

LPTSP1 VERSION 6(344) RUNNING ON LPT000  
#START# USER ALEX PERALTA (15,1) JOB 152 SEQ. 9877 DATE 06-MAR-78 16:11:59 MONITOR ALBUQUERQUE SCHOOLS 603 #START#

1 AAAAAA LL EEEEEEEEEE XX XX  
2 AAAAAA LL EEEEEEEEEE XX XX  
3 AA AA LL EEE XX XX  
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28 PPPPPPPP EEEEEEEEEE RRRRRRRR AAAAAA LL TTTTTTTT AAAAAA  
29 PPPPPPPP EEEEEEEEEE RRRRRRRR AAAAAA LL TTTTTTTT AAAAAA  
30 PP PP EEE RR RR AA AA LL TT AA AA  
31 PP PP EEE RR RR AA AA LL TT AA AA  
32 PP PP EEE RR RR AA AA LL TT AA AA  
33 PP PP EEE RR RR AA AA LL TT AA AA  
34 PPPPPPPP EEEEEEEEEE RRRRRRRR AA AA LL TT AA AA  
35 PPPPPPPP EEEEEEEEEE RRRRRRRR AA AA LL TT AA AA  
36 PP EEE RR RR AAAAAAAA LL TT AAAAAAAA  
37 PP EEE RR RR AAAAAAAA LL TT AAAAAAAA  
38 PP EEE RR RR AA AA LL TT AA AA  
39 PP EEE RR RR AA AA LL TT AA AA  
40 PP EEE EEEEEE RR RR AA AA LL TTTTTTTT AA AA  
41 PP EEE EEEEEE RR RR AA AA LL TTTTTTTT AA AA  
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#START# USER ALEX PERALTA (15,1) JOB 152 SEQ. 9877 DATE 06-MAR-78 16:11:59 MONITOR ALBUQUERQUE SCHOOLS 603 #START#

#START# USER ALEX PERALTA (15,1) JOB 152 SEQ. 9877 DATE 06-MAR-78 16:11:59 MONITOR ALBUQUERQUE SCHOOLS 603 #START#

#START# USER ALEX PERALTA (15,1) JOB 152 SEQ. 9877 DATE 06-MAR-78 16:11:59 MONITOR ALBUQUERQUE SCHOOLS 603 #START#

#START# USER ALEX PERALTA (15,1) JOB 152 SEQ. 9877 DATE 06-MAR-78 16:11:59 MONITOR ALBUQUERQUE SCHOOLS 603 #START#

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LPTSPL VERSION 613401 RUNNING ON LPT1000  
 \*START\* USER ALEX PERALTA 115,11 JOB 752 SEQ. 9577 DATE 06-MAR-78 16:11:59 HOPPER ALBUQUERQUE SCHOOLS 693 \*START\*  
 REQUEST CREATED: 06-MAR-78 18:13:18  
 FILE: USEC01:THUR115,11 CREATED: 31-JAN-78 16:43:00 <157> PRINTED: 06-MAR-78 16:12:09  
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7 NLRZ C,A  
8 NOVEM B,SYSNAM(E)  
9 ADD A,11,01  
10 CARB A,1XCNFG4J  
11 JRST STOP  
12 SETZH SYSNAM+S  
13 OUTSTR LASC1Z'  
14 STATUS OF '1'  
15 OUTSTR SYSNAM PRINT OUT SYSTEM NAME.  
16 OUTSTR CRLF  
17 GET ZLNSTS  
18 ADD A,17771  
19 OUTSTR LASC1Z' SCHEDULE: '1'  
20 NOUT A,10,6,0PZLZ  
21 OUTSTR LASC1Z' DATE: '1'  
22 DATE A,  
23 PUSHJ P,PRTDATE PRINT OUT SC AND DAY/TIM  
24 OUTSTR LASC1Z' '1'  
25 NSTIME A,  
26 PUSHJ P,PRTIME PRINT: '1'  
27 OUTSTR LASC1Z' SELF: '1'  
28 SETZH SELFA  
29 SETZH DPR2  
30 SETZH HLF2  
31 GETPPN A,  
32 JRLL P,PENDUT FAND PPN  
33 GETLIP A,  
34 NOVEM A,BRD  
35 PUSHJ P,SIXDUT FAN DA TTYA  
36 OUTSTR CRLF  
37 GET ZLDEFA  
38 NOVEM A,OPR  
39 GET ZLDHELP  
40 NOVEM A,OLP  
41 GETPPN A,  
42 JFCI  
43 NOVEM A,SELF  
44 OUTSTR CRLF  
45 GET ZCNLNM  
46 JUMPE A,N0J0BS  
47 NOUT A,12,0,0PZN0J  
48 OUTSTR LASC1Z' JOBS LOGGED IN OUT OF '1'  
49 GET ZCNLNM  
50 NOUT A,12,0,0PZN0J  
51 OUTSTR CRLF  
52 BAND: GET ZCNBDM  
53 JUMPE A,N0BA  
54 NOUT A,12,0,0PZN0J  
55 OUTSTR LASC1Z' BATCH JOBS WITH '1'  
56 GET ZCNBDM  
57 NOUT A,12,0,0PZN0J  
58 OUTSTR LASC1Z' RESERVED OUT OF '1'  
59 GET ZCNBDM  
60 NOUT A,12,0,0PZN0J  
61 OUTSTR CRLF  
62 JRST NOBA  
63 NOJ0BS: OUTSTR LASC1Z'  
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3      OUTSTR CRLF
4      OUTSTR HEAD
5      OUTSTR CRLF
6      OUTSTR CRLF ;NO HEADINS
7      SETZN JOB#
8      GET ZCNSJN
9      CARL A,JOB
10     JRST STOP
11     MOVE A,JOB
12     ADDI A,1
13     MOVE A,JOB
14     PUSHI P,SYSTAT
15     JRST LOOP
16     MOVE A,JOB
17     PUSHI P,SYSTAT
18     JRST LOOP
19     MOVE A,JOB
20     TITRN
21     JRST .+2
22     JRST SCII
23     JUMPN A,[HALT .]
24     MOVE A,JOB
25     JONSTS A
26     JRST STOP
27     JUMPL A,SCII
28     POPJ 17,;SEE IF IT LOGGED IN.
29     TAB LTSGN,JOB,MS10X#
30     DJOB MOVE A,JOB
31     DOUT A,12,3,GPZLFT ;DOUT DO JOBS.
32     OPNS TAB .GTPPN,JOB
33     PUSHI F,PPROUT ;GET PPNUG.
34     ONALOW TAB .GTPRG,JOB
35     MOVE A,BUR)
36     PUSHI F,SIXOUT
37     TAB .GTPAP,JOB,SNP#
38     MOVEA A,SNPZ#
39     TAB .GTAOR,JOB,ADRS
40     TAB .GTSIS,JOB,STS# ;GET THE JOB STATISTICS.
41     PUSHI F,LDSER
42     OUTCHR I,""
43     DOUT A,12,2,GPZLEZ
44     OUTSTR TAB[12][13] ;DOUT LOW NAME AND CORE.
45     OHNA SKIPL MS10X
46     JRST SPYING
47     SKIPN MS10X
48     JRST NDI
49     TAB .GTPRG,MS10X
50     MOVEA A,BUR)
51     PUSHI F,SIXOUT
52     TAB .GTSMP,MS10X,SNP
53     TAB .GTAOR,MS10X,AUR
54     TAB .GTSIS,JOB,SIS
55     PUSHI F,HISEG
56     OUTCHR I,""
57     DOUT A,12,2,GPZLEZ
58     OUTSTR TAB[12][13]
59     NDI: OUTSTR JSTAT
60     JRST OUTSTR FASCIZ"NO-HISEG "
61     JRST OUTSTR FSTAT
62     DSTAT TAB[12][13]"SEGMENT")THE NAM ADDR.
63     OUTSTR A,POINT 5,518,14]
64     OUTSTR TAB[12][13]
65     DIVI A,3
66     MULZ A,P
67     MRR A,I,GTNSNI

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38 UNAM:  
39 TAB GTRNMI,JOB,B(H) ;PRINTS JOBSTATUS.  
40 PUSHJ P,SIXDOUT  
41 TAB GTRNMI,JOB,B(H)  
42 PUSHJ P,SIXDOUT ;THE JOBNAMES,  
43 OUTSTR IASLIZ' 'J  
44 INMO:  
45 JRST .+2  
46 JRST BASLINE  
47 JUMPN A,HALT ..  
48 DOWN A,JOB  
49 JUBSTS A,  
50 HALT  
51 JUPLGE A,=1  
52 OUTSTR IASLIZ'DETACHED'J  
53 JRST CBACK  
54 HASLINE:  
55 MOVEA  
56 GETLN  
57 SUB A,LUXTRHJ  
58 MOVER B,LCHS  
59 MOVER A,LINES  
60 GET ZDNPRTY  
61 DLNZ C,A  
62 MOVE A,LINE  
63 TLINE B,LGL,ITYJ  
64 JRST PTYLIN  
65 TLINE B,LGL,ITYJ  
66 JRST PTYLIN  
67 DROUT A,10,5,UFZLFT

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7 PTYLIN: JRST LINCHR  
8 SUB A,C  
9 NOUT A,10,6,OPXNDJ  
10 OUTSTR LASLIZ,LJ1  
11 MOVE A,JOB  
12 LFLJOB A,  
13 JFCI  
14 NOUT A,12,0,OPXNDJ  
15 OUTSTR LASLIZ,I  
16 JRST LINCHR  
17 CTYLIN: OUTSTR LASLIZ,CITY  
18 LINCHR: MOVE B,LCH  
19 TLINE B,(GL,DSP)  
20 OUTCHR [S"]  
21 TLINE B,(GL,OSLJ  
22 OUTCHR [D"]  
23 TLINE B,(GL,HDP)  
24 OUTCHR [H"]  
25 TLINE B,(GL,RENJ  
26 OUTCHR [L"]  
27 TLINE B,(GL,RBSJ  
28 OUTCHR [B"]  
29 TLINE B,(GL,LCRJ  
30 OUTCHR [C"]  
31 TLINE B,(GL,LCPJ  
32 OUTCHR [N"]  
33 TLINE B,(GL,PTM)  
34 OUTCHR [P"]  
35 CRACK: OUTSTR CRF  
36 POPJ F,  
37 PPNOUT: GAME A,SELF  
38 JRST CHOP  
39 PJOB C,  
40 GAME C,JOB  
41 JRST CHOP=2  
42 OUTSTR LASCIZ' [REX] ?  
43 POPJ P, PRINT OUT 'REX' IF RUNNING JOB  
44 OUTSTR LASCIZ' [SELF] ?  
45 POPJ P, "SELF" IF NOT PPN.  
46 CHOP: GAME A,UPR  
47 JRST OHL  
48 OUTSTR LASCIZ' [OPR] ?  
49 OHL: POPJ P, "OPR" IF OPERATOR(1,2),  
50 GAME A,HELP  
51 JRST NHC  
52 OUTSTR LASCIZ' [HELP] ?  
53 POPJ P, "HELP" IF HELP LOG(2,5).  
54 NUMB: HERZ D,A  
55 NOUT B,10,6,OPXNDJ  
56 OUTCHR T,"J"  
57 HERZ B,A  
58 NOUT B,10,6,OPXLEFT  
59 POPJ P, IF IT NOT ONE OF ABOVE JUST PRINT IT.  
60 LONGED: MOVS A,ADR  
61 JUMPE A,S1  
62 MOVE C,S10  
63 TLINE B,2000  
64 JRST S2  
65 JRST S1  
66 HISEG: MOVS A,ADR  
67 JUMPE A,S1

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7 S1: MOVE B,S1S  
JRST S2  
MOVE A,SPR  
TRNE A,377  
JRST S3  
MOVE A,ADR  
ADD1 A,1777 ;THIS IS AN ALGORITHM TO FIGURE  
ASH A,-12 ;THE CORE USAGE FOR A JOB. IT TAKES INTO  
S3: AND1 A,377 ;ACCOUNT SUCH FACTORS SUCH AS THE JOB  
PUSHJ P,  
PRODATE: LDIV A,1D03723  
ADD A,[064]  
MOVRN A,YEAR#  
MOVE A,B  
LDIV A,1D0511  
ADD1 B,1  
ROUT D,12,2,0PZRHT  
MOVEJ B,LASC11'--JAN--FEB--MAR--APR--MAY--JUN--JUL--AUG--SEP--OCT--NOV--DEC--'  
ADD B,A  
MOVE A,(0)  
SETZ B,  
OUTSTR A,  
MOVE A,YEAR ;THIS ROUTINE PRINTS OUT THE DATE.  
ROUT D,12,2,0PZRD ;IT PRINTS IT IN THE FORM  
POPJ P, /MDA-MDN-YEA.

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31 PRTIME: LDIV A,1D10000J  
MOVRN B,MSECS#  
LDIV A,[060]  
MOVE B,SECS#  
LDIV A,1D0601  
ROUT D,12,3,0PZRHT  
OUTCHR B,:"  
ROUT B,1C,2,0PALEZ  
OUTCHR B,:"  
MOVE A,SELS  
MOVE B,MSECS  
ROUT D,12,2,0PALEZ ;DIS PRINT OUT DA TIME OF DAY.  
OUTCHR B,:"  
ROUT B,12,3,0PALEZ ;IT IN FORM HU:MI:SC.MSD  
POPJ P,  
ICHAR: S0SGE 1B+2 ;THE MILISECONDS ARE NOT TO INFORMATIVE.  
JRST N+1B  
LDUB A,1B+1  
POP P,  
ADD1 P,  
PUSH 1,  
PUSHJ P,  
NEWIB: IN I,  
JRST ICHAR P,  
POPJ P,  
FATAL: OUTSTR CRLF  
OUTSTR LAD  
OUTSTR CRLF  
JRST CHMLN1  
STOP: JRST TERDAT  
PUSHJ P,0SKSTI  
SETZ A,  
OUTSTR LASC12'

[RUNTIME: 0]  
ROUTIN A,  
SUG A,STRUN  
PUSHJ 17,PRTIME

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OUTSTR 1ASC1Z" ELAPSED TIME: "
NSTIME A,
SUS 1,61DAY
PUSHJ 17,PRTIME
OUTSTR 1ASC1Z"
      15
JRST CHMINI
JRST GET ZSSORT
MOVEN A,ZSSORT
IMULI A,2D1000
IDIVI A,2D60
IDIVI OUTSTR 1ASC1Z"
OPTIME: 17
PUSHJ 17,PRTIME
OUTSTR 1ASC1Z",NULL TIME "
GET ZSSNUL
IMULI A,7D1000
IDIVI A,ZSUFT
ADDI A,2
IDIVI A,2D10
ROUT A,1E,0,DEFLND 1THIS PRINTS THE SYSTEM UPTIME AND
OUTSTR 1ASC1Z",0 1THE RAISED NULL TIME.
JRST STOP+1

DSKSET: SETZ A,
OUTSTR CRLF
MOVEN A,ADDSK
DSNAME 1THIS PRINTS OUT THE DISKS HEADING
MOVE B,ADDSK
SYSPHY B,
ERROR IN SYSPHY CALL.
MOVE B,ADDSK
JUMPE B,LFUPJ_F
MOVE A,B
PUSHJ P,DSKDD
JRST DSACT 1FIND ALL DISKUNITS AND PR THE STAT ON EM
MOVE A,CHRADD
MOVE A,1,0,CLTU,,CHRADD
DSACHR A,
ERROR IN DSACHR CALL.
MOVE B,CHRADD+,DCOUN
MOVE B,BIN
PUSHJ P,SJADUT
PRINT C,SJADUT,
MOVE B,CHRADD+,DCUPN
MOVE B,BIN
PUSHJ P,SIXDUT
PRINT C,SIXDUT,
MOVE B,CHRADD+,DCOSZ
ROUT B,1C,7,DPARENT
PRINT C,7,DPARENT
MOVE B,CHRADD+,DLUNT
ROUT B,12,5,DPARENT
PRINT B,CHRADD+,DLKAS
ROUT B,1E,5,DPARENT
PRINT B,CHRADD+,DLBUM
ROUT B,12,5,DPARENT
PRINT B,CHRADD+,DLSTRT
ROUT B,12,3,DPARENT 1THIS PRINTS OUT THE DATA ON THE DISK

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OUTSTR CRLF ;DRIVE AND BLOCKS USED SHARING SPACE ETC.  
POPJ P,  
CHMINI: SKIPN CCLST  
MONRI A,1  
MOVSI A,1  
HRRI A,1SIXBIT\*OSKCI  
SIXBIT\*INI  
B  
B  
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RUN A,  
EXIT  
JFN FEBUG,<FDEBUG>: PJOB A,  
TRNUO A,  
HALT A  
SETLCH A  
MOVE B,A  
TLD 0;(GL.LDP)  
SETLCH B  
OUTSTR CRLF  
PRINT\*PASSWORD:  
PUSHJ P,INSLA,  
MOVE C,B(R)  
CAME C,1SIXBIT\*THURX";THIS WILL ALLOW DEBUGING IF THE  
JRST CHMINI ;EXECUTE BIT IS SET.  
SETLCH A,;JBDT  
MOVEJ A,JBDT ;IT WILL ONLY BE DEFINED IF FEBUG<>0.  
JBDT B  
DRLF: ASCIZ  
LIT  
RELLOC 0  
VAR  
ADUSK: BLOCK 4  
CHRAAD: BLOCK ,DCLTG  
USKRES: ASCIZ  
DISK DEVICE STATUS:  
NAME PHY BLOCKS LEFT KSWAP TOTAL MOUNTS

DSK: ,IOASC  
SIXBIT\*ALL  
0,1B  
NOTILE: ,RGASIZ  
15,1  
SIXBIT\*SY2NOT;  
SIXBIT\*TXT;  
BLOCK 2  
IB: BLOCK 3  
SYSNAME: BLOCK 5  
HEADZ: ASCIZ  
JDN FPN SEGMENTS(K) STATE NAME LINE  
AIZ: BLOCK 4  
PULF: BLOCK 20  
CLEAR: ASCIZ,-1E,  
TOP: ASCIZ,-1H,  
XPONGE  
END STATUS

SPUDLER RUNTIME 2 SECONDS, 9 KCS, 24 DISK READS, 0 DISK WRITES, 9 PAGES

