

JOB NO. 024167 UNIVERSITY OF MICHIGAN TERMINAL SYSTEM (MODEL PR220)

13:55.42 06-23-70

\$SIGNON OCRL T=4.0M C=600 P=150

MMMM	MMMM	TTTTTTTTTTTTTTTTTTTTTTTTTTTT	SSSSSSSS
MMMMMM	MMMMMM	TTTTTTTTTTTTTTTTTTTTTTTTTTTT	SSSSSSSSSSSS
MMMMMM	MMMMMM	TTTTTTTTTTTTTTTTTTTTTTTTTTTT	SSSSSSSSSSSSSSSS
MMMMMMMM	MMMMMMMM	TTTTT	SSSSSS SSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSS SSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMMMMMM	MMMMMMMMMM	TTTTT	SSSSSSSSSSSSSS

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\$SIGNEN OORL T=4.0M C=600 F=150
**LAST SIGNEN WAS: 17:04.14 05-21-70
USER "OORL" SIGNED ON AT 13:55.45 ON 06-23-70
\$RUN *MOUNT;PAR=G681 CN 7TP,PNAME=*DT*,MODE=20F,SIZE=30100,'DDATA',RING OUT
EXECUTION BEGINS
G681 CN 7TP,PNAME=*DT*,MODE=20F,SIZE=30100,'DDATA',RING OUT

DT: MOUNTED ON TCC1
EXECUTION TERMINATED

Exp 76
SS = 227
AR Fr = 5%
Flow = 70

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\$RUN PRG3+*SOURCE* *SINK*; 2=*DT* 5=*SOURCE* 6=*SINK* 4=*PUNCH* 7=STORG

ENTRY = 5030CC SIZE = 027AA8

NAME	VALUE	T	RF	NAME	VALUE	T	RF	NAME	VALUE	T	RF
GETSPACE	20DD9E	*		FREESPAC	20EC9E	*		ERROR#	2157F6	*	
MTS#	215812	*		CANREPLY	217F32	*		GDINFO	217F86	*	
SETIDERR	2181B4	*		PCINT	2184FC	*		SCARDS#	218B34	*	
SPRINT#	218846	*		SPRINT	218B46	*		SPUNCH#	218B58	*	
SERCCM#	218B6A	*		READ#	218BE8	*		READ	218BE8	*	
WRITE#	218CC4	*		WRITE	218C04	*		LCSYMBOL	2197D0	*	
CCRCT	5000C8	5000D8	PGSTAP	50024C	5000D8			REWIND#	500310	*500310	
IHCSLOG	5004A0	*5004A0	ALUG	5004BC	*			MAIN	503000	503000	
FIACS#	5272B0	*5272B0	IBCCM#	5280CC	*528000			ADCUN#	52A000	*52A000	
FCVZO	52A154	*	FCVAD	52A1FA	*			FCVLU	52A282	*	
FCVID	52A5A8	*	FCVEC	52AA9A	*			FCVCO	52ACAC	*	

EXECUTION BEGINS

0100	0000	0000	03AF	03BF	03C1	03BF	03BE	03AD	03AB	03CE	03E2	03CB	03C7	03C7	03CF	03CA	03C4	03B2	03AB	03BA	03CC	03C5	03B8	03A7
039C	038F	03A1	03BF	03C6	03B1	03AF	03B3	03B7	03C1	03A9	0392	03A4	03AE	03A8	03AF	03A6	0394	03A6	03C7	03CA	03BC	03BC	03C1	03BF
0	0	0	30006	951	1	0	0.0	0.1000E 05																
0200	0000	0000	03B4	03CE	03DE	03CA	03C5	03CC	03DC	03CF	03BB	03B8	03B7	03B9	03CA	03BC	03A6	03A6	03BB	03CF	03CE	03D3	03CF	03CB
03A6	039A	03A7	03B4	03AE	03A6	0393	039E	03B7	03B9	03B8	03B7	03AE	03BE	03C7	03B0	03A0	03A6	03A9	03B3	03B7	03A7	0397	03A1	03C0
0	0	0	30006	946	2	0	0.0	0.1000E 05																
0300	0000	0000	03AE	03B4	03BF	03B4	039E	03A3	03C0	03CF	03C6	03C4	03C7	03BC	03C2	03C6	039F	03BF	03A7	03A7	03A2	03A3	03A0	039B
03B2	03C3	03C9	03C0	03BD	03D5	03C7	03A0	03A7	03A3	039C	03B8	03BD	039D	038F	03AB	03BF	03BB	03C3	03B6	03B0	03C9	03C5	03A3	039B
0	0	0	30006	949	3	0	0.0	0.1000E 05																
0400	0000	0000	03B7	03B3	03BA	03BF	03BF	03B5	03A4	03A6	03B0	03B8	03B7	03AC	039F	03A4	03CB	03DC	03CD	03CA	03D0	03C9	03C6	03C3
02DE	02B3	02A4	02D3	02D7	02B8	02BF	02BD	02A8	02CF	02EE	02D4	02E5	02EA	02DC	02E3	02D7	02B4	02BC	02C7	02C8	02CF	02C1	02AF	02BC
9	2888	30006	951	4	409	0.4290E 03	0.2330E 03																	
0500	0000	0000	02C9	02C7	02C9	02CE	02B0	02A9	02C1	02D0	02D1	02D7	02C9	02C1	02DD	02D3	02BC	02B3	02B7	02B7	02BF	02C1	02A6	029C
01E7	01F3	0200	0210	0212	020A	020C	0220	022B	020F	01F3	01FB	0208	0204	0209	0204	01EF	01FF	021F	021B	020B	020B	020F	0217	0211
37	2888	30006	955	5	59	0.5120E 03	0.2140E 03																	
0600	0000	0000	020C	021E	0207	0208	0212	020C	0206	01FC	01EA	01F7	0200	0204	0207	01EF	01DF	01FF	020E	0215	0213	020F	0219	0216
03BF	03C4	03B4	03AA	03AC	03B0	03B8	03B4	03A7	039A	03B9	03D4	03CF	03C7	03D4	03D3	03CB	03CF	03BC	03A8	03B7	03BF	03C4	03BF	039C
100	2888	30006	954	6	0	0.5550E 03	0.2120E 03																	
0700	0000	0000	027F	0267	0275	0285	0287	027E	026E	0261	027F	0294	0287	0280	0287	028C	0293	0297	027C	026C	0282	0289	0281	028C
024C	0232	0249	0266	0267	0268	025D	0268	0277	025F	0253	0241	0243	025C	025E	0247	0240	023C	0255	0269	0263	0261	0260	0276	0271
153	2888	30006	952	7	139	0.5550E 03	0.2120E 03																	
0800	0000	0000	03A4	03C2	03C1	03B4	03BF	03D2	03CD	03CA	03C4	03AF	03AB	03BC	03C0	03B7	03AB	0395	03B7	03D7	03CA	03C4	03C8	03C6
03CD	03BF	03AC	03AE	03B7	03C1	03C7	03BF	03A7	03A9	03CA	03D6	03D6	03CF	03C7	03CD	03D2	03BC	03A4	03A6	03AF	03BA	03C0	03AE	0394
191	2888	30006	953	8	0	0.5550E 03	0.2120E 03																	
0900	0000	0000	0191	0115	010C	01BC	0292	0323	0356	0367	0396	03B9	03B1	03B8	03C3	03BE	03C0	03C7	03AA	0399	03AC	03B4	03B4	03AF
0270	024F	0256	0278	0286	027B	0268	0276	0280	027F	0267	0256	025A	0264	026F	0273	0267	025C	0266	027F	028F	028F	027E	0286	029B
226	2888	30006	954	9	80	0.5550E 03	0.2120E 03																	
00C1	0000	0000	0397	03B2	03CA	03C5	03BF	03C0	03C6	03CA	03BE	039F	039E	03AC	03AB	03B2	03B0	039C	03A2	03C6	03C9	03BE	03C0	03BA
0262	0260	024F	022C	0216	021A	0222	021F	0213	01F6	01F1	01FE	01D5	0186	012F	0146	01DB	0296	031F	0354	037C	039C	03A2	03A0	039B
280	2888	30006	949	10	0	0.5550E 03	0.2120E 03																	
0101	0000	0000	03BE	03A5	0394	03A3	03AF	03A4	03A0	038F	0393	03BC	03BF	03B3	03BF	03BF	03BD	03C2	03B6	0397	0397	03AC	03AB	03A7
0391	038F	03AC	03C7	03BE	03B3	03BA	03B8	03BE	03BB	039F	039F	03AF	03B3	03B6	03B7	039C	039A	03BC	03CB	03BE	03BE	03C0	03BE	03BC
337	2888	30006	945	11	0	0.5590E 03	0.2120E 03																	
02C1	0000	0000	03B2	03C6	03BE	03B5	03B6	03B9	03BE	03B4	03A3	03A0	03AD	03AE	03B0	03AC	0392	03A1	03BE	03C1	03C6	03BE	03BF	03C2
03AC	0397	039B	03A9	03AF	03A5	039B	038F	0399	03B4	03B9	03A8	03AB	03AD	03B1	03B4	03AB	039E	0396	03A0	039D	0397	0399	0381	0394

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400	2888	30006	943	12	0	0.5590E 03	0.2120E 03	0301	0000	0000	0393	0397	03A2	03A3	0394	C384	038E	03AF	03BE	03B4	03B6	03B7	03B8	03BC	03AB	0396	039A	03A2	03A7	03A6	0393	0387
468	2888	30006	941	13	0	0.5590E 03	0.2120E 03	03BA	03BB	03AE	03AC	03C0	03C6	03B7	03A6	C399	039E	03B5	03BD	03AD	039C	039B	03AE	03C0	03BB	03AF	03AF	03B8	03BE	03B2	039F	0397
551	2888	30006	934	14	0	0.5740E 03	0.2120E 03	04C1	0000	0000	03AC	03A7	03B2	03B2	03AF	C39C	0391	0396	039C	03A0	039A	0387	038A	03AC	03C3	03BB	03B2	03B1	03B6	03B3	03AF	03A0
634	2888	30006	936	15	0	0.5740E 03	0.2120E 03	0501	0000	0000	0393	038B	03AA	03B7	03BC	C3B6	03BA	03B9	03C3	03B9	03A8	0394	039C	03A3	03A6	039F	038F	038F	03A7	03BB	03B5	03B6
695	2888	30006	935	16	0	0.5740E 03	0.2120E 03	06C1	0000	0000	0170	0167	0187	019B	C1AC	C1B6	C1D6	01F5	01ED	01F1	01F7	0203	0213	020C	01FD	01E7	01FF	0206	020F	0203	01EA	01EB
764	2888	30006	935	17	14	0.5740E 03	0.2120E 03	07C1	0000	0000	03A7	03A7	0394	038A	03BF	C39F	03A3	0398	038B	0391	03A9	03BF	03B0	03A9	03AC	03AE	03B0	039E	038B	0387	0397	03AF
810	2888	30006	933	18	0	0.5740E 03	0.2120E 03	08C1	0000	0000	03BA	03B5	03B4	03AF	03B9	C3B9	03A4	0396	039F	03A9	03B1	03AB	0396	038F	03A9	03C4	03C0	03B4	03BB	03BA	03BB	03B7
861	2888	30006	935	20	0	0.5740E 03	0.2100E 03	0901	0000	0000	0377	038B	03AA	03A9	039A	C397	0393	039C	0397	0382	0376	037C	038C	038D	038E	037E	0370	038C	039B	039A	0397	0394
877	2888	30006	933	21	41	0.5740E 03	0.2100E 03	0002	0000	0000	0390	03AF	03B7	03B6	C3AC	03B1	03AF	03B7	03AE	039C	03A0	03AD	03B2	03B5	03A9	0393	03A1	03B6	03C4	03B7	03B9	03B4
917	2888	30006	93C	22	0	0.5740E 03	0.2100E 03	0102	0000	0000	03B4	03A8	0397	0394	03AA	C3B4	03B1	03B0	03B4	03BF	03BC	03AE	0393	039C	03A6	03B0	03AF	039E	038F	0399	03B7	03BF
957	2888	30006	932	23	0	0.6820E 03	0.2100E 03	02C2	0000	0000	02BE	02CF	02EB	02D6	02C5	C2AF	02B7	02D4	02DF	02D7	02D2	02D9	02DB	02D3	02BF	02B3	02BF	02CB	02CF	02CE	02BC	02AF
991	2888	30006	931	24	0	0.6820E 03	0.2100E 03	0302	0000	0000	03AB	03A4	0397	0393	03A6	C3A7	03AE	039C	0387	0393	03AE	03B1	03AF	03AB	03AC	03B0	03B3	039E	0383	038E	0398	03A0
1020	2888	30006	933	25	0	0.6820E 03	0.2100E 03	0402	0000	0000	03B4	03B7	03BB	03BF	03BC	C3A0	039F	03B4	03BB	03B6	03A4	0393	03A0	03B9	03BE	03B0	03AE	03AA	03AE	03AC	039B	038D
1074	2888	30006	931	26	0	0.6820E 03	0.2100E 03	0502	0000	0000	0389	0397	0388	03B4	03B1	03AF	03B1	03B7	03B7	039D	0393	039F	03AF	03B4	03B0	0397	0387	03A1	03BB	03BE	03B6	03B4
1106	2888	30006	937	27	0	0.6820E 03	0.2100E 03	06C2	0000	0000	0306	035F	038E	0394	038E	C39A	03B5	03BB	03A6	03A6	03A8	03A7	03AF	039D	0393	0392	C39F	03A6	03A4	0399	0385	039C
1151	2888	30006	938	28	0	0.6820E 03	0.2100E 03	0702	0000	0000	0295	02E7	027A	026C	0281	C28A	028C	0285	026D	026F	0287	02A0	0294	0291	028C	0292	029A	0280	0273	026F	0279	0283
1198	2888	30006	939	29	182	0.6820E 03	0.2100E 03	0802	0000	0000	0230	023A	0248	025B	026D	C269	0251	0247	024F	025C	025D	025F	0247	0250	0260	0277	0274	026E	0278	027E	0280	0274
1253	2888	30006	942	30	0	0.6820E 03	0.2100E 03	0902	0000	0000	03A6	039F	03B6	03BF	03B1	03AF	03B3	03BA	03BC	03AF	03A2	039F	03AF	03B6	03B4	03A7	039C	03A3	03C1	03CC	03C7	03C6
1320	2888	30006	942	31	0	0.6820E 03	0.2100E 03	0003	0000	0000	03A2	03AF	03B7	03AE	039F	C393	03AB	03BE	03B1	03AF	03B6	03BC	03C1	03C1	03A7	03A6	03A8	03B5	03B6	03A7	0398	0398
1320	2888	30006	942	31	0	0.6820E 03	0.2100E 03	03A1	03A7	03AE	03B0	03AC	0393	038D	039D	03AA	03B7	03A7	0398	039D	0388	03B9	03B5	03B7	03C3	03BF	03BC	03B4	039C	03A0	03AE	03B3
1320	2888	30006	942	31	0	0.6820E 03	0.2100E 03	01C3	0000	0000	03BC	03C2	03AE	03A3	03A9	C3B4	03B8	03B3	03A6	0396	039F	03BE	03B6	03B6	03B2	03BA	03BC	03B7	03AA	0393	0397	03A6
1320	2888	30006	942	31	0	0.6820E 03	0.2100E 03	0394	0388	0397	03B5	03C2	03B8	03BE	03B7	03BF	03B7	03A7	0396	0391	03A0	039F	039C	038F	037C	0386	03AF	03B0	03AC	03AF	03AE	03B3
1320	2888	30006	942	31	0	0.6820E 03	0.2100E 03	0203	0000	0000	01D6	01F6	01FF	01FF	0204	C21A	C227	022F	022F	0221	0227	0237	023C	023A	0231	0212	021F	0236	0233	0233	0233	023B
1320	2888	30006	942	31	0	0.6820E 03	0.2100E 03	03C1	03B4	03B7	03C7	C3CC	03C4	03B3	03AE	C3BC	03CE	03CB	03C8	03C7	03CC	03DB	03CE	03BE	03B0	03BB	03C4	03CB	03C7	03AF	03AB	03C0

1385	2888	30006	942	32	0	0.6820E 03	C.2100E 03	
03C3 0000 0000	03A2 03B8 03C0	03BC 03A7 03D0	03A8 03C1 03BF	03B8 03BB 03C4	03CA 03CB 03B4	03AA 03AE 03BF	03C7 03C2 03AC	039C
03BC 03C0 03CC	03BD 03A7 03A3	03AE 03B4 03B5	03AF 039B 039E	03B3 03BF 03B7	03B5 03BC 03BF	03C1 03B4 03A2	03A7 03B7	03B4 03AE
1464	2888	30006	941	33	0	0.6820E 03	C.2100E 03	
04C3 0000 0000	03C6 03BF 03A6	03A7 03AE	03B7 03B7	03B6 039F	0397 03B9 03BF	03BC 03B9	03C3 03C2	03C7 03BE
039B 03B7 03C2	03B7 03B4 03B7	03C2 03C1	03B3 03A0	03A7 03AF	03B3 03AF	03A1 0393	03A4 03BC	03BF 03B7
1566	2888	30006	940	34	0	0.6820E 03	C.2100E 03	
0503 0000 0000	03CF 03C6 03BD	03BF 03BF	03C3 03B4	03A7 03A3	03B1 03B3	03B4 03A7	039B 03B0	03D9 03DF
03AD 03A8 03AC	0394 03B8 03A0	03BC 03C7	03BD 03BA	03BE 03BD	03BF 03A9	0397 03A2	03AB 03A7	03A6 0393
1650	2888	30006	946	35	0	0.6820E 03	C.2100E 03	
06C3 0000 0000	0227 02CE 0204	0213 0229	C232 0224	022A 022E	0234 0235	0223 020F	0220 022B	022B 0225
03B6 03BF 03B7	03C2 03C7 039E	0337 02A4	01F1 0157	0124 0125	013E 0164	0194 01BF	01E3 01E5	01E0 01E4
1729	2888	30006	550	36	19	0.6980E 03	C.2100E 03	
07C3 0000 0000	039D 0397 03AC	03A6 03A1	039B 0386	0389 03A8	03AB 03A2	03A3 03A4	03A9 03AD	03A1 0395
02A3 031D 034F	0383 039C 03B2	03AA 03A5	03AE 03B7	03BF 038B	02CB 022D	0247 0295	02B3 02CE	02D7 02E6
1858	2888	30006	949	37	13	0.6980E 03	C.2100E 03	
08C3 0000 0000	03C1 03C6 03C2	03C6 03BC	C3A4 03A8	03B2 03AF	03AF 0398	038F 03A6	03BF 03BB	03BB 03BA
03AB 0399 0398	0382 03C9 03C9	03BF 03BF	03BF 03C7	03C2 03AD	03A6 03AE	03B8 03B9	03B2 03A4	03A7 03C4
1952	2888	30006	554	38	0	0.6980E 03	C.2100E 03	

991 C.98666E-03

.4880E C20.1079E C30.4880E C20.4726E C50.2868E C30.1434E C30.2440E C20.7968E C10.2996E C10.4973E C00.2486E C00
2888 C.284949E C1 C.197333E-01 C.977786E C0 0.698000E C3 C.210000E C3
1952 C.251876E C0 0.232986E C0 0.454366E C0 0.917483E-01 0.823585E-01
20 C.386240E C0 0.178533E C0 0.917649E-01 0.396513E-01 0.176791E C3

0.C461732	0.0651022	0.0982855	C.2C69365	0.1782192	0.0789754	0.0951366	0.0258210	0.0005022	0.0002400
0.C105862	0.0125562	C.(130528	C.0342588	0.0167862	0.0071319	0.0071765	0.0018248	0.0	0.0
0.0111722	0.0035604	C.0073998	C.011680C	C.CC45649	0.0	0.0043026	0.0	0.0	0.0
0.0	0.0	0.0061720	C.0104802	0.0054633	0.0	0.0	0.0063283	0.0	0.0
0.0	0.0	C.C	0.0073942	C.0065962	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	C.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	C.C	0.0	C.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	C.C	C.C	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0161165	C.C	0.0	0.0	0.0	0.0	0.0
0.0009375	0.0042803	0.0089511	0.0111164	C.C132760	0.0062613	0.0045649	0.0005804	0.0005022	0.0002400
0.0011886	0.0109266	0.0172940	0.0215185	0.0334775	0.0147270	0.0196936	0.0050838	0.0	0.0
0.0027624	0.0217194	0.0169369	0.0468317	0.0476129	0.0226346	0.0285890	0.0083819	0.0	0.0
0.0153185	0.0151399	0.0219426	0.0537961	0.0474902	0.0150060	0.0221323	0.0036273	0.0	0.0
0.0173331	0.0116465	0.0214236	0.0577862	0.0263623	0.0172717	0.0141466	0.0018025	0.0	0.0
0.0159435	0.0087837	0.0193476	0.0395770	0.0217696	0.0071096	0.0078295	0.0081699	0.0	0.0
0.0068473	0.0087223	0.0054466	0.0140238	0.0050169	0.0030972	0.0053573	0.0	0.0	0.0
0.0076007	0.0	0.0073998	0.0187059	C.C100282	0.0	0.0043026	0.0	0.0	0.0
0.0	0.0	0.0061720	0.0073942	C.CC65962	0.0	0.0	0.0063283	0.0	0.0
0.0	0.0	0.0	0.0161165	C.C	0.0	0.0	0.0	0.0	0.0
0.0507101	0.0	0.0	C.0	C.0	0.0	0.0	0.0	0.0	0.0
0.1239097	0.0	0.0	C.0	C.0	0.0	0.0	0.0	0.0	0.0
0.1954686	0.0	0.0	C.0	C.0	0.0	0.0	0.0	0.0	0.0
0.1936940	0.0007589	0.0	C.0	C.0	0.0	0.0	0.0	0.0	0.0
0.1392003	0.0285722	0.0	0.0	C.0	0.0	0.0	0.0	0.0	0.0
0.0534278	0.0629091	C.C121934	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0120093	0.0188454	C.C092023	0.0084545	C.C	0.0	0.0	0.0	0.0	0.0
0.0076007	0.0073998	C.C082257	0.0150451	C.CC97659	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0061720	C.0	C.0	0.0139903	0.0	0.0	0.0063283	0.0
0.0	0.0	C.C	C.0	C.0	0.0	0.0	0.0	0.0	0.0161165
0.6139457	0.1814504	C.C771673	0.0262061	C.0338123	0.0088674	0.0159435	0.0125003	0.0065962	0.0073942
0.0	0.0	C.C	0.0	C.0	0.0	0.0	0.0	0.0	0.0161165
0.0211390	0.0295711	0.0517983	0.0721114	C.C808504	0.1146181	0.1043332	0.0901197	0.1001869	0.0675856
0.0630821	0.0654482	0.0224671	0.0260443	0.0320935	0.0159435	0.0264907	0.0	0.0	0.0161165
0.0216301	0.0463015	0.0350177	0.0462011	C.0597896	0.0651246	0.1171238	0.1697424	0.1295013	0.0821284

176
1952



0.0476799	0.0384274	C.C557047	C.C05C9110	C.C0307542	0.0032200	0.0003683	0.0001339	0.0	0.0002400
0.0163397	0.0475181	0.0567538	C.1180836	C.1312983	0.0540361	0.0711794	0.0162002	0.0005022	0.0002400
0.0212004	0.0161946	0.0271213	0.C716426	C.C369207	0.0205474	0.0179469	0.0032758	0.0	0.0
0.0159435	0.0067971	C.C199571	0.0262284	0.C137169	0.0062223	0.0078295	0.0081699	0.0	0.0
0.0	0.0044198	0.C020536	0.0191579	C.C104969	0.0022043	0.0023550	0.0	0.0	0.0
0.0	0.0027289	0.0054466	0.0029074	0.C025726	0.0030972	0.0030023	0.0	0.0	0.0
0.0105639	0.0035604	C.C036608	0.CC66296	C.C	0.0	0.0	0.0	0.0	0.0
0.C038840	0.0	0.C037389	0.CC82257	C.C	0.0	0.0043026	0.0	0.0	0.0
0.0	0.0	C.C	0.0	C.C045649	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.C	0.0104802	C.C054633	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.C061720	0.0235107	0.C065962	0.0	0.0	0.0063283	0.0	0.0

1952 0.284949E 01 0.197333E-01 0.251876E 00 0.232986E 00 0.917483E-01
 1952 0.210000E 03 0.698000E 03 0.986666E-03 0.179195E 06 0.176791E 03

372	378	381	386	394	394	395	401	403	422
436	438	461	485	489	491	521	538	555	569
587	619	638	640	656	666	670	696	737	737
771	818	887	979	991	1106	1134	1182	1325	2888

888	373	818	422	461	429	327	233	267	347	372	365	485	349	183	393	226	404	587	235
331	346	368	344	273	378	269	257	206	267	233	214	991	392	177	363	491	329	212	359
538	512	403	378	438	420	327	332	322	222	53	411	670	312	147	391	249	265	381	423
340	240	312	376	170	336	29	351	76	435	737	371	73	431	206	452	237	379	217	371
162	383	114	531	51	400	696	251	77	411	192	440	299	422	215	232	61	444	214	418
203	401	127	360	187	537	68	425	83	530	31	369	137	432	157	347	168	387	158	363
100	394	47	398	111	364	102	340	73	538	107	247	83	413	42	521	638	298	58	436
208	393	75	287	57	378	148	234	53	538	71	332	205	441	57	411	43	555	228	504
33	250	97	385	53	496	640	236	66	514	51	545	59	546	112	484	108	274	105	409
133	407	194	364	39	409	243	212	55	469	119	383	97	370	78	488	144	272	31	379
202	318	91	392	113	549	55	403	299	492	278	370	171	399	75	394	62	294	26	333
343	393	82	437	151	237	136	544	221	354	242	341	117	413	170	417	34	307	177	371
171	351	42	284	176	521	209	397	74	393	56	380	200	386	86	448	65	412	263	339
136	395	163	340	111	359	81	404	133	424	275	309	114	258	253	526	263	425	132	376
666	233	74	405	183	463	135	382	55	457	32	547	176	307	177	370	86	325	131	407
114	401	78	400	73	413	139	355	279	524	57	371	131	235	37	511	22	321	42	379
20	344	49	544	214	371	321	271	24	280	165	239	162	396	116	386	143	294	98	513
210	378	82	380	110	403	151	527	128	364	89	476	42	326	165	444	249	426	245	341
210	336	31	424	91	365	178	438	293	513	110	408	120	388	152	334	143	450	71	456
60	276	31	402	38	432	61	481	53	264	35	476	96	349	85	449	216	527	74	425
109	318	61	536	215	421	201	379	253	388	148	379	130	393	88	460	57	526	45	358
105	282	69	488	68	484	128	274	57	545	186	446	252	479	245	447	75	277	102	301
134	293	183	462	81	542	46	425	35	441	75	404	80	341	30	400	169	397	261	403
94	394	113	397	57	367	25	421	146	245	27	376	78	450	47	333	77	529	63	366
157	500	42	452	83	363	188	326	160	245	229	391	77	384	45	545	130	466	80	524
121	420	159	407	163	440	51	459	175	504	67	495	22	255	60	462	122	534	69	368
43	349	33	412	59	400	85	468	125	524	84	265	83	453	125	523	55	420	122	260
106	446	100	415	79	402	100	442	35	437	59	424	104	406	89	433	162	346	106	360
86	403	75	524	62	243	65	374	35	401	88	498	48	471	61	539	74	523	32	288
32	388	77	388	117	394	157	388	72	559	132	356	39	419	195	451	64	463	50	301

	24	426	24	475	138	365	58	516	32	373	83	399	44	505	74	308	84	387	133	381
	62	366	227	284	33	338	90	443	120	404	104	432	159	230	50	509	70	454	66	520
	90	235	54	392	41	323	104	377	53	412	65	412	177	294	59	338	52	361	38	478
	90	524	76	335	115	451	66	526	28	503	59	378	49	534	33	434	76	528	22	318
	81	433	46	543	53	423	113	544	36	326	73	432	51	384	86	413	99	429	32	526
	126	385	45	387	119	336	65	423	27	412	70	402	45	418	28	380	83	361	45	453
	107	469	114	550	118	511	81	361	53	547	86	533	47	548	49	281	38	387	109	310
	21	358	58	530	73	530	53	419	256	224	103	527	54	292	43	327	39	527	23	476
	62	284	42	318	91	413	74	438	54	363	46	444	72	294	51	432	23	350	57	515
	53	394	87	377	74	379	42	306	63	263	104	304	29	430	54	395	38	457	57	398
	70	347	44	390	185	472	52	482	34	263	36	326	24	433	34	525	57	378	54	518
	21	495	50	312	22	321	51	322	53	283	65	408	106	317	106	403	20	309	49	338
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	42	439	60	374	51	367	49	357	46	272	34	376	52	362	50	268	34	482	21	396
	25	404	67	293	40	459	99	367	157	420	24	349	103	483	36	525	47	385	33	463
	47	398	36	420	32	435	145	310	50	360	101	250	76	438	33	444	47	354	101	400
	88	379	57	413	24	330	141	519	142	367	176	492	94	270	96	438	47	351	45	520
	39	450	80	267	23	424	27	398	192	463	111	437	72	550	125	547	50	507	42	406
	44	437	88	393	39	415	39	413	29	526	32	445	42	533	39	529	91	378	83	271
	32	440	53	407	46	386	59	337	32	402	41	281	87	409	76	404	58	437	55	523
	32	369	132	259	80	548	151	321	33	446	36	530	21	250	28	348	28	448	42	413
	61	416	29	427	73	270	32	293	30	304	43	512	53	460	53	564	63	293	136	341
	93	424	125	359	71	552	21	499	70	344	102	445	57	411	45	414	53	452	43	574
	77	295	67	487	61	277	21	306	48	407	50	524	99	534	72	329	40	559	54	278
	106	352	50	357	64	278	38	444	35	468	29	498	63	566	27	421	94	314	43	325
	37	522	70	413	76	390	66	364	82	287	53	347	34	419	27	526	27	417	43	400
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	46	279	67	384	45	295	63	378	40	383	81	388	55	447	32	427	54	389	55	296
	66	386	84	400	148	377	21	352	23	294	27	398	20	473	28	315	35	518	27	472
	41	265	22	299	36	520	84	335	102	417	72	448	74	287	30	499	23	425	84	310
	25	487	26	436	43	450	54	372	79	308	82	420	56	311	52	440	31	411	23	281
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	51	374	28	384	20	324	49	304	38	395	80	479	34	413	63	390	53	436	91	546
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	33	435	39	426	22	448	56	450	28	387	36	366	36	445	52	324	40	484	40	318
	45	566	92	444	61	389	69	560	34	437	102	365	51	542	36	329	65	526	62	383
	39	541	25	423	61	467	35	407	29	459	34	396	45	464	55	388	32	222	63	358
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	40	504	41	442	24	308	32	335	34	426	21	353	58	291	33	357	30	418	45	455
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12	60	488	45	460	159	412	29	429	134	568	63	377	100	512	75	388	26	267	29	403
11	76	331	141	326	40	415	25	564	24	277	326	537	22	507	285	405	35	320	43	507
10	156	395	436	265	31	522	74	432	656	313	56	438	180	244	23	558	21	251	118	431
9	22	335	28	340	44	476	59	350	168	525	95	406	43	399	40	280	22	210	20	484
8	78	474	102	370	69	404	26	442	39	458	25	317	47	381	64	412	137	388	44	453
7	49	558	27	351	25	306	23	297	21	310	182	414	771	505	321	235	137	319	139	407
6	60	397	20	415	569	384	78	310	112	419	182	513	204	295	121	539	112	397	48	337
5	23	351	79	365	25	392	20	320	26	414	29	534	1325	393	74	433	619	397	91	431
4																				
3																				

355	381	108	37e	26	302	328	478	137	253	227	399	24	394	324	378	77	415	31	410
37	507	401	402	153	403	236	481	251	227	136	563	206	386	145	399	20	337	378	401
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119	411	52	566	23	262	169	338	163	396	120	346	44	373	21	269	38	469	298	554
72	588	23	416	170	379	24	506	72	385	142	513	59	550	31	425	22	615	24	354

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106	324	337	338	77	416	489	292	44	422	46	354	51	555	737	398	555	467	97	561	
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23	483	22	381	46	343	91	306	356	297	295	558	225	406	73	344	159	418	105	520	
78	495	77	530	422	549	350	383	67	390	22	367	84	363	36	329	24	496	248	365	
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43	412	171	354	164	385	28	399	84	403	45	452	81	440	41	556	106	424	52	321	
265	350	394	404	178	302	59	381	82	431	183	345	45	477	149	274	58	421	70	535	
36	509	49	389	20	326	20	360	28	531	34	440	80	388	28	534	31	415	52	393	
66	388	89	401	37	477	36	280	23	288	34	513	101	564	98	257	83	474	77	466	
39	348	92	425	76	485	61	422	56	462	49	521	77	428	164	560	188	405	118	390	
113	403	45	306	44	304	139	364	91	373	74	506	38	419	28	399	33	284	65	386	
79	293	117	400	69	534	67	497	169	248	245	400	176	475	40	300	93	362	82	531	
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37	543	44	392	37	417	32	447	117	444	114	319	92	423	74	318	82	429	154	404	
63	404	60	397	28	533	35	379	63	375	50	300	57	371	72	333	72	494	97	434	
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68	413	133	373	74	362	47	271	43	402	73	405	32	347	79	262	56	556	134	428	
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73	404	39	394	20	602	51	423	58	576	92	388	32	428	75	361	86	466	45	423	
23	321	21	395	43	537	29	478	125	252	41	490	118	241	95	279	49	546	72	422	
115	512	48	430	163	244	56	414	78	509	126	437	63	359	133	381	95	570	30	404	
12	267	564	241	401	219	474	395	497	979	416	327	587	123	475	150	275	96	471	113	433
11	86	289	39	469	101	390	97	419	44	581	112	305	114	303	53	349	63	376	132	436
10	96	260	48	426	36	589	138	320	56	546	81	411	76	352	65	445	93	448	52	350
9	42	451	111	262	63	279	44	450	182	235	48	539	151	235	75	490	93	510	84	247
8	72	453	33	402	27	361	120	244	41	388	113	413	64	539	46	546	39	443	103	335
7	60	461	29	318	20	343	108	373	55	292	74	412	180	357	74	401	76	429	99	336
6	54	342	87	545	30	423	83	505	110	420	73	440	57	556	53	559	111	543	71	424
5	40	424	41	567	35	501	45	453	159	387	40	400	34	403	48	534	53	445	48	327
4	65	388	146	403	35	333	117	405	53	300	41	412	156	403	50	286	38	303	108	395

65 470	73 324	82 418	81 522	86 415	79 296	41 507	80 423	39 456	85 538
34 390	28 456	148 408	65 298	83 370	39 426	89 460	116 391	47 406	57 502
69 264	26 338	22 429	59 412	46 515	66 482	31 435	78 394	82 545	45 538
72 429	99 363	58 548	50 345	50 451	49 549	33 413	65 367	114 239	74 477
64 400	35 466	21 424	38 540	40 557	80 419	44 439	48 405	49 399	58 495
100 384	83 437	56 426	84 417	73 503	25 391	28 340	49 435	30 401	27 446
53 495	28 433	42 474	40 406	73 283	45 483	52 309	61 536	36 519	30 489
78 545	71 254	86 414	64 472	58 419	67 554	46 302	78 439	159 553	54 349
33 336	22 303	69 349	25 513	127 510	81 480	56 287	80 565	93 238	28 496
46 541	45 308	32 423	50 257	25 356	45 372	20 337	143 409	54 458	146 463
43 418	56 438	93 387	21 698	37 384	132 349	51 472	120 397	21 389	45 291
21 270	22 275	27 376	61 463	23 322	23 299	128 409	85 281	100 543	55 364
71 549	25 479	51 507	50 418	43 310	32 557	102 531	51 428	111 480	38 428
53 449	93 443	33 433	28 397	55 409	50 325	28 420	54 425	90 257	40 573
98 415	79 437	89 247	82 393	26 301	41 446	44 550	24 258	25 313	37 324
67 436	23 311	25 523	33 491	52 419	120 302	89 371	68 314	41 345	46 410
22 372	44 534	62 440	35 431	53 371	144 472	46 399	81 442	30 402	34 416
70 556	69 280	45 448	130 529	80 492	27 486	53 331	49 460	26 474	55 431
38 316	59 265	37 546	79 422	51 421	111 243	47 459	51 556	55 564	60 297
25 409	34 246	44 395	58 534	74 404	41 399	57 385	49 549	28 304	125 484
70 363	57 458	36 406	27 474	32 426	70 417	44 464	23 358	99 495	30 415
46 429	55 450	51 370	28 324	80 415	31 385	30 448	36 428	24 435	60 255
34 439	73 427	66 534	91 341	81 403	32 399	54 284	36 562	33 553	81 247
53 397	45 319	63 456	93 368	164 420	44 438	73 472	44 503	46 324	161 319
29 500	57 536	70 590	63 322	61 521	48 424	30 435	35 326	84 414	106 251
42 311	89 354	44 330	57 288	99 520	31 377	22 300	50 442	43 446	101 422
31 541	21 461	77 392	49 542	49 483	39 399	85 372	20 409	57 517	30 408
39 479	41 442	23 442	47 327	40 452	21 437	29 302	40 436	24 373	26 449
33 516	23 359	26 394	46 396	32 517	96 484	34 515	76 449	36 433	63 280
47 492	44 521	45 328	77 539	45 440	37 443	23 438	20 400	54 524	49 297
34 340	61 417	41 361	24 491	21 454	24 268	35 519	39 431	26 410	30 419
32 313	61 537	70 480	41 412	47 414	24 293	20 459	86 423	50 398	48 390
58 420	22 503	22 424	34 317	41 427	62 434	24 357	68 495	89 337	59 395
70 288	30 321	20 474	40 281	35 423	30 326	33 438	24 610	44 317	66 351
88 271	165 293	63 404	80 569	50 442	63 560	45 442	24 352	35 385	51 364
24 325	44 410	20 348	28 454	45 530	76 423	65 463	23 403	24 497	42 346
80 268	49 375	68 408	34 402	33 395	43 284	32 492	66 516	40 342	47 431
43 568	105 325	30 405	68 304	39 501	66 351	27 530	46 304	20 407	41 409
87 507	21 341	43 465	25 374	30 518	40 432	33 482	24 336	55 425	27 414
47 466	48 551	57 385	33 442	27 393	26 409	40 437	21 391	30 546	36 309
39 421	65 404								

STOP 0
EXECUTION TERMINATED

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\$SIGNOFF

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76.11

JOB NO. 024167

UNIVERSITY OF MICHIGAN TERMINAL SYSTEM (MODEL PR220)

13:55.42 06-23-70

USER: CORL
CHARGE NBR: 00RL

**** ON AT 13:55.45
 **** OFF AT 14:01.05
 **** ELAPSED TIME 320.636 SEC.
 **** CPU TIME USED 70.951 SEC.
 **** STORAGE USED 3212.993 PAGE-SEC.
 **** CARDS READ 33
 **** LINES PRINTED 442
 **** PAGES PRINTED 12
 **** CARDS PUNCHED 197
 **** DRUM READS 105
 **** APPROX. COST OF THIS RUN \$9.02

**** FILE STORAGE 15479 PG-HR. \$4.25

**LAST SIGNON WAS: 17:04.14 05-21-70

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76.12