 03701 1	C' 74443 1	C' 02321 0	I' 50025 0	C' 02625 1	C' 74401 1	I' 45325 1
36,2340	C' 02321 0	C' 02631 1	I' 45240 0	C' 74380 1	I' 71240 1	C' 73534 1	C' 34005 0	I' 57414 1
36,2350	C' 00356 1	C' 74352 0	C' 03744 0	I' 43345 1	C' 03744 0	C' 03752 1	C' 37752 0	C' 74207 1
36,2360	I' 45214 1	C' 03461 1	I' 65301 0	C' 00047 1	C' 34023 1	I' 45215 0	C' 02321 0	C' 02625 1
36,2370	I' 70501 1	C' 00050 1	I' 56264 1	C' 60046 0	I' 53605 1	C' 03744 0	C' 57177 1	C' 37744 1

OCTAL LISTING FOR PARAGRAPH J 211, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #I# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

36,2400	C' 74353 1	I' 45325 1	C' 02623 1	C' 02633 0	I' 51406 1	I' 50025 0	C' 34021 0	C' 74443 1
36,2410	I' 45345 1	C' 02321 0	C' 02631 1	I' 77725 1	I' 71240 1	C' 74424 0	I' 71244 0	C' 74360 1
36,2420	C' 03744 0	I' 57542 0	C' 37744 1	C' 74353 1	I' 77745 1	I' 71240 1	C' 74353 1	C' 34007 1
36,2430	I' 77650 1	C' 74347 1	I' 45345 1	C' 02625 1	C' 02321 0	I' 71240 1	C' 73534 1	C' 03752 1
36,2440	I' 77625 0	C' 03744 0	C' 03752 1	I' 77775 1	C' 03620 0	I' 65241 0	C' 03632 0	C' 02637 1
36,2450	I' 45565 0	C' 41140 1	C' 16440 0	I' 50375 0	C' 03540 0	C' 03612 1	I' 51165 1	C' 02637 1
36,2460	C' 74470 1	I' 57535 0	C' 33144 0	I' 51165 1	C' 02637 1	C' 74476 1	I' 52076 1	C' 74474 0
36,2470	I' 43135 1	C' 33144 0	C' 00316 0	C' 74476 1	I' 77625 0	C' 36100 0	C' 17646 0	C' 02625 1
36,2500	C' 36641 1	C' 03657 0	05301 0	C' 00004 0	06006 1	I' 66170 1	C' 04000 0	C' 03424 0
36,2510	I' 77776 1	33242 0	03231 1	12511 1	33246 1	03205 0	12514 1	06006 1
36,2520	I' 71331 0	C' 00122 0	C' 00000 1	C' 03767 1	C' 17632 0	C' 03771 0	C' 17634 0	C' 31667 1
36,2530	C' 17735 0	C' 33756 0	C' 37652 1	C' 64427 1	I' 77545 0	C' 03646 0	07171 1	C' 00002 0
36,2540	C' 02544 0	C' 35438 0	C' 14040 0	C' 05086 1	C' 44052 0	C' 60030 1	C' 28415 0	C' 25057 1
36,2550	06006 1	I' 77752 1	C' 17654 0	C' 31717 1	C' 17730 0	C' 33762 1	C' 17636 1	C' 03634 0
36,2560	I' 44254 1	C' 74570 0	C' 31655 0	I' 71406 0	I' 73525 1	I' 45465 1	C' 40051 1	C' 74603 1
36,2570	I' 45345 1	C' 03646 0	C' 33760 0	I' 71240 1	C' 74600 1	C' 33766 0	C' 37726 0	C' 74603 1
36,2600	I' 77745 1	C' 33764 1	C' 03726 1	I' 77624 1	C' 65136 0	I' 52054 1	C' 74610 0	C' 74772 0
36,2610	I' 77775 1	C' 03640 0	C' 16657 1	C' 03636 1	C' 26760 1	C' 03700 0	C' 36746 1	C' 84272 1
36,2620	I' 77615 0	C' 03716 1	C' 17736 0	C' 03634 0	I' 52054 1	C' 74627 1	C' 74651 0	I' 51575 1
36,2630	C' 03710 1	I' 77776 1	07171 1	C' 00002 0	C' 00000 1	C' 00000 1	C' 47021 1	C' 65002 0
36,2640	C' 35610 0	C' 07722 1	C' 63772 0	C' 63276 1	06006 1	I' 77615 0	C' 01352 1	I' 52052 1
36,2650	C' 74653 1	I' 77745 1	C' 03726 1	I' 41425 1	C' 03726 1	I' 53575 0	C' 03656 1	C' 36152 1
36,2660	C' 26437 0	I' 77615 0	C' 33772 0	I' 45206 1	C' 03636 1	I' 45246 0	C' 31754 0	I' 52040 1
36,2670	C' 74672 1	C' 74677 1	I' 51545 1	C' 00001 0	I' 50025 0	C' 31756 1	C' 74747 0	I' 43345 1
36,2700	C' 03730 0	C' 31675 1	I' 67240 0	C' 74707 1	C' 31735 1	I' 77650 1	C' 74772 0	C' 03730 0
36,2710	I' 53025 0	C' 31721 1	C' 74730 0	I' 45345 1	C' 00001 0	C' 03666 1	I' 65301 0	C' 00047 1
36,2720	C' 03670 0	I' 56225 1	C' 03726 1	I' 53605 1	C' 00001 0	C' 20201 0	I' 77650 1	C' 74732 1
36,2730	I' 77745 1	C' 00001 0	C' 14021 1	I' 77626 0	C' 60141 0	I' 77600 1	C' 74603 1	C' 17666 1
36,2740	C' 03726 1	C' 17670 0	C' 00021 1	I' 77615 0	C' 03726 1	C' 37726 0	C' 74603 1	I' 77624 1
36,2750	C' 74776 1	I' 41345 0	C' 03720 1	C' 03754 1	I' 53021 1	C' 03636 1	C' 74764 1	I' 71240 1
36,2760	C' 74764 1	C' 31655 0	I' 77650 1	C' 74766 0	I' 57545 1	C' 31655 0	C' 37761 0	C' 64515 1
36,2770	I' 77654 0	C' 75024 0	I' 77624 1	C' 64255 1	I' 77776 1	12502 0	I' 45020 1	C' 03763 0



OCTAL LISTING FOR PARAGRAPH J 212, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A₁A (INTERPRETIVE OPERATOR WORDS) OR A₂A (CONSTANTS)

36,3000	C' 64311 0	I' 77776 1	33244 0	03215 1	34710 0	03211 0	13013 1	12502 0
36,3010	33245 1	03231 1	12502 0	33246 1	03205 0	12502 0	33247 0	03231 1
36,3020	12502 0	06006 1	I' 77850 1	C' 03783 0	I' 77624 1	C' 74776 1	I' 77776 1	34716 0
36,3030	55131 1	34712 1	55132 1	33243 1	03231 1	13033 0	06006 1	I' 67201 0
36,3040	C' 00001 0	C' 01133 1	I' 53025 0	C' 31667 1	C' 75053 0	I' 60335 1	C' 00111 0	C' 00047 1
36,3050	I' 52125 0	C' 31725 0	C' 75064 1	I' 43145 0	C' 31731 0	C' 00700 0	C' 75080 0	I' 77752 1
36,3060	I' 77752 1	I' 65301 0	C' 00047 1	C' 31727 1	I' 58325 0	C' 03706 0	I' 77776 1	07171 1
36,3070	C' 00001 0	C' 00001 0	C' 05070 0	C' 17527 1	C' 36700 0	C' 47114 0	C' 70870 1	08006 1
36,3100	I' 67206 1	C' 03078 0	I' 56205 0	I' 41257 1	C' 20165 1	C' 31733 1	I' 77621 1	C' 03716 1
36,3110	C' 03413 1	I' 77776 1	33242 0	03231 1	13112 1	34714 1	55125 1	55126 1
36,3120	08006 1	I' 77624 1	C' 65055 1	I' 53575 0	C' 03856 1	I' 74315 0	C' 03740 1	C' 31740 0
36,3130	I' 74315 0	C' 03746 1	C' 31742 1	I' 50255 0	I' 50015 0	C' 31744 1	C' 75163 1	I' 50375 0
36,3140	C' 03746 1	C' 03856 1	I' 71240 1	C' 75147 1	C' 31746 0	I' 52006 0	C' 75151 0	I' 41545 0
36,3150	C' 31750 1	I' 77756 0	C' 16732 0	I' 43146 0	C' 03866 1	C' 26734 0	C' 03640 0	C' 26657 1
36,3160	C' 03700 0	C' 36746 1	C' 24737 1	I' 43014 0	C' 01267 0	C' 03685 1	I' 77214 0	C' 01071 0
36,3170	I' 77626 0	C' 60362 0	C' 00037 0	I' 77615 0	C' 03718 1	C' 27856 1	C' 03700 0	I' 77651 0
36,3200	C' 03672 1	C' 37646 1	C' 73005 0	I' 77650 1	C' 75163 1	00006 1	23762 0	03215 1
36,3210	34712 1	05415 1	15112 1	01762 0	13240 0	00006 1	23733 1	04555 0
36,3220	C' 20763 1	14106 0	13225 0	13227 1	01733 1	51733 1	10004 1	51733 1
36,3230	10003 0	00006 1	23762 0	04555 0	C' 20624 0	14106 0	13240 0	01762 0
36,3240	51762 0	10001 1	C' 01441 1	C' 01006 0	C' 01475 0	C' 01447 1	C' 01474 1	C' 01521 0
36,3250	I' 77620 0	C' 02317 0	I' 66370 0	C' 00066 1	C' 00051 0	C' 00022 1	I' 66374 1	C' 00022 1
36,3260	C' 00052 0	C' 00006 1	I' 63775 1	C' 03502 0	C' 02467 0	C' 12745 1	I' 77775 1	C' 03510 0
36,3270	I' 52717 1	C' 02555 0	C' 75032 1	C' 12745 1	I' 77775 1	C' 03516 0	I' 52717 1	C' 02643 1
36,3300	C' 75032 1	C' 12745 1	I' 77700 0	C' 75304 1	I' 43104 0	C' 75262 0	C' 02706 1	C' 75313 1
36,3310	I' 77775 1	C' 15332 1	C' 02737 0	I' 77201 1	C' 00001 0	C' 02723 0	I' 47036 1	C' 45562 1
36,3320	I' 47515 0	C' 02731 0	I' 76234 0	C' 45562 1	I' 47515 0	C' 02737 0	I' 76234 0	C' 45562 1
36,3330	I' 77171 0	C' 03526 0	C' 00000 1	C' 01257 0	I' 40151 0	C' 03526 0	C' 75337 1	C' 01262 0
36,3340	I' 77654 0	C' 75350 0	I' 40112 1	C' 75350 0	C' 01262 0	I' 52114 1	C' 00001 0	C' 75342 0
36,3350	I' 61551 1	C' 01257 0	I' 75405 1	C' 01262 0	I' 76257 0	C' 57576 1	C' 01257 0	I' 63101 1
36,3360	C' 00050 1	C' 77775 1	I' 77134 1	C' 02215 0	C' 00242 0	I' 40265 1	C' 15322 0	C' 00001 0
36,3370	C' 03456 0	I' 60351 0	C' 01257 0	C' 00047 1	I' 65345 0	C' 00155 0	C' 03524 1	I' 77701 1

OCTAL LISTING FOR PARAGRAPH J 213, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

36,3400	C' 00051 0	I' 70460 1	C' 00050 1	I' 41471 0	I' 77650 1	C' 77676 0	I' 77731 1	C' 00052 0
36,3410	C' 00068 1	I' 60775 1	C' 02723 0	C' 75134 0	I' 77208 0	C' 02731 0	I' 53303 1	C' 75112 1
36,3420	I' 77206 0	C' 02737 0	I' 53303 1	C' 75070 1	I' 61006 0	C' 75411 1	I' 45575 1	C' 74303 1
36,3430	I' 45575 1	C' 74311 1	I' 45575 1	C' 74317 1	I' 77214 0	C' 02706 1	C' 75441 1	C' 15332 1
36,3440	C' 03474 0	I' 66374 1	C' 00022 1	C' 00052 0	C' 00006 1	I' 77773 1	C' 74275 1	I' 53761 1
36,3450	C' 00001 0	C' 20201 0	C' 11301 0	I' 77304 0	C' 75445 0	C' 01265 1	I' 77732 1	C' 01285 1
36,3460	I' 77650 1	C' 02317 0	I' 45020 1	C' 02317 0	C' 27371 1	I' 74375 0	C' 03460 0	C' 03456 0
36,3470	C' 26643 1	C' 03466 0	I' 77761 1	C' 03456 0	C' 26651 1	C' 03474 0	I' 77761 1	C' 03456 0
36,3500	C' 02657 1	I' 77776 1	33763 0	55252 1	55253 0	34714 1	55254 1	55255 0
36,3510	05301 0	C' 04022 0	05435 0	C' 00236 0	31253 1	55252 1	31255 1	55254 1
36,3520	06006 1	I' 73150 1	C' 01252 0	C' 01254 0	I' 70731 0	C' 00051 0	C' 00006 1	C' 75054 1
36,3530	I' 60276 1	C' 00052 0	I' 65161 1	C' 02643 1	C' 00051 0	I' 57144 1	C' 00047 1	C' 02215 0
36,3540	I' 65057 0	C' 57576 1	C' 00051 0	I' 77653 1	C' 02467 0	C' 02665 0	I' 57543 1	C' 75054 1
36,3550	I' 74301 0	C' 00052 0	C' 02651 1	I' 71124 0	C' 00051 0	C' 00047 1	I' 53674 1	C' 02215 0
36,3560	C' 57576 1	I' 52724 1	C' 00051 0	C' 02555 0	C' 02873 1	I' 77614 1	C' 02746 0	C' 75607 1
36,3570	I' 57543 1	C' 75054 1	I' 74301 0	C' 00052 0	C' 02657 1	I' 71124 0	C' 00051 0	C' 00047 1
36,3600	I' 53674 1	C' 02215 0	C' 57576 1	I' 52724 1	C' 00051 0	C' 02643 1	C' 02701 0	I' 77624 1
36,3610	C' 56741 0	I' 77776 1	31252 0	63764 1	55253 0	31254 0	67715 0	55255 0
36,3620	06006 1	I' 66350 1	C' 01252 0	C' 00051 0	C' 00006 1	I' 77775 1	C' 02665 0	C' 06467 1
36,3630	I' 77775 1	C' 02673 1	C' 06555 1	I' 77214 0	C' 02746 0	C' 75645 1	C' 02701 0	C' 06643 0
36,3640	I' 52100 1	C' 75643 1	C' 75653 0	I' 77634 0	C' 75510 1	I' 43335 0	C' 01256 1	C' 35766 0
36,3650	I' 52030 0	C' 75653 0	C' 75640 1	I' 77624 1	C' 56741 0	I' 53375 0	C' 01701 0	C' 01273 0
36,3660	C' 03450 0	I' 47014 1	C' 00707 1	C' 75753 1	C' 26745 0	I' 77004 0	C' 57343 1	C' 00000 1
36,3670	I' 77014 1	C' 04343 1	C' 75674 0	C' 00002 0	I' 53775 1	C' 01257 0	C' 57205 1	I' 40055 0
36,3700	C' 01521 0	C' 75713 0	C' 25521 0	C' 01265 1	I' 53257 1	C' 57202 0	C' 01527 0	I' 77600 1
36,3710	C' 75717 1	C' 35527 1	C' 75726 0	I' 53375 0	C' 01535 0	C' 01257 0	C' 01535 0	I' 53375 0
36,3720	C' 01543 1	C' 01265 1	C' 01543 1	I' 45134 0	C' 02150 1	C' 23344 0	I' 77624 1	C' 56741 0
36,3730	I' 47014 1	C' 00707 1	C' 75756 1	C' 26724 1	I' 77624 1	C' 20263 1	I' 77624 1	C' 56741 0
36,3740	I' 77214 0	C' 02746 0	C' 75745 0	C' 03450 0	C' 01701 0	I' 66150 0	C' 02317 0	C' 00052 0
36,3750	I' 77776 1	04574 0	C' 27406 0	I' 52034 1	C' 26700 1	C' 75665 0	I' 45034 1	C' 26651 1
36,3760	C' 20237 0	I' 77650 1	C' 75736 1	C' 00066 1	C' 77771 0	C' 00014 1	C' 03766 0	C' 03767 1
36,3770	OKSM 40555 0	"	"	"	"	"	"	"



OCAL LISTING FOR PARAGRAPH J 214, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED *is* (INTERPRETIVE OPERATOR WORDS) OR *scs* (CONSTANTS)

37,2000	C' 01231 0	34712 1	55132 1	34711 1	04555 0	C' 20761 0	04106 1	02011 0
37,2010	02003 0	32102 0	04555 0	C' 20624 0	04106 1	02017 0	02011 0	06008 1
37,2020	I' 77745 1	C' 01046 1	C' 02316 1	I' 45335 0	C' 01133 1	C' 36100 0	I' 71230 0	C' 76042 0
37,2030	C' 02316 1	C' 34041 0	C' 27036 1	I' 46135 1	C' 00050 1	C' 76050 0	I' 43175 0	C' 00001 0
37,2040	C' 01423 0	C' 76053 0	I' 77745 1	C' 02316 1	C' 34041 0	C' 27022 1	I' 77650 1	C' 76033 0
37,2050	I' 43175 0	C' 00001 0	C' 01663 0	C' 16152 0	C' 00015 0	I' 45014 0	C' 00662 0	C' 26322 0
37,2060	I' 77776 1	32101 0	04555 0	C' 20624 0	04106 1	04106 1	06008 1	I' 43345 1
37,2070	C' 02316 1	C' 36076 0	C' 01046 1	I' 77634 0	C' 76011 0	C' 00003 1	C' 25140 0	C' 00001 0
37,2100	C' 00000 1	C' 01453 1	C' 01442 1	I' 57546 1	C' 14017 1	I' 77756 0	C' 14013 0	C' 15332 1
37,2110	C' 00015 0	I' 41335 1	C' 03310 0	C' 03301 0	I' 45261 0	C' 20217 1	C' 15330 0	I' 45215 0
37,2120	C' 02634 1	C' 02401 0	I' 77634 0	C' 70473 0	I' 71406 0	I' 77808 1	I' 72405 0	C' 00017 0
37,2130	C' 14027 1	I' 77676 0	C' 00023 0	I' 72405 0	C' 00013 0	C' 14033 1	I' 41556 1	C' 00031 0
37,2140	I' 72405 0	C' 00017 1	C' 14021 1	I' 77676 0	I' 72405 0	C' 00013 0	C' 24025 0	C' 00013 0
37,2150	I' 77656 1	C' 26714 1	C' 00021 1	I' 77656 1	C' 26722 1	C' 00027 1	I' 77656 1	C' 36730 0
37,2160	C' 47140 1	I' 41575 0	C' 02760 1	I' 45006 0	C' 47432 1	I' 47175 1	C' 00003 1	C' 45547 0
37,2170	C' 27317 1	C' 15332 1	C' 24001 0	C' 00787 1	I' 47034 0	C' 45547 0	C' 70453 1	C' 14013 0
37,2200	C' 00741 0	I' 72405 0	C' 00001 0	I' 60415 1	C' 00005 1	I' 77650 1	C' 70366 0	04555 0
37,2210	C' 17573 0	34714 1	55126 1	55125 1	05435 0	C' 00120 1	05447 0	C' 00026 0
37,2220	05435 0	C' 00031 0	05435 0	C' 00027 1	05435 0	C' 00010 0	05261 1	C' 00004 0
37,2230	C' 05022 1	C' 26000 0	06006 1	I' 77634 0	C' 45505 0	C' 35225 1	C' 56343 0	I' 43014 0
37,2240	C' 02756 1	C' 76243 0	C' 01476 0	I' 43014 0	C' 00707 1	C' 76247 1	C' 01674 0	I' 77624 1
37,2250	C' 27113 1	I' 77624 1	C' 58741 0	I' 77624 1	C' 56343 0	I' 43014 0	C' 00747 0	C' 76261 0
37,2260	C' 01674 0	I' 77624 1	C' 27113 1	I' 77776 1	37663 0	05042 1	C' 02512 0	C' 70087 1
37,2270	05261 1	C' 00072 1	C' 00111 0	34761 0	05103 0	34706 1	70075 1	00006 1
37,2300	15112 1	34676 1	70077 0	00006 1	15112 1	34714 1	55775 1	05435 0
37,2310	C' 00126 1	04555 0	C' 76536 0	05447 0	C' 00126 1	34751 0	54003 0	05435 0
37,2320	C' 00024 1	06008 1	I' 77624 1	C' 30002 0	I' 77776 1	04555 0	C' 16070 1	34712 1
37,2330	55332 0	05112 0	C' 00203 0	I' 43020 1	C' 03667 0	C' 03347 1	C' 03667 0	I' 46135 1
37,2340	C' 02745 0	C' 60213 1	I' 50025 0	C' 21646 0	C' 60173 1	I' 70152 0	C' 00154 1	I' 70601 1
37,2350	C' 00001 0	C' 23705 1	I' 64723 0	C' 23623 1	C' 23541 0	I' 77666 1	C' 35104 1	C' 03667 0
37,2360	I' 77420 1	C' 02317 0	34753 1	54003 0	36211 0	71044 1	10000 0	02437 0
37,2370	34711 1	27044 1	05435 0	C' 00116 1	32442 1	04555 0	C' 20504 1	04106 1

OCAL LISTING FOR PARAGRAPH J 215, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

37,2400	02424 1	02424 1	34716 0	05415 1	05112 0	32441 1	04555 0	C' 20504 1
37,2410	04106 1	02416 0	02372 0	34715 0	05415 1	05112 0	32444 1	54001 1
37,2420	31732 0	00006 1	20001 1	55342 1	05447 0	C' 00116 1	34751 0	54003 0
37,2430	34761 0	05027 1	C' 05423 1	C' 04082 1	06008 1	I' 77650 1	C' 02317 0	05604 0
37,2440	C' 01211 1	C' 01527 0	C' 16600 0	C' 14600 1	C' 61740 0	05435 0	C' 00037 0	37716 0
37,2450	55725 1	55734 1	30075 0	74702 1	00008 1	12510 0	32535 0	04555 0
37,2460	C' 20465 1	02527 0	02464 0	02456 1	32534 1	04555 0	C' 20470 0	02527 0
37,2470	12516 0	36211 0	05475 1	C' 01725 0	C' 01734 0	00008 1	30025 0	53726 1
37,2500	30033 1	55727 0	30034 0	55731 1	30032 0	55733 0	00003 1	02464 0
37,2510	32443 0	04555 0	C' 20470 0	02527 0	12516 0	12510 0	31725 0	64712 1
37,2520	00006 1	12527 1	36211 0	05475 1	C' 01725 0	C' 01734 0	00003 1	04555 0
37,2530	C' 20464 0	05447 0	C' 00037 0	05423 1	C' 15200 1	C' 01536 0	34752 0	56003 1
37,2540	55771 0	04604 1	55770 1	11775 1	02575 1	02547 0	02576 1	06006 1
37,2550	I' 77624 1	C' 71225 1	I' 77776 1	50154 1	02555 0	02574 0	05447 0	C' 00124 0
37,2560	44712 0	55775 1	05435 0	C' 00077 1	04555 0	C' 56000 1	05447 0	C' 00077 1
37,2570	05301 0	C' 00111 0	34714 1	02575 1	36214 0	55775 1	31770 0	22000 1
37,2600	31771 1	56003 1	22000 1	04577 0	34766 1	05027 1	C' 03636 1	C' 14063 1
37,2610	02625 1	37667 1	05042 1	C' 03141 0	C' 76067 1	34735 1	05140 1	C' 02647 0
37,2620	C' 76066 0	44711 0	04114 1	C' 00005 1	15213 0	00006 1	22070 0	03157 1
37,2630	34712 1	55230 0	40075 1	74712 0	26075 1	34672 0	70076 1	54076 1
37,2640	40103 1	74705 0	26103 1	34714 1	55425 1	55426 1	00070 0	03157 1
37,2650	34715 0	54001 1	40000 0	52763 1	34712 1	55230 0	34711 1	55227 0
37,2660	40102 0	74711 0	10000 0	02736 1	41246 1	55065 1	00006 1	31662 1
37,2670	53670 0	31663 0	57671 0	00006 1	31665 0	53673 0	31666 0	57674 0
37,2700	30102 1	74677 1	00006 1	12721 0	32771 1	05140 1	C' 02772 1	C' 76066 0
37,2710	31162 0	57533 0	55536 1	31164 0	57534 1	55537 0	31166 1	57535 0
37,2720	55540 0	34715 0	55725 1	33136 0	05140 1	C' 03227 0	C' 32066 0	46214 1
37,2730	04114 1	C' 00001 0	34362 1	54001 1	40000 0	52763 1	40075 1	74712 0
37,2740	10000 0	02761 0	34735 1	05140 1	C' 02647 0	C' 76066 0	34675 1	05042 1
37,2750	C' 03007 0	C' 76067 1	44710 1	04114 1	C' 00005 1	34702 0	00006 1	05011 1
37,2760	15213 0	00006 1	32766 1	53223 1	12746 1	C' 03070 0	C' 76067 1	55227 0
37,2770	05156 0	C' 00062 0	34711 1	54070 1	50000 1	30037 0	50070 0	57533 0

OCTAL LISTING FOR PARAGRAPH J 216, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

37,3000	30070 0	55536 1	10070 1	12773 1	11227 0	12767 1	05213 1	34711 1
37,3010	00004 0	54070 1	60000 1	50000 1	11162 1	03017 1	03025 0	03135 0
37,3020	00006 1	83025 0	05537 0	C' 00205 0	03046 0	10070 1	13011 0	05301 0
37,3030	C' 18035 0	C' 20000 0	C' 03038 1	C' 76087 1	04555 0	C' 15262 0	06006 1	I' 51575 1
37,3040	C' 01183 1	I' 77405 0	C' 37354 1	00006 1	30155 0	21426 1	05301 0	C' 10035 0
37,3050	06006 1	I' 77624 1	C' 77323 0	I' 77776 1	05301 0	C' 10035 0	34113 0	05475 1
37,3060	C' 01231 0	C' 01170 0	00003 1	05301 0	C' 10035 0	00006 1	31223 0	52006 0
37,3070	31205 1	55074 1	05435 0	C' 00036 1	05261 1	C' 00005 1	C' 05022 1	C' 20000 0
37,3100	06006 1	I' 77624 1	C' 27472 0	I' 77776 1	34714 1	55125 1	55126 1	04555 0
37,3110	C' 17112 0	44702 1	55734 1	00006 1	03011 1	05447 0	C' 00147 0	05447 0
37,3120	C' 00162 1	34704 0	70074 0	00006 1	13130 1	05261 1	C' 00111 0	C' 00132 1
37,3130	04574 0	C' 10123 0	05301 0	C' 00035 1	15112 1	C' 63401 1	C' 00170 1	C' 00372 1
37,3140	C' 00044 1	34720 0	05475 1	C' 01231 0	C' 01170 0	00003 1	06006 1	I' 45175 0
37,3150	C' 01171 1	C' 77256 0	C' 25207 0	C' 01256 1	C' 01215 0	I' 77776 1	15112 1	00006 1
37,3160	30025 0	53246 1	44714 0	55224 0	55225 1	55226 1	34714 1	55166 0
37,3170	55164 1	55163 0	55165 0	55167 1	55230 0	00006 1	40040 1	53225 1
37,3200	52040 1	55162 1	23164 0	40041 0	57226 0	56041 1	55166 0	00002 0
37,3210	10763 1	13213 0	15213 0	37665 0	55074 1	11230 0	12647 1	33255 0
37,3220	54002 1	11166 0	00002 0	13226 0	00002 0	00002 0	22007 0	11164 1
37,3230	13233 1	13242 1	13233 1	22041 1	11226 1	41226 1	13206 1	13235 1
37,3240	23166 1	00002 0	11224 0	41224 0	13247 1	13243 0	13175 0	55162 1
37,3250	41225 1	55164 1	44714 0	52040 1	13203 1	C' 02650 0	I' 41456 0	C' 01760 1
37,3260	I' 67340 1	C' 03746 1	C' 00047 1	I' 77240 1	C' 77312 1	I' 41441 0	C' 01714 1	I' 44316 0
37,3270	C' 37364 1	I' 56325 0	C' 37366 0	C' 00043 0	C' 00041 1	I' 41205 0	C' 37370 1	I' 65361 0
37,3300	C' 01760 1	I' 41205 0	C' 37372 0	C' 00041 1	I' 53361 0	C' 01714 1	I' 77626 0	C' 76521 0
37,3310	I' 41455 0	C' 01760 1	I' 60345 0	C' 00043 0	C' 00050 1	I' 53663 1	C' 37356 0	C' 56623 0
37,3320	I' 45561 1	C' 76527 0	I' 77616 0	I' 74375 0	C' 01163 1	C' 37354 1	I' 76505 0	C' 01736 1
37,3330	C' 03433 0	I' 41562 0	I' 41455 0	C' 01207 0	I' 74255 0	C' 01177 1	C' 37362 1	I' 44055 1
37,3340	C' 01171 1	C' 00037 0	C' 35232 1	C' 77256 0	I' 53255 0	I' 77655 1	C' 01177 1	C' 35240 1
37,3350	C' 00037 0	C' 03215 1	C' 27057 0	C' 02312 0	C' 32537 1	C' 61377 0	C' 55754 1	C' 77644 1
37,3360	C' 65556 1	C' 00000 1	C' 31000 0	C' 01463 1	C' 06315 0	C' 00001 0	C' 05000 1	C' 02047 0
37,3370	C' 36332 0	C' 00152 1	C' 14511 1	06006 1	I' 77201 1	C' 00001 0	C' 01177 1	I' 63361 0

OCAL LISTING FOR PARAGRAPH J 220, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A'S DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

40,2000	34712 1	57012 0	54115 0	11042 1	02008 0	02013 1	42057 0	60154 1
40,2010	00006 1	12013 0	04410 0	58154 1	54117 1	50000 1	02017 0	03335 1
40,2020	02076 1	02076 1	02076 1	02076 1	02076 1	02076 1	02076 1	92062 1
40,2030	02062 1	03335 1	03335 1	03335 1	03335 1	03335 1	03335 1	02074 0
40,2040	02255 1	03504 0	03335 1	03335 1	03335 1	03335 1	03335 1	03335 1
40,2050	03382 0	02310 1	02275 0	02060 0	03335 1	02370 1	02271 1	C' 00022 1
40,2060	04574 0	C' 62002 1	10777 1	02067 1	02067 1	05112 0	05112 0	36214 0
40,2070	71000 1	10000 0	02076 1	03335 1	34714 1	54117 1	10777 1	02103 1
40,2100	02103 1	02102 0	05112 0	02225 0	11015 0	34714 1	55015 0	02110 0
40,2110	50117 0	34072 0	74362 0	54124 1	30777 0	54143 0	63225 1	36214 0
40,2120	71000 1	10000 0	02133 1	50137 1	57001 1	54022 0	40022 0	40022 0
40,2130	58022-1	60117 0	02150 1	50137 1	57001 1	54154 0	34714 1	54155 1
40,2140	34377 0	07256 1	56155 0	60117 0	54155 1	02150 1	26154 0	02166 1
40,2150	50137 1	55001 0	40777 1	50137 1	62216 0	00006 1	12160 0	02213 0
40,2160	36214 0	71000 1	10000 0	02166 1	40777 1	02214 1	44712 0	60137 1
40,2170	00006 1	62164 0	07052 1	C' 02223 0	36214 0	71000 1	50000 1	02177 1
40,2200	02204 0	00006 1	40156 1	52156 1	56156 0	50137 1	55004 0	56155 0
40,2210	50137 1	55001 0	02164 0	10777 1	54777 1	05112 0	C' 00022 1	C' 00020 0
40,2220	C' 00012 1	C' 00005 1	C' 00000 1	C' 05174 0	C' 13261 0	50777 0	32231 0	54137 0
40,2230	00002 0	C' 00004 0	C' 00004 0	C' 00004 0	C' 00004 0	C' 00004 0	C' 00003 1	C' 00003 1
40,2240	C' 00003 1	C' 00003 1	C' 00003 1	C' 00002 0	C' 00002 0	C' 00002 0	C' 00002 0	C' 00002 0
40,2250	05640 0	C' 00001 0	C' 00001 0	C' 00000 1	C' 00000 1	34714 1	55001 0	34374 0
40,2260	54777 1	02502 1	34712 1	55000 1	34714 1	55013 0	34233 1	54136 1
40,2270	05112 0	34714 1	55002 0	34375 1	02260 1	02347 0	02334 1	34711 1
40,2300	50137 1	64704 0	27000 1	11015 0	34714 1	55015 0	02307 1	05112 0
40,2310	02347 0	02314 0	34712 1	02300 0	22002 0	02225 0	50137 1	32342 0
40,2320	54123 0	64712 1	54122 1	34714 1	54124 1	56123 1	03307 0	34700 1
40,2330	54124 1	56122 0	03307 0	00001 0	22002 0	02225 0	50137 1	32342 0
40,2340	54122 1	64712 1	54123 0	02323 1	C' 00005 1	C' 00003 1	C' 00000 1	22002 0
40,2350	36214 0	71000 1	10000 0	05112 0	44333 1	02363 0	44334 0	02363 0
40,2360	44335 1	02363 0	05112 0	60777 0	00006 1	12367 0	00002 0	00001 0
40,2370	10777 1	64712 1	02374 0	64712 1	50000 1	32231 0	54137 0	11015 0

OCTAL LISTING FOR PARAGRAPH J 221, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

40,2400	02406 1	02403 1	02403 1	30137 1	02430 1	02423 0	10137 0	54137 0
40,2410	02430 1	32500 0	27013 0	30137 1	54125 0	00008 1	27001 0	04555 0
40,2420	C' 62337 1	30125 1	54137 0	02426 0	25015 1	05112 0	22002 0	02441 1
40,2430	67715 0	10000 0	00002 0	05640 0	05112 0	00002 0	54777 1	22002 0
40,2440	02225 0	34714 1	50137 1	55001 0	50137 1	55004 0	54124 1	50137 1
40,2450	44704 1	71000 1	72501 0	55000 1	50137 1	32471 1	54143 0	03225 1
40,2460	50137 1	32474 1	54777 1	02502 1	44711 0	28777 1	02502 1	50137 1
40,2470	34331 1	54777 1	00001 0	C' 00016 0	C' 00005 1	C' 00004 0	C' 00015 0	C' 00011 1
40,2500	C' 00003 1	C' 77774 0	30777 0	54021 0	42515 0	00004 0	50021 1	57023 1
40,2510	00006 1	62513 1	25016 1	00003 1	00002 0	C' 04000 0	34714 1	54156 1
40,2520	02555 0	02523 1	02550 0	02566 0	10154 0	56154 1	02531 1	02540 1
40,2530	67716 0	62602 1	54154 0	02536 0	34674 0	28154 0	34711 1	02517 0
40,2540	56154 1	62602 1	10000 0	02532 1	05640 0	64712 1	40000 0	02532 1
40,2550	00006 1	50156 0	32577 0	52124 1	00002 0	10154 0	00002 0	00002 0
40,2560	12561 0	44674 1	70154 0	54154 0	50002 0	00001 0	00006 1	50156 0
40,2570	32577 0	52155 1	07256 1	52124 1	20155 1	02606 0	C' 05605 1	C' 03656 1
40,2600	C' 16314 0	C' 31463 1	C' 16040 1	52124 1	52155 1	04431 0	04574 0	C' 62563 0
40,2610	52124 1	52155 1	04431 0	02615 1	02627 0	56156 0	56155 0	54154 0
40,2620	02606 0	02627 0	02606 0	02627 0	36211 0	03056 1	02606 0	56002 0
40,2630	54162 0	02653 0	07226 0	07052 1	C' 00123 1	00162 1	02437 0	02314 0
40,2640	30154 1	03211 0	46214 1	50117 0	64333 0	54777 1	02653 0	30155 0
40,2650	03211 0	04574 0	C' 62565 0	56002 0	54144 1	50140 1	02656 0	02673 1
40,2660	50117 0	30150 0	74372 1	04327 0	00006 1	50000 1	30001 0	52155 1
40,2670	34714 1	54156 1	00144 0	30145 1	02664 1	50140 1	02676 1	02701 0
40,2700	03323 0	00006 1	50145 1	30001 0	52155 1	34333 0	54777 1	34714 1
40,2710	54156 1	07226 0	03176 1	00136 0	07052 1	C' 02757 0	10155 1	34700 1
40,2720	02722 1	44700 0	60155 0	03070 0	04420 0	04420 0	03077 1	04420 0
40,2730	10154 0	02735 1	02735 1	40000 0	54154 0	10162 0	02753 1	02747 1
40,2740	10154 0	05640 0	02751 0	02744 1	56154 1	74672 1	54154 0	04574 0
40,2750	C' 63150 0	44672 1	02748 0	40154 0	74672 1	40000 0	02746 0	C' 28161 0
40,2760	C' 30707 1	C' 21616 0	C' 07071 0	C' 71527 1	07052 1	C' 00123 1	56156 0	56155 0
40,2770	56154 1	00008 1	12774 0	04161 0	03066 1	03077 1	02747 1	07052 1



OCTAL LISTING FOR PARAGRAPH J 222, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, #A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #A (INTERPRETIVE OPERATOR WORDS) OR #C (CONSTANTS)

40,3000	C' 00123 1	02774 1	10154 0	03007 0	03007 0	04161 0	04161 0	32763 1
40,3010	26154 0	07052 1	C' 02761 0	34877 0	60155 0	03070 0	02725 0	07052 1
40,3020	C' 00123 1	56156 0	60000 1	54156 1	34714 1	60155 0	03070 0	03077 1
40,3030	50140 1	03031 0	03042 1	30117 0	60145 1	54002 1	56155 0	50002 0
40,3040	54001 1	02747 1	34714 1	03034 0	07052 1	C' 00123 1	36211 0	03056 1
40,3050	03021 1	07052 1	C' 00123 1	34711 1	03056 1	03021 1	56002 0	54124 1
40,3060	56002 0	54123 0	04420 0	10123 0	03061 0	00124 0	56155 0	60000 1
40,3070	54155 1	00002 0	60154 1	54154 0	00002 0	54162 0	00002 0	10162 0
40,3100	04161 0	00002 0	04161 0	56002 0	54144 1	10154 0	03116 1	03116 1
40,3110	64712 1	54154 0	02334 1	40155 1	54155 1	00144 0	02314 0	00144 0
40,3120	00006 1	33164 1	20155 1	00006 1	13130 1	00006 1	34672 0	52155 1
40,3130	00002 0	56002 0	54115 0	03103 0	03120 1	34710 0	54137 0	34377 0
40,3140	07256 1	50154 1	34072 0	74362 0	54124 1	34714 1	56156 0	56155 0
40,3150	54154 0	56777 0	54143 0	10000 0	54777 1	03225 1	10137 0	03136 0
40,3160	44374 1	54777 1	00115 1	C' 00000 1	C' 02476 0	56002 0	54115 0	03103 0
40,3170	03135 0	56002 0	54115 0	03103 0	34712 1	03136 0	56002 0	54115 0
40,3200	34714 1	54124 1	36214 0	03307 0	34710 0	03307 0	03103 0	34334 1
40,3210	03136 0	00006 1	73221 1	22154 1	34714 1	54155 1	56002 0	54115 0
40,3220	03174 0	C' 00244 0	03211 0	04574 0	C' 62346 1	56002 0	54114 1	34362 1
40,3230	70143 0	54021 0	56021 1	54141 1	34712 1	70143 0	10000 0	03241 0
40,3240	03251 1	56124 0	04354 1	54124 1	34675 1	70143 0	10000 0	34711 1
40,3250	64712 1	54143 0	00004 0	50141 0	11023 0	03257 1	05640 0	64712 1
40,3260	54142 1	50143 1	73303 0	00006 1	60124 0	00006 1	13301 1	50143 1
40,3270	43303 0	70142 1	60124 0	40000 0	50141 0	57023 1	00006 1	63301 0
40,3300	25016 1	00003 1	00114 0	C' 00037 0	C' 01740 0	C' 02000 0	C' 03740 1	54141 1
40,3310	34711 1	54143 0	56002 0	54114 1	03252 1	03225 1	33320 0	04577 0
40,3320	C' 63401 1	44374 1	54777 1	43342 0	60136 0	00006 1	13337 1	43341 0
40,3330	60136 0	00006 1	13334 1	03335 1	04220 0	04400 1	05112 0	05622 1
40,3340	C' 01501 1	C' 04140 0	04216 0	34712 1	55014 1	04220 0	04473 0	04447 1
40,3350	03450 0	44712 0	03344 1	34714 1	55013 0	44374 1	54777 1	03343 0
40,3360	44714 0	03344 1	44710 1	00006 1	03011 1	10115 0	34675 1	71021 1
40,3370	10000 0	03400 0	04473 0	11042 1	03376 0	05112 0	04574 0	C' 21176 1



OCTAL LISTING FOR PARAGRAPH J 224, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1A (INTERPRETIVE OPERATOR WORDS) OR #CA (CONSTANTS)

41,2000	03534 0	02771 1	34714 1	55015 0	34233 1	54136 1	11013 0	02035 0
41,2010	02035 0	02012 0	32033 0	61013 1	00006 1	12027 1	36214 0	71000 1
41,2020	10000 0	02023 1	02027 0	10777 1	02350 0	02350 0	02027 0	41013 0
41,2030	55013 0	04447 1	01013 1	C' 03421 0	C' 00034 0	34714 1	55000 1	44374 1
41,2040	54777 1	41001 0	55041 1	62034 1	00006 1	62133 1	00006 1	32114 1
41,2050	52006 0	50140 1	02052 1	02055 0	02221 1	10146 0	02131 0	02350 0
41,2060	02064 1	25017 0	04325 1	02120 0	34674 0	55015 0	44233 0	60136 0
41,2070	00006 1	12073 0	02116 0	02306 0	11000 1	04161 0	44374 1	54777 1
41,2100	11042 1	02104 0	02105 1	02104 0	04443 0	57005 0	04317 0	00006 1
41,2110	32114 1	52006 0	02133 1	C' 02062 1	C' 64101 0	C' 77772 0	30156 0	04317 0
41,2120	44715 1	61001 1	00006 1	12133 0	34335 0	54777 1	31017 0	03353 1
41,2130	02133-1	64712 1	04317 0	42145 1	61001 1	10000 0	64712 1	02141 1
41,2140	02146 0	54154 0	04473 0	04574 0	C' 66000 1	C' 00050 1	51001 1	32151 0
41,2150	04577 0	C' 62350 0	C' 62364 1	C' 62372 0	C' 62377 0	C' 62357 1	C' 62352 1	C' 62520 1
41,2160	C' 60675 0	C' 62350 0	C' 62350 0	C' 61323 1	C' 63220 1	C' 63220 1	C' 63220 1	C' 63220 1
41,2170	C' 63220 1	C' 63220 1	C' 63220 1	C' 62350 0	C' 62350 0	C' 62350 0	C' 62726 0	C' 62737 0
41,2200	C' 62754 0	C' 62677 0	C' 62612 0	C' 62350 0	C' 63343 0	C' 62350 0	C' 62350 0	C' 63456 0
41,2210	C' 63502 0	C' 61360 0	C' 61343 1	C' 61351 1	C' 63603 1	C' 12347 1	C' 63420 1	C' 62350 0
41,2220	C' 62350 0	10146 0	02226 0	02350 0	02226 0	02226 0	46211 1	61001 1
41,2230	00006 1	62233 1	02133 1	34711 1	54117 1	62260 1	54145 0	50117 0
41,2240	30150 0	54122 1	03027 1	02261 0	02246 0	24122 0	30122 0	74372 1
41,2250	04327 0	50000 1	30000 1	50145 1	56000 1	10117 1	02234 0	02133 1
41,2260	00125 1	50000 1	12263 0	00002 0	00002 0	00002 0	00002 0	12300 1
41,2270	12300 1	00002 0	12300 1	00002 0	00002 0	12300 1	00002 0	00002 0
41,2300	50002 0	00001 0	34333 0	12307 0	34334 1	12307 0	34335 0	54777 1
41,2310	40002 1	55013 0	04555 0	C' 60437 1	04443 0	00136 0	55002 0	56002 0
41,2320	54117 1	00006 1	32114 1	52006 0	10146 0	64712 1	12331 0	12332 0
41,2330	12332 0	04317 0	34375 1	54777 1	31002 1	12344 1	55001 0	56002 0
41,2340	54117 1	34374 0	54777 1	31001 1	04574 0	C' 61222 1	00117 0	04161 0
41,2350	04574 0	C' 61323 1	44711 0	02423 0	50145 1	40002 1	56132 1	44712 0
41,2360	02423 0	50145 1	40001 1	56131 1	02442 1	02465 1	50145 1	40000 0
41,2370	56130 0	02404 0	44712 0	02436 1	50145 1	40001 1	02370 1	44711 0

OCTAL LISTING FOR PARAGRAPH J 225, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACA (CONSTANTS)

41,2400	02438 1	50145 1	40002 1	02370 1	44711 0	61001 1	10000 0	02412 1
41,2410	00138 0	02412 1	54122 1	50000 1	34333 0	54777 1	50122 0	40130 1
41,2420	03353 1	56122 0	02406 1	54123 0	22002 0	02512 0	04345 1	76214 1
41,2430	60123 1	10000 0	00001 0	05640 0	02350 0	00001 0	54123 0	22002 0
41,2440	02442 1	02425 0	00006 1	22156 0	02512 0	74675 0	10000 0	02350 0
41,2450	00156 0	22002 0	02512 0	74675 0	10000 0	04161 0	00001 0	22002 0
41,2460	02512 0	10000 0	00001 0	00001 0	02350 0	22002 0	30146 1	64712 1
41,2470	00006 1	12503 1	50140 1	02473 0	02476 0	00001 0	03021 1	02261 0
41,2500	00001 0	24145 1	00001 0	00006 1	51017 0	00000 1	40000 0	12370 0
41,2510	C' 00147 0	C' 00146 1	50140 1	32507 1	50000 1	30000 1	74364 0	00002 0
41,2520	02512 0	04345 1	76214 1	54117 1	54122 1	60145 1	50000 1	40000 0
41,2530	50122 0	57003 0	10122 1	02524 0	34714 1	54155 1	54156 1	50117 0
41,2540	34333 0	54777 1	50117 0	41003 1	54154 0	03042 1	54123 0	00006 1
41,2550	32562 1	52006 0	50140 1	02553 0	02557 1	03027 1	02572 0	03021 1
41,2560	02572 0	C' 02120 0	C' 64101 0	04555 0	C' 61131 0	10117 1	02570 1	00136 0
41,2570	54117 1	02534 1	50000 1	32575 1	04577 0	C' 61321 0	C' 62563 0	C' 60516 0
41,2600	C' 60603 1	C' 60614 1	C' 60621 1	C' 60524 1	C' 60623 0	C' 65143 1	C' 65216 1	C' 60621 1
41,2610	C' 60610 0	C' 60636 1	44711 0	02423 0	02457 0	33001 0	02336 0	02302 1
41,2620	33002 0	02336 0	02304 1	33003 1	02336 0	02306 0	46211 1	03004 0
41,2630	00006 1	32114 1	52006 0	34714 1	03070 0	50145 1	54000 0	34712 1
41,2640	03070 0	50145 1	54001 1	34711 1	03070 0	50145 1	54002 1	44716 1
41,2650	61002 1	00006 1	12654 0	02771 1	31003 0	04320 1	31005 0	00004 0
41,2660	00006 1	12670 0	50145 1	40000 0	71004 0	50145 1	26000 0	02675 1
41,2670	41004 0	50145 1	70000 0	50145 1	54000 0	00003 1	02771 1	44712 0
41,2700	02423 0	02457 0	33001 0	02336 0	02302 1	33002 0	02336 0	02304 1
41,2710	44715 1	03004 0	00006 1	32114 1	52006 0	34714 1	03070 0	50145 1
41,2720	54000 0	34712 1	03070 0	50145 1	54001 1	02771 1	02302 1	00006 1
41,2730	32114 1	52006 0	34714 1	03070 0	50145 1	54000 0	02771 1	44712 0
41,2740	02423 0	34674 0	55015 0	02304 1	00006 1	32114 1	52006 0	34712 1
41,2750	03070 0	50145 1	54001 1	02771 1	44711 0	02423 0	34674 0	55015 0
41,2760	02306 0	00006 1	32114 1	52006 0	34711 1	03070 0	50145 1	54002 1
41,2770	02771 1	34714 1	55000 1	44714 0	55014 1	44374 1	54777 1	04574 0



OCTAL LISTING FOR PARAGRAPH J 226, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED *a* (INTERPRETIVE OPERATOR WORDS) OR *ac* (CONSTANTS)

41,3000	C' 61450 1	C' 00025 0	C' 00026 0	C' 00027 1	54117 1	41000 1	54021 0	40021 0
41,3010	40021 0	10000 0	13014 0	00002 0	60117 0	00006 1	13020 1	04161 0
41,3020	00002 0	56002 0	54114 1	34363 0	70147 1	04336 0	00114 0	56002 0
41,3030	54114 1	50117 0	33061 0	54001 1	50117 0	34362 1	70153 1	50001 0
41,3040	00000 1	00114 0	56002 0	54114 1	50140 1	03045 0	03064 0	50117 0
41,3050	33061 0	54001 1	50117 0	34362 1	70147 1	50001 0	00000 1	60000 1
41,3060	00114 0	03020 0	04336 0	04345 1	34362 1	70147 1	00000 1	00114 0
41,3070	54117 1	56002 0	54115 0	34714 1	54162 0	50117 0	57006 0	54155 1
41,3100	50117 0	57003 0	54154 0	50140 1	03104 1	03132 1	50117 0	30150 0
41,3110	74372 1	04317 0	00008 1	60117 0	54145 0	11000 1	03165 0	02451 0
41,3120	03027 1	02261 0	03150 0	24145 1	30145 1	26117 1	34714 1	50117 0
41,3130	53777 0	03150 0	04325 1	11000 1	03165 0	02451 0	03021 1	02261 0
41,3140	03144 0	34714 1	54117 1	03123 1	30146 1	64712 1	00006 1	13154 0
41,3150	58154 1	00115 1	C' 02128 0	C' 64101 0	44716 1	61017 0	00006 1	12771 0
41,3160	30154 1	00006 1	51017 0	01000 0	02771 1	03042 1	54123 0	00006 1
41,3170	33153 0	52006 0	50140 1	03173 1	03177 0	03027 1	03200 0	03021 1
41,3200	50000 1	33203 0	04577 0	C' 62347 0	C' 60774 0	C' 60714 0	C' 60764 1	C' 61017 0
41,3210	C' 61044 0	C' 61002 1	C' 61017 0	C' 65365 1	C' 61323 1	C' 61051 1	C' 60777 0	C' 61323 1
41,3220	43227 1	71017 1	54155 1	40136 1	64233 1	10000 0	03235 0	C' 60000 1
41,3230	03235 0	34675 1	26155 1	34714 1	55022 1	36043 0	71001 0	04345 1
41,3240	54022 0	40022 0	56022 1	61002 1	54154 0	34714 1	55012 1	11042 1
41,3250	03252 1	04516 1	00004 0	11020 0	03281 1	34712 1	65140 1	C' 03265 0
41,3260	C' 62101 0	52155 1	53021 1	00003 1	00136 0	04414 1	11021 1	03273 1
41,3270	03273 1	03304 0	03304 0	33310 0	05140 1	C' 03265 0	C' 62101 0	34371 0
41,3300	05027 1	C' 03311 1	C' 62101 0	05213 1	34714 1	55020 0	55021 1	05213 1
41,3310	C' 00144 0	11021 1	03316 0	03316 0	05112 0	05112 0	11012 1	03341 1
41,3320	36043 0	71020 0	02316 1	34160 1	71020 0	63337 0	54023 1	30023 0
41,3330	55001 0	33340 0	54136 1	43227 1	71021 1	54156 1	02046 1	C' 75377 0
41,3340	C' 04140 0	04410 0	05112 0	34333 0	54777 1	31047 0	54001 1	31017 0
41,3350	04610 1	03353 1	05112 0	54022 0	56002 0	54115 0	34675 1	26777 1
41,3360	34710 0	54137 0	40022 0	40022 0	40022 0	40000 0	74716 1	50000 1
41,3370	34072 0	74362 0	54124 1	56777 0	54143 0	10000 0	54777 1	04574 0

OCAL LISTING FOR PARAGRAPH J 230, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED AIA (INTERPRETIVE OPERATOR WORDS) OR ACs (CONSTANTS)

42,2000	34752 0	54003 0	34876 1	05103 0	32061 1	04555 0	C' 20465 1	05423 1
42,2010	02012 0	02004 1	31466 1	74707 1	10000 0	12054 0	05447 0	C' 00212 0
42,2020	04555 0	C' 40146 0	32060 0	04555 0	C' 20465 1	05423 1	02030 0	02022 0
42,2030	31466 1	74371 1	00006 1	12046 0	40000 0	74371 1	00006 1	12046 0
42,2040	00004 0	04633 0	C' 13207 0	00003 1	04555 0	C' 40277 1	32057 1	04555 0
42,2050	C' 20465 1	05423 1	05423 1	02046 1	05435 0	C' 00212 0	02020 1	C' 01460 1
42,2060	C' 01457 0	C' 01056 0	52152 0	51002 1	32133 1	54146 0	51002 1	32277 1
42,2070	54147 1	41002 0	64726 0	00006 1	62100 1	34712 1	54140 0	02116 0
42,2100	34711 1	54140 0	51002 1	32777 1	54153 1	34747 1	70146 0	54002 1
42,2110	50000 1	32563 0	54150 1	00006 1	50002 0	32565 0	52152 0	52006 0
42,2120	52124 1	00006 1	50000 1	32514 0	52124 1	52006 0	52124 1	00006 1
42,2130	50000 1	32444 1	12124 0	C' 00000 1	C' 40000 0	C' 40000 0	C' 40000 0	C' 00000 1
42,2140	C' 01045 1	C' 01131 0	C' 01003 0	C' 01363 0	C' 00375 0	C' 77776 1	C' 00000 1	C' 01051 1
42,2150	C' 00000 1	C' 00000 1	C' 77777 0	C' 01051 1	C' 01333 0	C' 01155 1	C' 01155 1	C' 00032 0
42,2160	C' 00037 0	C' 01155 1	C' 00000 1	C' 01051 1	C' 01045 1	C' 01045 1	C' 01362 1	C' 00000 1
42,2170	C' 01045 1	C' 01045 1	C' 01045 1	C' 02345 1	C' 03412 0	C' 01045 1	C' 03660 1	C' 00024 1
42,2200	C' 03662 0	C' 01516 1	C' 02640 1	C' 64000 0	C' 02003 0	C' 24006 1	C' 24011 1	C' 64014 0
42,2210	C' 64017 0	C' 02022 0	C' 22025 0	C' 22030 1	C' 24033 1	C' 64036 0	C' 22041 1	C' 00044 1
42,2220	C' 24047 1	C' 24052 0	C' 24055 1	C' 22060 1	C' 20063 0	C' 24066 1	C' 24071 1	C' 24074 1
42,2230	C' 24077 1	C' 24102 1	C' 64105 1	C' 24110 1	C' 24113 1	C' 24116 1	C' 24121 0	C' 24124 0
42,2240	C' 24127 0	C' 04132 0	C' 04135 1	C' 24140 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1
42,2250	C' 00000 1	C' 00000 1	C' 00000 1	C' 64170 0	C' 24173 1	C' 00000 1	C' 24201 1	C' 24204 1
42,2260	C' 24207 1	C' 24212 0	C' 02215 0	C' 24220 1	C' 24223 1	C' 24226 1	C' 02231 0	C' 02234 0
42,2270	C' 04237 0	C' 02242 1	C' 04245 0	C' 04250 1	C' 04253 1	C' 04256 1	C' 24261 1	C' 00000 1
42,2300	C' 04040 1	C' 04140 0	C' 04102 0	C' 00000 1	C' 00504 0	C' 02000 0	C' 04000 0	C' 04000 0
42,2310	C' 04000 0	C' 00000 1	C' 00000 1	C' 02000 0	C' 00000 1	C' 00000 1	C' 00000 1	C' 24400 0
42,2320	C' 04102 0	C' 04102 0	C' 04102 0	C' 04102 0	C' 04140 0	C' 04102 0	C' 00000 1	C' 24400 0
42,2330	C' 04140 0	C' 04000 0	C' 00140 1	C' 00000 1	C' 20102 0	C' 04140 0	C' 24400 0	C' 24400 0
42,2340	C' 24400 0	C' 24400 0	C' 24400 0	C' 24400 0	C' 24400 0	C' 24400 0	C' 24400 0	C' 24500 1
42,2350	C' 00542 1	C' 24410 1	C' 20204 0	C' 00410 1	C' 10000 0	C' 00000 1	C' 00306 1	C' 00614 1
42,2360	C' 00510 0	C' 00417 0	C' 00204 1	C' 00004 0	C' 10507 1	C' 10507 1	C' 10200 1	C' 00444 0
42,2370	C' 00010 0	C' 24510 0	C' 24512 1	C' 10440 0	C' 00204 1	C' 20451 0	C' 00457 1	C' 36460 0

OCTAL LISTING FOR PARAGRAPH J 231, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR ACB (CONSTANTS)

42,2400	C' 00000 1	C' 37044 0	C' 10217 1	C' 34444 1	C' 35004 0	C' 00000 1	C' 00000 1	C' 00404 1
42,2410	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 22440 1
42,2420	C' 24512 1	C' 00000 1	C' 24512 1	C' 24512 1	C' 24512 1	C' 22451 1	C' 00102 1	C' 00000 1
42,2430	C' 16143 0	C' 10507 1	C' 00102 1	C' 00102 1	C' 06143 1	C' 00102 1	C' 04102 0	C' 04102 0
42,2440	C' 00000 1	C' 00000 1	C' 01162 0	C' 00006 1	C' 03240 1	C' 00000 1	C' 00000 1	C' 00000 1
42,2450	C' 00000 1	C' 10707 0	C' 03435 0	C' 13070 1	C' 34345 1	C' 00205 1	C' 21618 0	C' 26113 0
42,2460	C' 31713 0	C' 00070 0	C' 20460 1	C' 01065 0	C' 05740 1	C' 11414 0	C' 31463 1	C' 07475 0
42,2470	C' 16051 1	C' 00001 0	C' 03434 1	C' 00002 0	C' 22245 1	C' 00014 1	C' 35607 0	C' 07606 0
42,2500	C' 06300 1	C' 16631 1	C' 11307 0	C' 12000 1	C' 00000 1	C' 27176 1	C' 14235 0	C' 16102 0
42,2510	C' 14000 1	C' 07475 0	C' 16051 1	C' 05174 0	C' 13261 0	C' 00000 1	C' 00000 1	C' 00000 1
42,2520	C' 00000 1	C' 00714 0	C' 31463 1	C' 13412 1	C' 07534 1	C' 05605 1	C' 03656 1	C' 00001 0
42,2530	C' 16170 0	C' 00441 0	C' 34306 0	C' 07176 0	C' 21603 1	C' 15340 1	C' 15340 1	C' 01031 1
42,2540	C' 21032 0	C' 34631 1	C' 23146 0	C' 14340 0	C' 24145 1	C' 02363 0	C' 03721 0	C' 20373 1
42,2550	C' 02122 1	C' 00424 0	C' 30446 1	C' 00631 0	C' 23146 0	C' 00260 0	C' 06213 1	C' 11036 1
42,2560	C' 06144 0	C' 01031 1	C' 21032 0	C' 03660 1	C' 03653 1	C' 03425 1	C' 01045 1	C' 01046 1
42,2570	C' 00000 1	C' 02363 0	C' 02365 0	C' 03653 1	C' 01103 1	C' 01105 1	C' 01107 0	C' 02351 1
42,2600	C' 02353 0	C' 02343 1	C' 01125 0	C' 03660 1	C' 03625 0	C' 03066 1	C' 03067 0	C' 00000 1
42,2610	C' 03074 1	C' 03073 0	C' 00000 1	C' 03025 0	C' 03026 0	C' 00000 1	C' 03501 0	C' 03503 1
42,2620	C' 03505 1	C' 02355 0	C' 02353 0	C' 02343 1	C' 02320 1	C' 02322 0	C' 00000 1	C' 02632 1
42,2630	C' 00000 1	C' 00000 1	C' 02320 1	C' 02322 0	C' 02324 0	C' 02320 1	C' 02322 0	C' 02324 0
42,2640	C' 03645 0	C' 03743 1	C' 03753 0	C' 03633 1	C' 03631 0	C' 00000 1	C' 02610 1	C' 00000 1
42,2650	C' 00000 1	C' 02640 1	C' 02634 1	C' 02636 0	C' 02610 1	C' 02612 0	C' 02614 0	C' 03721 0
42,2660	C' 03766 0	C' 03770 1	C' 03400 0	C' 03402 1	C' 03326 0	C' 03722 0	C' 03736 0	C' 03734 1
42,2670	C' 03713 1	C' 03724 0	C' 03726 1	C' 03637 0	C' 03722 0	C' 03713 1	C' 00013 0	C' 00013 0
42,2700	C' 00013 0	C' 03315 0	C' 03675 0	C' 03715 1	C' 03713 1	C' 01103 1	C' 01105 1	C' 03315 0
42,2710	C' 03722 0	C' 03677 1	C' 03315 0	C' 03174 0	C' 03766 0	C' 00735 0	C' 02751 0	C' 02752 0
42,2720	C' 00735 0	C' 02751 0	C' 02752 0	C' 02616 1	C' 03753 0	C' 01132 0	C' 00000 1	C' 00000 1
42,2730	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1
42,2740	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1
42,2750	C' 00000 1	C' 00000 1	C' 00000 1	C' 03660 1	C' 03653 1	C' 03425 1	C' 03404 1	C' 03406 0
42,2760	C' 03410 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 03674 1	C' 03676 0	C' 03700 0	C' 03537 0
42,2770	C' 03541 1	C' 03543 0	C' 03664 0	C' 03666 1	C' 03670 0	C' 03404 1	C' 03406 0	C' 03410 1



OCTAL LISTING FOR PARAGRAPH J 232, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED A1A (INTERPRETIVE OPERATOR WORDS) OR A2A (CONSTANTS)

42,3000	C' 03730 0	C' 03732 1	C' 00000 1	C' 02765 1	C' 02767 0	C' 02771 1	C' 01103 1	C' 02357 1
42,3010	C' 02361 1	C' 02320 1	C' 02322 0	C' 02324 0	C' 00036 1	C' 00035 1	C' 00000 1	C' 02773 0
42,3020	C' 02775 0	C' 00000 1	C' 02757 0	C' 02761 0	C' 02763 1	C' 03730 0	C' 03732 1	C' 00000 1
42,3030	C' 03722 0	C' 03723 1	C' 03724 0	C' 01333 0	C' 01334 1	C' 01335 0	C' 01045 1	C' 01046 1
42,3040	C' 01047 0	C' 01050 0	C' 01051 1	C' 01052 1	C' 02320 1	C' 02322 0	C' 02324 0	C' 16351 1
42,3050	C' 00142 0	C' 16347 0	C' 16512 0	C' 22347 1	C' 24454 1	C' 00000 1	C' 00553 1	C' 00143 1
42,3060	C' 06347 1	C' 22347 1	C' 00512 1	C' 00012 1	C' 24344 1	C' 24344 1	C' 24503 1	C' 00512 1
42,3070	C' 00007 0	C' 16347 0	C' 16347 0	C' 24503 1	C' 06512 1	C' 16512 0	C' 22507 0	C' 16505 0
42,3100	C' 20410 0	C' 16352 1	C' 24507 0	C' 24512 1	C' 24252 1	C' 00000 1	C' 00000 1	C' 06352 0
42,3110	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 00000 1	C' 24511 1
42,3120	C' 16347 0	C' 00000 1	C' 16347 0	C' 16347 0	C' 16347 0	C' 24512 1	C' 00302 0	C' 02041 0
42,3130	C' 10347 0	C' 24344 1	C' 00302 0	C' 00302 0	C' 16347 0	C' 00302 0	C' 04102 0	C' 04102 0
42,3140	C' 06143 1	C' 06043 0	C' 06252 1	04555 0	C' 60853 1	07226 0	03332 0	07052 1
42,3150	C' 03204 1	34335 0	54777 1	04555 0	C' 61131 0	03350 1	33206 0	56154 1
42,3160	55007 0	33207 1	56155 0	04431 0	34334 1	54777 1	04555 0	C' 61131 0
42,3170	00006 1	33213 1	52155 1	31007 1	04431 0	34333 0	54777 1	04555 0
42,3200	C' 61131 0	00138 0	C' 25660 0	C' 31742 1	C' 01727 1	C' 01217 1	C' 00011 1	C' 32445 0
42,3210	C' 02104 0	C' 10422 1	C' 05174 0	C' 13261 0	C' 00000 1	C' 00062 0	04555 0	C' 60853 1
42,3220	07226 0	10154 0	03224 0	03255 0	63312 1	10000 0	03241 0	03255 0
42,3230	03255 0	10155 1	03234 1	03255 0	63313 0	10000 0	03241 0	03255 0
42,3240	03255 0	10154 0	33315 0	03252 1	43315 1	54154 0	43316 1	54155 1
42,3250	33314 1	03333 1	54154 0	33316 0	03247 0	03317 1	33310 0	07256 1
42,3260	46214 1	26777 1	04555 0	C' 61171 1	34714 1	54124 1	44711 0	50117 0
42,3270	64333 0	54143 0	04555 0	C' 61225 0	03350 1	56155 0	00006 1	73311 0
42,3300	52155 1	50117 0	34333 0	54777 1	04555 0	C' 61171 1	04574 0	C' 62565 0
42,3310	C' 23147 1	C' 23346 1	C' 77753 0	C' 41126 1	C' 03256 0	C' 00025 0	C' 37018 1	10155 1
42,3320	13327 0	13327 0	13323 1	00006 1	43215 0	20155 1	13332 1	00006 1
42,3330	33215 1	13325 1	56002 0	54144 1	07052 1	C' 03202 1	00006 1	30155 0
42,3340	53010 0	04420 0	04420 0	34714 1	56156 0	56155 0	56154 1	00144 0
42,3350	56002 0	54144 1	31010 1	00006 1	74710 1	00006 1	74676 0	22155 0
42,3360	31007 1	54154 0	07052 1	C' 03210 1	00144 0	03506 1	07052 1	C' 03447 0
42,3370	03456 0	34714 1	54156 1	33451 1	54154 0	33452 1	56155 0	07256 1

OCTAL LISTING FOR PARAGRAPH J 234, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, "A" DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #1a (INTERPRETIVE OPERATOR WORDS) OR #cB (CONSTANTS)

43,2000	50154 1	02002 1	02124 1	02150 1	02240 0	02412 1	03203 0	03206 0
43,2010	02516 1	03100 0	02536 0	12527 1	02275 0	02275 0	03153 0	02275 0
43,2020	02576 1	02326 1	02637 1	02573 1	02502 1	02275 0	02303 0	02311 0
43,2030	02314 0	02321 0	02472 1	02367 1	03032 0	03175 1	02505 0	02037 1
43,2040	03722 0	03724 0	03726 1	03730 0	02706 1	02712 1	03013 0	03016 0
43,2050	02400 1	03004 0	02700 1	02703 1	02546 1	02553 0	02120 0	02565 0
43,2060	02632 1	03021 1	03025 0	02732 0	03140 1	02751 0	02360 0	02742 1
43,2070	03124 0	02120 0	13146 0	02275 0	02120 0	02275 0	11044 1	02120 0
43,2100	30100 0	72123 1	10000 0	02120 0	34112 1	55044 1	30002 0	54155 1
43,2110	44711 0	04170 0	02113 0	00155 0	04400 1	05423 1	34714 1	02105 1
43,2120	04400 1	04574 0	C' 21176 1	C' 24100 0	02136 1	02127 1	02120 0	02271 1
43,2130	04555 0	C' 16516 1	04555 0	C' 17516 0	02135 1	02121 1	44112 0	61002 1
43,2140	00006 1	12470 1	24002 0	62147 1	00006 1	12470 1	02120 0	C' 77670 0
43,2150	02136 1	02153 1	02175 0	02271 1	02076 1	32173 0	04555 0	C' 20465 1
43,2160	05423 1	12162 1	32174 1	04555 0	C' 20746 0	04555 0	C' 16602 1	04555 0
43,2170	C' 17516 0	05423 1	05423 1	C' 06226 1	C' 12200 0	31323 1	02272 1	02076 1
43,2200	34751 0	54003 0	11314 1	02210 0	02205 1	04400 1	05537 0	C' 00115 1
43,2210	11303 1	02217 1	02217 1	02217 1	05537 0	C' 00117 0	05423 1	32237 0
43,2220	04555 0	C' 20465 1	05423 1	02224 1	31773 0	55161 1	31775 0	55160 0
43,2230	32174 1	04555 0	C' 20746 0	34712 1	55303 1	05423 1	05423 1	C' 06134 1
43,2240	02271 1	02076 1	32267 0	04555 0	C' 20465 1	05423 1	02247 1	32270 0
43,2250	04555 0	C' 20746 0	04555 0	C' 17012 1	04555 0	C' 17516 0	05423 1	32266 1
43,2260	04555 0	C' 17125 1	04555 0	C' 17516 0	05423 1	05423 1	C' 02757 0	C' 06335 1
43,2270	C' 12400 0	31322 0	00006 1	16711 1	02120 0	04447 1	34215 0	00006 1
43,2300	01007 1	04574 0	C' 62001 1	00006 1	30033 1	53334 0	30034 0	55335 1
43,2310	02121 1	05447 0	C' 00006 1	02121 1	05435 0	C' 00006 1	05435 0	C' 00220 1
43,2320	02121 1	05435 0	C' 00006 1	05447 0	C' 00220 1	02121 1	02076 1	32357 1
43,2330	04555 0	C' 20465 1	05423 1	05423 1	42356 1	60154 1	00006 1	12341 1
43,2340	05423 1	00004 0	34714 1	54156 1	54001 1	52025 1	52155 1	53052 0
43,2350	20155 1	07226 0	52155 1	20025 1	00003 1	05423 1	C' 00027 1	C' 06230 0
43,2360	02715 0	02721 1	34675 1	05042 1	C' 02002 1	C' 66065 1	02121 1	05253 0
43,2370	C' 00002 0	02120 0	00004 0	34763 1	05042 1	C' 02000 0	C' 66065 1	02121 1

OCIAL LISTING FOR PARAGRAPH J 235, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, A" A DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #I# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

43,2400	05253 0	C' 00002 0	02120 0	34763 1	05042 1	C' 03738 0	C' 86085 1	05301 0
43,2410	C' 00174 0	02121 1	02715 0	32471 1	00008 1	02012 0	10000 0	12120 1
43,2420	02457 0	02076 1	44726 1	00008 1	03012 1	32173 0	04555 0	C' 20465 1
43,2430	12444 0	02432 0	34752 0	54003 0	04555 0	C' 42427 0	04555 0	C' 42446 1
43,2440	34711 1	05140 1	C' 02447 1	C' 66108 0	02457 0	15423 0	02121 1	00008 1
43,2450	31156 1	53477 0	31157 0	55500 1	04633 0	C' 42462 1	05213 1	34708 1
43,2460	70101 0	10000 0	00002 0	34706 1	00006 1	02030 0	10000 0	16706 1
43,2470	00002 0	C' 00030 1	02715 0	02076 1	00004 0	34677 0	05042 1	C' 03565 1
43,2500	C' 64104 0	05112 0	05447 0	C' 00020 0	02121 1	40102 0	74105 0	00008 1
43,2510	62120 0	34371 0	05027 1	C' 03446 1	C' 40108 1	02121 1	40102 0	74105 0
43,2520	00008 1	62523 1	02120 0	34752 0	54003 0	04574 0	C' 65521 1	02715 0
43,2530	02076 1	34676 1	05042 1	C' 02330 0	C' 56102 1	05112 0	40102 0	74105 0
43,2540	00008 1	62543 1	02120 0	02076 1	04555 0	C' 64000 0	02076 1	34756 1
43,2550	05103 0	04574 0	C' 46332 1	02076 1	00004 0	40105 1	74707 1	28105 1
43,2560	34754 0	05027 1	C' 03150 0	C' 72064 0	05112 0	02076 1	00004 0	44707 1
43,2570	70105 1	54105 1	02560 0	05447 0	C' 00025 0	02600 0	05435 0	C' 00025 0
43,2600	02076 1	30074 1	74704 1	00008 1	12627 1	30075 0	74706 0	00008 1
43,2610	12627 1	30075 0	74702 1	00008 1	12622 1	34763 1	05027 1	C' 02447 1
43,2620	C' 76087 1	05112 0	34763 1	05027 1	C' 02445 0	C' 76087 1	05112 0	05537 0
43,2630	C' 00406 0	05423 1	34753 1	56003 1	37718 0	55725 1	02121 1	34704 0
43,2640	70074 0	00008 1	12121 0	05447 0	C' 00010 0	34706 1	70075 1	00008 1
43,2650	12121 0	05447 0	C' 00031 0	05447 0	C' 00027 1	05447 0	C' 00007 0	34752 0
43,2660	54003 0	00004 0	04555 0	C' 45245 0	37718 0	55303 1	06008 1	I' 77624 1
43,2670	C' 27371 1	I' 77776 1	05261 1	C' 00002 0	C' 00001 0	00004 0	04574 0	C' 12641 1
43,2700	05447 0	C' 00026 0	12121 0	05435 0	C' 00026 0	12121 0	32711 1	54335 0
43,2710	02121 1	C' 03543 0	05435 0	C' 00125 1	02121 1	31011 0	00008 1	18711 1
43,2720	12120 1	00008 1	32731 0	53313 0	44105 0	70102 0	54102 0	00002 0
43,2730	C' 03143 1	C' 12106 0	02715 0	02076 1	00004 0	34676 1	05042 1	C' 03601 0
43,2740	C' 70064 1	15112 1	00004 0	44712 0	70101 0	54101 0	05447 0	C' 00066 1
43,2750	02121 1	02715 0	02076 1	34712 1	55376 0	34714 1	55362 0	33243 1
43,2760	55361 0	03520 0	23372 0	23373 1	33242 0	54156 1	32777 1	04555 0
43,2770	C' 20465 1	02774 1	03631 0	02764 0	33243 1	55371 1	05423 1	C' 01201 0



OCTAL LISTING FOR PARAGRAPH J 236, WITH PARITY BIT IN BINARY AT THE RIGHT OF EACH WORD, 'A' DENOTES UNUSED FIXED MEMORY

ALL VALID WORDS ARE BASIC INSTRUCTIONS EXCEPT THOSE MARKED #I# (INTERPRETIVE OPERATOR WORDS) OR #C# (CONSTANTS)

43,3000	31376 1	00008 1	13334 1	03520 0	02715 0	02076 1	34754 0	05042 1
43,3010	C' 03215 1	C' 82084 1	05112 0	05435 0	C' 00120 1	02121 1	05447 0	C' 00120 1
43,3020	02121 1	08008 1	I' 77414 0	C' 04466 1	02121 1	08008 1	I' 77414 0	C' 04666 0
43,3030	05520 0	02121 1	34876 1	05042 1	C' 03037 0	C' 66103 0	05112 0	06006 1
43,3040	I' 77624 1	C' 27371 1	I' 43014 0	C' 04064 1	C' 04303 0	C' 67050 0	I' 77614 1	C' 04264 0
43,3050	I' 77776 1	33076 0	05475 1	C' 01554 1	C' 01628 1	00003 1	06006 1	I' 77624 1
43,3060	C' 26662 1	I' 45154 0	C' 02150 1	C' 20237 0	I' 77624 1	C' 20283 1	I' 77776 1	I' 33077 1
43,3070	50120 1	54052 1	04574 0	C' 27406 0	I' 77634 0	C' 21176 1	C' 00051 0	C' 67074 0
43,3100	34676 1	05042 1	C' 03105 0	C' 66103 0	05112 0	08006 1	I' 77624 1	C' 27371 1
43,3110	I' 43014 0	C' 04063 0	C' 04304 1	C' 67116 0	I' 77614 1	C' 04263 1	I' 77776 1	C' 33076 0
43,3120	05475 1	C' 01628 1	C' 01554 1	13055 0	34700 1	70105 1	00006 1	12120 1
43,3130	05447 0	C' 00213 1	05253 0	C' 00027 1	02120 0	05301 0	C' 00112 0	02675 1
43,3140	02076 1	34756 1	05042 1	C' 02746 0	C' 10104 0	15112 1	05435 0	C' 00221 0
43,3150	34714 1	04574 0	C' 10010 1	05253 0	C' 00026 0	02120 0	33174 0	54003 0
43,3160	44756 0	71751 1	55751 1	31330 0	54021 0	30021 1	30021 1	74756 0
43,3170	40000 0	64754 0	27751 1	02121 1	C' 02751 0	02076 1	34754 0	05042 1
43,3200	C' 03574 1	C' 80105 0	05112 0	05435 0	C' 00177 0	12121 0	05447 0	C' 00177 0
43,3210	12121 0	00008 1	33227 0	00004 0	53313 0	34672 0	54030 0	40102 0
43,3220	74105 0	26102 0	04633 0	C' 42616 0	00003 1	02121 1	C' 02765 1	C' 46106 1
43,3230	C' 00061 0	C' 01373 1	C' 01461 0	C' 01773 0	C' 00060 1	C' 60017 1	C' 17777 0	C' 25252 0
43,3240	C' 52400 1	C' 76777 1	C' 01371 0	C' 03334 0	31360 0	00008 1	13255 1	00006 1
43,3250	31376 1	51377 0	52001 1	34714 1	55360 1	00004 0	30002 0	55357 0
43,3260	55363 1	25365 0	05541 1	C' 01102 0	11362 0	34714 1	55362 0	03334 0
43,3270	01357 1	10000 0	13244 1	13244 1	10000 0	13244 1	00002 0	00006 1
43,3300	23371 0	03330 1	11362 0	03310 0	03301 0	03310 0	25366 0	01371 0
43,3310	65630 1	00008 1	63314 1	03265 0	25366 0	64716 0	50000 1	03320 0
43,3320	01371 0	01371 0	01371 0	03335 1	03516 0	01371 0	01371 0	01371 0
43,3330	00006 1	23361 1	04574 0	C' 03231 1	03277 0	34712 1	55372 1	34714 1
43,3340	54003 0	33232 1	55377 1	34747 1	55373 0	03365 1	34744 1	55377 1
43,3350	34747 1	55373 0	03365 1	34744 1	55377 1	33233 0	55373 0	03365 1
43,3360	55372 1	33230 0	55377 1	33231 1	55373 0	00004 0	30003 1	55374 1
43,3370	00006 1	51377 0	30001 0	53376 0	31377 0	55360 1	54001 1	24001 0

OCCUPIED LOCATIONS	PAGE	OCCUPIED LOCATIONS	PAGE	OCCUPIED LOCATIONS	PAGE	OCCUPIED LOCATIONS	PAGE
4000 TO 4044	127	5355 TO 5362	1379	6672 TO 6715	1100	00,2500 TO 00,2537	1135
4045 TO 4071	128	5363 TO 5368	1381	6716 TO 6751	1101	00,2540 TO 00,2567	1136
4072 TO 4105	129	5369 TO 5375	1383	6752 TO 6753	1102	00,2570 TO 00,2607	1137
4106 TO 4111	190	5376 TO 5403	1385	6754 TO 7030	1103	00,2610 TO 00,2624	1138
4112 TO 4113	193	5404 TO 5407	1386	7031 TO 7037	1104	00,2625 TO 00,2641	1139
4114 TO 4137	215	5410 TO 5414	1388	7040 TO 7051	1105	00,2642 TO 00,2653	1140
4140 TO 4160	351	5415 TO 5434	1433	7052 TO 7104	1106	00,2654 TO 00,2720	1141
4161 TO 4167	358	5435 TO 5463	1454	7105 TO 7122	1107	00,2721 TO 00,2747	1142
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20,3713	TO 20,3714	28	22,2052	TO 22,2124	393	23,2053	TO 23,2115	282	24,2045	TO 24,2113	641
	21,2000	691	22,2125	TO 22,2177	394	23,2116	TO 23,2154	283	24,2114	TO 24,2167	642
21,2001	TO 21,2025	692	22,2200	TO 22,2280	395	23,2155	TO 23,2212	286	24,2170	TO 24,2234	643
21,2026	TO 21,2061	970	22,2261	TO 22,2303	396	23,2213	TO 23,2214	287	24,2235	TO 24,2277	644
21,2062	TO 21,2070	971	22,2304	TO 22,2360	397	23,2215	TO 23,2264	289	24,2300	TO 24,2353	645
21,2071	TO 21,2132	973	22,2361	TO 22,2427	398	23,2265	TO 23,2322	290	24,2354	TO 24,2407	646
21,2133	TO 21,2154	974	22,2430	TO 22,2511	399	23,2323	TO 23,2331	291	24,2410	TO 24,2453	647
21,2155	TO 21,2214	975	22,2512	TO 22,2544	400	23,2332	TO 23,2364	508	24,2454	TO 24,2501	648
21,2215	TO 21,2271	976	22,2545	TO 22,2623	401	23,2365	TO 23,2441	507	24,2502	TO 24,2520	649
21,2272	TO 21,2345	977	22,2624	TO 22,2654	402	23,2442	TO 23,2515	508	24,2521	TO 24,2536	650
21,2346	TO 21,2357	978	22,2655	TO 22,2724	403	23,2516	TO 23,2565	509	24,2537	TO 24,2604	651
21,2360	TO 21,2374	979	22,2725	TO 22,2735	404	23,2566	TO 23,2640	510	24,2605	TO 24,2653	652
21,2375	TO 21,2403	980	22,2736	TO 22,3002	405	23,2641	TO 23,2666	511	24,2654	TO 24,2715	653
21,2404	TO 21,2451	982	22,3003	TO 22,3026	406	23,2667	TO 23,2727	513	24,2716	TO 24,2762	654
21,2452	TO 21,2525	983	22,3027	TO 22,3073	407	23,2730	TO 23,2764	514	24,2763	TO 24,3034	655
21,2526	TO 21,2527	984	22,3074	TO 22,3146	408	23,2765	TO 23,3025	539	24,3035	TO 24,3112	656
21,2530	TO 21,2556	985	22,3147	TO 22,3224	409	23,3026	TO 23,3046	540	24,3113	TO 24,3170	657
21,2557	TO 21,2620	986	22,3225	TO 22,3231	410	23,3047	TO 23,3104	566		24,3171	658
21,2621	TO 21,2661	987	22,3232	TO 22,3300	411	23,3105	TO 23,3107	567	24,3172	TO 24,3236	659
21,2662	TO 21,2715	988	22,3301	TO 22,3307	412	23,3110	TO 23,3135	568	24,3237	TO 24,3243	660
21,2716	TO 21,2763	989	22,3310	TO 22,3337	488	23,3136	TO 23,3137	608	24,3244	TO 24,3310	661
21,2764	TO 21,3035	990	22,3340	TO 22,3353	489	23,3140	TO 23,3174	1323	24,3311	TO 24,3356	662
21,3036	TO 21,3057	991	22,3354	TO 22,3411	490	23,3175	TO 23,3210	1324	24,3357	TO 24,3424	663
21,3060	TO 21,3134	992	22,3412	TO 22,3421	491	23,3211	TO 23,3243	1325	24,3425	TO 24,3471	664
21,3135	TO 21,3205	993	22,3422	TO 22,3425	492	23,3244	TO 23,3310	1327	24,3472	TO 24,3511	665
21,3206	TO 21,3233	994	22,3426	TO 22,3434	673	23,3311	TO 23,3333	1328	24,3512	TO 24,3521	670
21,3234	TO 21,3277	996	22,3435	TO 22,3443	674	23,3334	TO 23,3373	1329	24,3522	TO 24,3577	671
21,3300	TO 21,3305	997	22,3444	TO 22,3501	1008	23,3374	TO 23,3425	1330	24,3600	TO 24,3661	672
21,3306	TO 21,3345	998	22,3502	TO 22,3504	1009	23,3426	TO 23,3431	1331	24,3662	TO 24,3676	673
21,3346	TO 21,3413	999	22,3505	TO 22,3541	1476	23,3432	TO 23,3445	1333	24,3677	TO 24,3702	691
21,3414	TO 21,3423	1000	22,3542	TO 22,3601	1477	23,3446	TO 23,3507	1334	24,3703	TO 24,3704	29
21,3424	TO 21,3502	1001	22,3602	TO 22,3606	1478	23,3510	TO 23,3540	1335	25,2000	TO 25,2023	793
21,3503	TO 21,3560	1002	22,3607	TO 22,3647	1479	23,3541	TO 23,3570	1336	25,2024	TO 25,2074	799
21,3561	TO 21,3635	1003	22,3650	TO 22,3654	1480	23,3571	TO 23,3610	1337	25,2075	TO 25,2114	800
21,3636	TO 21,3710	1004	22,3655	TO 22,3706	1481	23,3611	TO 23,3662	1338	25,2115	TO 25,2124	801

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25,2165 TO 25,2234	803	26,2387 TO 26,2405	748	27,2126 TO 27,2177	387	30,2344 TO 30,2425	591
25,2235 TO 25,2257	804	26,2406 TO 26,2427	749	27,2200 TO 27,2252	388	30,2426 TO 30,2507	592
25,2260 TO 25,2316	807	26,2430 TO 26,2431	750	27,2253 TO 27,2326	389	30,2510 TO 30,2571	593
25,2317 TO 25,2361	808	26,2432 TO 26,2437	751	27,2327	390	30,2572 TO 30,2653	594
25,2362 TO 25,2431	809	26,2440 TO 26,2472	752	27,2330 TO 27,2342	391	30,2654 TO 30,2735	595
25,2432 TO 25,2503	810	26,2473 TO 26,2476	753	27,2343 TO 27,2423	576	30,2736 TO 30,3017	596
25,2504 TO 25,2556	811	26,2477 TO 26,2525	754	27,2424 TO 27,2505	577	30,3020 TO 30,3101	597
25,2557 TO 25,2562	812	26,2526 TO 26,2527	755	27,2506 TO 27,2567	578	30,3102 TO 30,3163	598
25,2563 TO 25,2630	813	26,2530 TO 26,2542	756	27,2570 TO 27,2572	579	30,3164 TO 30,3244	599
25,2631 TO 25,2676	814	26,2543 TO 26,2547	757	27,2573 TO 27,2606	769	30,3245 TO 30,3325	600
25,2677 TO 25,2742	815	26,2550 TO 26,2620	758	27,2607 TO 27,2632	770	30,3326 TO 30,3400	601
25,2743 TO 25,3005	816	26,2621 TO 26,2647	759	27,2633 TO 27,2661	883	30,3401 TO 30,3462	602
25,3006 TO 25,3024	817	26,2650 TO 26,2706	762	27,2662 TO 27,2706	1300	30,3463 TO 30,3544	603
25,3025 TO 25,3071	818	26,2707 TO 26,2747	763	27,2707 TO 27,2747	1301	30,3545 TO 30,3626	604
25,3072 TO 25,3143	819	26,2750 TO 26,3016	764	27,2750 TO 27,2777	1344	30,3627 TO 30,3656	605
25,3144 TO 25,3212	820	26,3017 TO 26,3026	765	27,3000 TO 27,3016	1345	30,3657 TO 30,3712	606
25,3213 TO 25,3263	821	26,3027 TO 26,3044	766	27,3017 TO 27,3054	1347	30,3713 TO 30,3761	607
25,3264 TO 25,3304	822	26,3045 TO 26,3072	768	27,3055 TO 27,3123	1350	30,3762 TO 30,3775	608
25,3305 TO 25,3324	823	26,3073 TO 26,3134	805	27,3124 TO 27,3164	1351	30,3776 TO 30,3776	29
25,3325 TO 25,3367	824	26,3135 TO 26,3143	806	27,3165 TO 27,3234	1352	31,2000 TO 31,2006	500
25,3370 TO 25,3445	825	26,3144 TO 26,3170	833	27,3235 TO 27,3301	1353	31,2007 TO 31,2020	501
25,3446 TO 25,3517	826	26,3171 TO 26,3250	834	27,3302 TO 27,3324	1354	31,2021 TO 31,2047	610
25,3520 TO 25,3574	827	26,3251 TO 26,3320	835	27,3325 TO 27,3343	1355	31,2050 TO 31,2131	611
25,3575 TO 25,3604	828	26,3321 TO 26,3340	1175	27,3344 TO 27,3363	1356	31,2132 TO 31,2212	612
25,3605 TO 25,3630	829	26,3341 TO 26,3363	1213	27,3364 TO 27,3374	1468	31,2213 TO 31,2272	613
25,3631 TO 25,3677	830	26,3364 TO 26,3365	1214	27,3375 TO 27,3445	1469	31,2273 TO 31,2354	614
25,3700 TO 25,3746	831	26,3366 TO 26,3415	1215	27,3446 TO 27,3510	1470	31,2355 TO 31,2363	615
25,3747 TO 25,3763	832	26,3416 TO 26,3450	1216	27,3511 TO 27,3551	1471	31,2364 TO 31,2444	616
25,3764 TO 25,3765	833	26,3451 TO 26,3532	1217	27,3552 TO 27,3620	1472	31,2445 TO 31,2526	617
25,3766 TO 25,3767	29	26,3533 TO 26,3567	1218	27,3621 TO 27,3671	1473	31,2527 TO 31,2610	618
26,2000 TO 26,2053	732	26,3570 TO 26,3621	1219	27,3672 TO 27,3732	1474	31,2611 TO 31,2672	619
26,2054 TO 26,2107	733	26,3622 TO 26,3632	1220	27,3733 TO 27,3753	1475	31,2673 TO 31,2754	620
26,2110 TO 26,2117	740	26,3633 TO 26,3654	1221	27,3754 TO 27,3755	29	31,2755 TO 31,3036	621
26,2120 TO 26,2201	741	26,3655 TO 26,3713	1414	30,2000 TO 30,2051	555	31,3037 TO 31,3101	622
26,2202 TO 26,2216	742	26,3714 TO 26,3747	1415	30,2052 TO 30,2133	556	31,3102 TO 31,3112	630
26,2217 TO 26,2227	743	26,3750 TO 26,3773	1416	30,2134 TO 30,2172	557	31,3113 TO 31,3153	631
26,2230 TO 26,2300	744	26,3774 TO 26,3775	29	30,2173 TO 30,2244	558	31,3154 TO 31,3200	632
26,2301 TO 26,2313	745	27,2000 TO 27,2034	383	30,2245 TO 30,2254	559	31,3201 TO 31,3214	633
26,2314 TO 26,2335	746	27,2035 TO 27,2104	384	30,2255 TO 30,2265	589	31,3215 TO 31,3267	889

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32,3352	TO 32,3413	8881	32,328755	TO 32,3758	30	34,2341	TO 34,2355	523	35,3052	TO 35,3072	474
32,3414	TO 32,3475	8882	32,329000	TO 33,2203	485	34,2368	TO 34,2382	525	35,3073	TO 35,3105	475
32,3476	TO 32,3525	8883	32,329004	TO 33,2241	486	34,2413	TO 34,2427	526	35,3106	TO 35,3124	476
32,3526	TO 32,3537	8884	32,329242	TO 33,2121	487	34,2470	TO 34,2511	527	35,3125	TO 35,3147	477
32,3540	TO 32,3611	8885	32,329272	TO 33,2177	488	34,2512	TO 34,2553	528	35,3150	TO 35,3217	486
32,3612	TO 32,3673	8886	32,329290	TO 33,2269	489	34,2554	TO 34,2597	529	35,3220	TO 35,3301	487
32,3674	TO 32,3755	8887	32,329291	TO 33,2275	429	34,2640	TO 34,2721	530	35,3302	TO 35,3311	488
32,3756	TO 32,3785	8888	32,329276	TO 33,2351	421	34,2722	TO 34,2803	532	35,3312	TO 35,3381	489
32,3786	TO 32,3787	8889	32,329252	TO 33,2357	422	34,3004	TO 34,3225	533	35,3382	TO 35,3430	520
32,2000	TO 32,2006	4023	32,329270	TO 33,2428	423	34,3068	TO 34,3147	534	35,3431	TO 35,3453	549
32,2017	TO 32,2043	6584	32,329277	TO 33,2452	424	34,3150	TO 34,3224	535	35,3454	TO 35,3533	520
32,2044	TO 32,2120	6585	32,329253	TO 33,2517	427	34,3225	TO 34,3230	522	35,3534	TO 35,3543	521
32,2121	TO 32,2173	6586	32,329250	TO 33,2521	428	34,3231	TO 34,3355	523	35,3544	TO 35,3603	526
32,2174	TO 32,2254	6587	32,329222	TO 33,2567	429	34,3356	TO 34,3355	524	35,3604	TO 35,3615	527
32,2255	TO 32,2271	6588	32,329270	TO 33,2632	430	34,3356	TO 34,3433	525	35,3616	TO 35,3673	528
32,2272	TO 32,2310	6589	32,329233	TO 33,2678	431	34,3434	TO 34,3514	526	35,3674	TO 35,3725	529
32,2311	TO 32,2325	6590	32,329271	TO 33,2745	432	34,3515	TO 34,3577	527	35,3726	TO 35,3803	530
32,2326	TO 32,2407	6591	32,329246	TO 33,3023	433	34,3691	TO 34,3641	528	35,3755	TO 35,3764	535
32,2410	TO 32,2426	6592	32,329224	TO 33,3173	434	34,3691	TO 34,3641	528	35,3765	TO 35,3772	536
32,2427	TO 32,2445	6593	32,329274	TO 33,3133	435	34,3642	TO 34,3651	529	35,3773	TO 35,3774	537
32,2446	TO 32,2514	6594	32,329234	TO 33,3255	436	34,3652	TO 34,3725	530	35,2000	TO 35,2013	541
32,2515	TO 32,2574	6595	32,329206	TO 33,3265	437	34,3726	TO 34,3774	531	35,2014	TO 35,2075	542
32,2555	TO 32,2633	6596	32,329266	TO 33,3365	438	34,3775	TO 34,3776	532	35,2076	TO 35,2155	543
32,2634	TO 32,2715	6597	32,329246	TO 33,3416	439	35,2000	TO 35,2032	466	35,2156	TO 35,2235	544
32,2716	TO 32,2774	6598	32,329217	TO 33,3424	440	35,2033	TO 35,2113	467	35,2236	TO 35,2314	545
32,2775	TO 32,3050	6599	32,329225	TO 33,3476	442	35,2114	TO 35,2152	467	35,2315	TO 35,2375	546
32,3051	TO 32,3054	6600	32,329277	TO 33,3551	443	35,2153	TO 35,2211	468	35,2376	TO 35,2458	547
32,3055	TO 32,3120	6601	32,329252	TO 33,3624	444	35,2212	TO 35,2271	469	35,2457	TO 35,2501	548
32,3121	TO 32,3135	6602	32,329225	TO 33,3649	445	35,2272	TO 35,2353	472	35,2502	TO 35,2527	544
32,3136	TO 32,3201	6603	32,329241	TO 33,3713	446	35,2354	TO 35,2435	473	35,2530	TO 35,2511	545
32,3202	TO 32,3253	6604	32,329214	TO 33,3771	447	35,2436	TO 35,2517	474	35,2512	TO 35,2573	546
32,3254	TO 32,3335	6605	32,329272	TO 33,3773	30	35,2529	TO 35,2521	465	35,2574	TO 35,2755	547
32,3336	TO 32,3411	6606	32,329200	TO 34,2001	32	35,2522	TO 35,2533	466	35,2756	TO 35,3031	548
32,3412	TO 32,3467	6607	34,200202	TO 34,2025	525	35,2534	TO 35,2511	467	35,3032	TO 35,3113	549
32,3470	TO 32,3477	6608	34,200206	TO 34,2074	527	35,2612	TO 35,2616	462	35,3114	TO 35,3175	550
32,3500	TO 32,3522	6609	34,200205	TO 34,2154	528	35,2617	TO 35,2651	469	35,3176	TO 35,3246	551
32,3553	TO 32,3631	6610	34,215355	TO 34,2227	529	35,2662	TO 35,2666	470	35,3247	TO 35,3247	552
32,3632	TO 32,3700	6611	34,222230	TO 34,2273	530	35,2667	TO 35,2741	471	35,3250	TO 35,3267	1222
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36,3462	TO 36,3519	1226	37,3503	TO 37,3552	838	40,3732	TO 40,3736	625	42,2305	TO 42,2355	270
36,3511	TO 36,3572	1227	37,3553	TO 37,3557	839	40,3737	TO 40,3740	31	42,2356	TO 42,2411	271
36,3573	TO 36,3654	1228	37,3560	TO 37,3620	840	41,2000	TO 41,2033	318	42,2412	TO 42,2456	272
36,3655	TO 36,3736	1229	37,3621	TO 37,3685	841	41,2034	TO 41,2112	319	42,2457	TO 42,2535	273
36,3737	TO 36,3785	1230	37,3686	TO 37,3675	842	41,2113	TO 41,2167	320	42,2536	TO 42,2612	274
36,3766	TO 36,3767	31	37,3676	TO 37,3723	1230	41,2170	TO 41,2220	321	42,2613	TO 42,2674	275
	37,2280	33	37,3724	TO 37,3757	1231	41,2221	TO 41,2264	322	42,2675	TO 42,2756	276
37,2001	TO 37,2045	459	37,3758	TO 37,3761	31	41,2265	TO 41,2342	323	42,2757	TO 42,3040	277
37,2046	TO 37,2132	451	40,2200	TO 40,2050	310	41,2343	TO 41,2351	324	42,3041	TO 42,3115	278
37,2193	TO 37,2197	533	40,2051	TO 40,2116	311	41,2352	TO 41,2427	326	42,3116	TO 42,3142	279
37,2110	TO 37,2159	534	40,2117	TO 40,2177	312	41,2430	TO 41,2474	327	42,3143	TO 42,3213	333
37,2161	TO 37,2226	535	40,2220	TO 40,2251	313	41,2475	TO 41,2547	328	42,3214	TO 42,3272	334
37,2207	TO 37,2217	532	40,2252	TO 40,2324	314	41,2550	TO 41,2611	329	42,3273	TO 42,3347	335
37,2220	TO 37,2300	553	40,2325	TO 40,2367	315	41,2612	TO 41,2652	337	42,3350	TO 42,3364	336
37,2301	TO 37,2332	554	40,2368	TO 40,2443	316	41,2653	TO 41,2732	338	42,3365	TO 42,3421	346
37,2333	TO 37,2352	557	40,2444	TO 40,2515	317	41,2733	TO 41,3006	339	42,3422	TO 42,3477	347
37,2353	TO 37,2357	558	40,2516	TO 40,2564	330	41,3007	TO 41,3061	340	42,3500	TO 42,3520	348
37,2360	TO 37,2432	560	40,2565	TO 40,2626	331	41,3062	TO 41,3133	341	42,3521	TO 42,3564	690
37,2403	TO 37,2444	561	40,2627	TO 40,2674	332	41,3134	TO 41,3203	342	42,3565	TO 42,3637	887
37,2445	TO 37,2462	562	40,2675	TO 40,2713	336	41,3204	TO 41,3217	343	42,3640	TO 42,3704	888
37,2463	TO 37,2535	563	40,2714	TO 40,2743	343	41,3220	TO 41,3244	349	42,3705	TO 42,3706	31
37,2536	TO 37,2537	564	40,2744	TO 40,3014	344	41,3245	TO 41,3316	350	43,2000	TO 43,2045	230
37,2560	TO 37,2633	565	40,3015	TO 40,3065	345	41,3317	TO 41,3340	351	43,2046	TO 43,2115	231
37,2604	TO 37,2637	576	40,3066	TO 40,3102	346	41,3341	TO 41,3352	352	43,2116	TO 43,2123	232
37,2610	TO 37,2646	577	40,3103	TO 40,3152	353	41,3353	TO 41,3403	355	43,2124	TO 43,2147	233
37,2647	TO 37,2715	578	40,3153	TO 40,3210	354	41,3404	TO 41,3417	356	43,2150	TO 43,2161	234
37,2716	TO 37,2763	579	40,3211	TO 40,3224	355	41,3420	TO 41,3455	359	43,2162	TO 43,2174	235
37,2764	TO 37,2786	580	40,3225	TO 40,3247	356	41,3456	TO 41,3505	360	43,2175	TO 43,2237	236
37,2767	TO 37,3026	581	40,3250	TO 40,3317	357	41,3506	TO 41,3562	365	43,2240	TO 43,2271	237
37,3007	TO 37,3051	582	40,3320	TO 40,3342	358	41,3563	TO 41,3602	366	43,2272	TO 43,2323	238
37,3052	TO 37,3129	583	40,3343	TO 40,3350	360	41,3603	TO 41,3645	379	43,2324	TO 43,2325	239
37,3121	TO 37,3149	584	40,3351	TO 40,3361	361	41,3646	TO 41,3714	380	43,2326	TO 43,2357	240
37,3141	TO 37,3156	585	40,3362	TO 40,3405	362	41,3715	TO 41,3716	31	43,2360	TO 43,2402	241
37,3157	TO 37,3165	586	40,3406	TO 40,3434	369	42,2000	TO 42,2022	247	43,2403	TO 43,2411	242
37,3166	TO 37,3225	587	40,3435	TO 40,3475	370	42,2023	TO 42,2061	248	43,2412	TO 43,2446	243
37,3226	TO 37,3255	588	40,3476	TO 40,3503	371	42,2062	TO 42,2117	265	43,2447	TO 43,2504	244
37,3256	TO 37,3315	589	40,3504	TO 40,3551	381	42,2120	TO 42,2166	266	43,2505	TO 43,2526	245
37,3316	TO 37,3372	590	40,3552	TO 40,3573	382	42,2167	TO 42,2220	267	43,2527	TO 43,2535	246



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THE SUBROUTINES IN THIS PROGRAM ARE AS FOLLOWS'

KILERASE .080
KOLADE .059
SMOCH .007
PANDORA .080
DAPCSM .195
SATRAP .007





