```
     MM        MM   AAAAAAAAA   NN         NN  DDDDDDDDD        ##      ##    PPPPPPPPPPP   AAAAAAAAAA    SSSSSSSSSSS
     MMM      MMM   AAAAAAAAAAA  NNN        NN  DDDDDDDDDD       ##      ##    PPPPPPPPPPPP  AAAAAAAAAAAA  SSSSSSSSSSSS
     MMMM    MMMM   AA       AA  NNNN       NN  DD       DD   ############   PP         PP  AA        AA  SS         SS
     MM MM  MM MM   AA       AA  NN NN      NN  DD       DD   ############   PP         PP  AA        AA  SS
     MM  MMMM  MM   AAAAAAAAAAA  NN  NN     NN  DD       DD      ##      ##    PP         PP  AAAAAAAAAAA  SSS
     MM   MM   MM   AAAAAAAAAAA  NN   NN    NN  DD       DD      ##      ##    PPPPPPPPPPPP  AAAAAAAAAAAA  SSSSSSSSSS
     MM        MM   AA       AA  NN    NN   NN  DD       DD      ##      ##    PP            AA        AA        SSS
     MM        MM   AA       AA  NN    NNNN  NN  DD       DD   ############   PP            AA        AA         SS
     MM        MM   AA       AA  NN     NNN  NN  DD       DD   ############   PP            AA        AA  SS     SS
     MM        MM   AA       AA  NN      NN  NN  DDDDDDDDDD       ##      ##    PP            AA        AA  SSSSSSSSSSSS
     MM        MM   AA       AA  NN       N  DDDDDDDDD         ##      ##    PP            AA        AA  SSSSSSSSSS

          JJJJJJJJJJ       11     2222222222    6666666666         444                        AAAAAAAAAA
          JJJJJJJJJJ       111    222222222222  666666666666       4444                       AAAAAAAAAAAA
               JJ         1111    22        22  66          66     44  44                      AA        AA
               JJ          11               22  66                 44  44                      AA        AA
               JJ          11               22  66                 44  44                      AA        AA
               JJ          11              22   6666666666     44444444444                     AAAAAAAAAAAA
               JJ          11             22    666666666666   44444444444                     AAAAAAAAAAAA
               JJ          11            22     66          66      44                         AA        AA
     JJ        JJ          11           22      66          66      44                         AA        AA
     JJ        JJ          11          22       66          66      44                         AA        AA
     JJJJJJJJ          1111111111  222222222222  666666666666       44                         AA        AA
      JJJJJJ           1111111111  222222222222  6666666666         44                         AA        AA


****A  START  JOB 1264  MAND#PAS                   ROOM       6.31.37 PM 16 MAY 20  PRINTER1  SYS TK4-  JOB 1264  START  A****
****A  START  JOB 1264  MAND#PAS                   ROOM       6.31.37 PM 16 MAY 20  PRINTER1  SYS TK4-  JOB 1264  START  A****
****A  START  JOB 1264  MAND#PAS                   ROOM       6.31.37 PM 16 MAY 20  PRINTER1  SYS TK4-  JOB 1264  START  A****
****A  START  JOB 1264  MAND#PAS                   ROOM       6.31.37 PM 16 MAY 20  PRINTER1  SYS TK4-  JOB 1264  START  A****
```

```
                        J E S 2   J O B   L O G

18.31.36 JOB 1264  IEF677I WARNING MESSAGE(S) FOR JOB MAND#PAS ISSUED
18.31.36 JOB 1264  $HASP373 MAND#PAS STARTED - INIT  1 - CLASS A - SYS TK4-
18.31.36 JOB 1264  IEF403I MAND#PAS - STARTED - TIME=18.31.36
18.31.37 JOB 1264  IEFACTRT - STEPNAME  PROCSTEP  PROGRAM   RETCODE
18.31.37 JOB 1264  MAND#PAS   COMPILE            PASCAL    RC= 0000
18.31.37 JOB 1264  MAND#PAS   POSTPROC           ASMPCODE  RC= 0000
18.31.37 JOB 1264  MAND#PAS   GO                 LOADER    RC= 0000
18.31.37 JOB 1264  IEF404I MAND#PAS - ENDED - TIME=18.31.37
18.31.37 JOB 1264  $HASP395 MAND#PAS ENDED


------ JES2 JOB STATISTICS ------

 16 MAY 20 JOB EXECUTION DATE

         4 CARDS READ

       305 SYSOUT PRINT RECORDS

         0 SYSOUT PUNCH RECORDS

      0.00 MINUTES EXECUTION TIME
```

```
    1       //MAND#PAS JOB CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1),NOTIFY=HERC01,        JOB 1264
            //              USER=HERC01,PASSWORD=         GENERATED BY IKJEFF10
    2       // EXEC PASCG,PARM.COMPILE='D-,K+',PARM.GO=MAP
    3       XXPASCG  PROC  GOTIME=299,GOPARM=,GOREG=2048K,DUMP='DUMMY,',          00010000
            XX              SOUT='*',WORK=VIO,OPT='M+' 1..72 MARGINS             00020000
            ***                                                                  00030000
            ***                                                                  00040000
    4       XXCOMPILE EXEC PGM=PASCAL,REGION=8192K,PARM='&OPT'                    00050000
    5       XXSTEPLIB  DD  DSN=PASCAL.PASLIB,DISP=SHR                             00060000
    6       XXINPUT    DD  DDNAME=SYSIN                                           00070000
    7       XXPRD      DD  DSN=PASCAL.PASOBJ(PASMSG),DISP=SHR                     00080000
    8       XXOUTPUT   DD  SYSOUT=&SOUT                                           00090000
    9       XXPRR      DD  DSN=&&PCODE,UNIT=&WORK,DCB=RECFM=VB,                   00100000
            XX              SPACE=(TRK,(20,5),RLSE),DISP=(,PASS)                  00110000
   10       XXQRR      DD  DSN=&&TABLES,UNIT=&WORK,DCB=RECFM=VB,                  00120000
            XX              SPACE=(TRK,(5,2),RLSE),DISP=(,PASS)                   00130000
            ***                                                                  00140000
            ***                                                                  00150000
   11       //SYSIN DD DSN=HERC01.TEST.CNTL(MAND#PAS),DISP=SHR
   12       XXPOSTPROC EXEC PGM=ASMPCODE,COND=(0,LT,COMPILE),REGION=2048K        00160000
   13       XXSTEPLIB  DD  DSN=PASCAL.PASLIB,DISP=SHR                            00170000
   14       XXINPUT    DD  DSN=*.COMPILE.PRR,DISP=(OLD,DELETE)                   00180000
   15       XXPRD      DD  DSN=*.COMPILE.QRR,DISP=(OLD,PASS)                     00190000
   16       XXOUTPUT   DD  SYSOUT=&SOUT                                          00200000
   17       XXPRR      DD  DSN=&&OBJECT,UNIT=&WORK,DCB=RECFM=FB,                 00210000
            XX              SPACE=(TRK,(10,5),RLSE),DISP=(,PASS)                 00220000
            ***                                                                  00230000
            ***                                                                  00240000
   18       XXGO      EXEC  PGM=LOADER,COND=((0,LT,COMPILE),(0,LT,POSTPROC)),    00250000
            XX              PARM='//TIME=&GOTIME,&GOPARM',REGION=&GOREG          00260000
   19       XXSTEPLIB  DD  DSN=PASCAL.PASLIB,DISP=SHR    (NEEDED FOR K+ ONLY)    00270000
   20       XXSYSLIN   DD  DSN=*.POSTPROC.PRR,DISP=(OLD,DELETE)                  00280000
   21       XXSYSLOUT  DD  SYSOUT=&SOUT                                          00290000
   22       XXSYSLIB   DD  DISP=SHR,DSN=PASCAL.PASLIB                            00300000
   23       XX         DD  DISP=SHR,DSN=SYS1.FORTLIB                             00310000
   24       XXINPUT    DD  DDNAME=SYSIN                                          00320000
   25       XXPRD      DD  DUMMY                                                 00330000
   26       XXQRD      DD  DSN=*.COMPILE.QRR,DISP=(OLD,DELETE)                   00340000
   27       XXFT06F001 DD  SYSOUT=&SOUT                                          00350000
   28       XXOUTPUT   DD  SYSOUT=&SOUT                                          00360000
   29       XXQRR      DD  UNIT=&WORK,SPACE=(TRK,(2,2))                          00370000
   30       XXSYSUDUMP DD  &DUMP.SYSOUT=&SOUT                                    00380000
            ***                                                                  00390000
```

```
   STMT NO. MESSAGE
-
     4        IEF653I SUBSTITUTION JCL - PGM=PASCAL,REGION=8192K,PARM='M+'
     8        IEF653I SUBSTITUTION JCL - SYSOUT=*
     9        IEF653I SUBSTITUTION JCL - DSN=&&PCODE,UNIT=VIO,DCB=RECFM=VB,
    10        IEF653I SUBSTITUTION JCL - DSN=&&TABLES,UNIT=VIO,DCB=RECFM=VB,
    16        IEF653I SUBSTITUTION JCL - SYSOUT=*
    17        IEF653I SUBSTITUTION JCL - DSN=&&OBJECT,UNIT=VIO,DCB=RECFM=FB,
    18        IEF653I SUBSTITUTION JCL - PARM='//TIME=299,',REGION=2048K
    21        IEF653I SUBSTITUTION JCL - SYSOUT=*
    27        IEF653I SUBSTITUTION JCL - SYSOUT=*
    28        IEF653I SUBSTITUTION JCL - SYSOUT=*
    29        IEF653I SUBSTITUTION JCL - UNIT=VIO,SPACE=(TRK,(2,2))
    30        IEF653I SUBSTITUTION JCL - DUMMY,SYSOUT=*
    30        IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
IEF236I ALLOC. FOR MAND#PAS COMPILE
IEF237I 280  ALLOCATED TO STEPLIB
IEF237I 191  ALLOCATED TO SYS00222
IEF237I 280  ALLOCATED TO INPUT
IEF237I 240  ALLOCATED TO SYS00224
IEF237I 290  ALLOCATED TO PRD
IEF237I JES2 ALLOCATED TO OUTPUT
IEF237I VIO  ALLOCATED TO PRR
IEF237I VIO  ALLOCATED TO QRR
IEF142I MAND#PAS COMPILE - STEP WAS EXECUTED - COND CODE 0000
IEF285I   PASCAL.PASLIB                              KEPT          *--------0
IEF285I   VOL SER NOS= PUB002.
IEF285I   SYS1.UCAT.MVS                              KEPT          *--------0
IEF285I   VOL SER NOS= MVSCAT.
IEF285I   HERC01.TEST.CNTL                           KEPT          *--------2
IEF285I   VOL SER NOS= PUB002.
IEF285I   SYS1.UCAT.TSO                              KEPT          *--------0
IEF285I   VOL SER NOS= PUB000.
IEF285I   PASCAL.PASOBJ                              KEPT          *--------0
IEF285I   VOL SER NOS= PUB003.
IEF285I   JES2.JOB01264.SO0101                       SYSOUT
IEF285I   SYS20137.T183136.RA000.MAND#PAS.PCODE      PASSED        *--------1
IEF285I   SYS20137.T183136.RA000.MAND#PAS.TABLES     PASSED        *--------1
IEF373I STEP /COMPILE / START 20137.1831
IEF374I STEP /COMPILE / STOP  20137.1831 CPU    0MIN 00.06SEC SRB    0MIN 00.00SEC VIRT  4148K SYS   252K
*************************************************************************************************************************
*    1. JOBSTEP OF JOB: MAND#PAS    STEPNAME: COMPILE    PROGRAM NAME: PASCAL    EXECUTED ON 16.05.20 FROM 18.31.36 TO 18.31.37 *
*          ELAPSED TIME   24:00:00,14                    CPU-IDENTIFIER:  TK4-         PAGE-IN:       0                 *
*          CPU TIME   00:00:00,06                 VIRTUAL STORAGE USED:   4148K        PAGE-OUT:      0                 *
*          CORR. CPU:  00:00:00,06   CPU TIME HAS BEEN CORRECTED BY  1 / 1,0  MULTIPLIER                               *
*                                                                                                                     *
*    I/O OPERATION                                                                                                    *
*    NUMBER OF RECORDS READ VIA DD * OR DD DATA:      0                                                                *
*    280.......0 191.......0 280.......2 240.......0 290.......0 DMY.......0 FFF.......1 FFF.......1                   *
*                                                                                                                     *
*                                   CHARGE FOR STEP (W/O SYSOUT):         0,10                                         *
*************************************************************************************************************************
IEF236I ALLOC. FOR MAND#PAS POSTPROC
IEF237I 280  ALLOCATED TO STEPLIB
IEF237I 191  ALLOCATED TO SYS00226
IEF237I VIO  ALLOCATED TO INPUT
IEF237I VIO  ALLOCATED TO PRD
IEF237I JES2 ALLOCATED TO OUTPUT
IEF237I VIO  ALLOCATED TO PRR
IEF142I MAND#PAS POSTPROC - STEP WAS EXECUTED - COND CODE 0000
IEF285I   PASCAL.PASLIB                              KEPT          *--------0
IEF285I   VOL SER NOS= PUB002.
IEF285I   SYS1.UCAT.MVS                              KEPT          *--------0
```

```
IEF285I    VOL SER NOS= MVSCAT.
IEF285I    SYS20137.T183136.RA000.MAND#PAS.PCODE        DELETED        *--------2
IEF285I    SYS20137.T183136.RA000.MAND#PAS.TABLES       PASSED         *--------2
IEF285I    JES2.JOB01264.SO0102                         SYSOUT
IEF285I    SYS20137.T183136.RA000.MAND#PAS.OBJECT       PASSED         *--------1
IEF373I STEP /POSTPROC/ START 20137.1831
IEF374I STEP /POSTPROC/ STOP  20137.1831 CPU    0MIN 00.04SEC SRB    0MIN 00.00SEC VIRT  2064K SYS    292K
********************************************************************************************************************
*    2. JOBSTEP OF JOB: MAND#PAS    STEPNAME: POSTPROC    PROGRAM NAME: ASMPCODE    EXECUTED ON 16.05.20 FROM 18.31.37 TO 18.31.37 *
*         ELAPSED TIME   24:00:00,07                      CPU-IDENTIFIER:  TK4-              PAGE-IN:      0          *
*            CPU TIME   00:00:00,04               VIRTUAL STORAGE USED:    2064K            PAGE-OUT:     0          *
*         CORR. CPU:   00:00:00,04   CPU TIME HAS BEEN CORRECTED BY  1 / 1,0  MULTIPLIER                            *
*                                                                                                                  *
*      I/O OPERATION                                                                                               *
*      NUMBER OF RECORDS READ VIA DD * OR DD DATA:      0                                                          *
*      280.......0 191.......0 FFF.......2 FFF.......2 DMY.......0 FFF.......1                                      *
*                                                                                                                  *
*                                CHARGE FOR STEP (W/O SYSOUT):        0,06                                         *
********************************************************************************************************************
IEF236I ALLOC. FOR MAND#PAS GO
IEF237I 280  ALLOCATED TO STEPLIB
IEF237I 191  ALLOCATED TO SYS00228
IEF237I VIO  ALLOCATED TO SYSLIN
IEF237I JES2 ALLOCATED TO SYSLOUT
IEF237I 280  ALLOCATED TO SYSLIB
IEF237I 148  ALLOCATED TO
IEF237I DMY  ALLOCATED TO INPUT
IEF237I DMY  ALLOCATED TO PRD
IEF237I VIO  ALLOCATED TO QRD
IEF237I JES2 ALLOCATED TO FT06F001
IEF237I JES2 ALLOCATED TO OUTPUT
IEF237I VIO  ALLOCATED TO QRR
IEF237I DMY  ALLOCATED TO SYSUDUMP
IEF142I MAND#PAS GO - STEP WAS EXECUTED - COND CODE 0000
IEF285I    PASCAL.PASLIB                                KEPT           *--------0
IEF285I    VOL SER NOS= PUB002.
IEF285I    SYS1.UCAT.MVS                                KEPT           *--------0
IEF285I    VOL SER NOS= MVSCAT.
IEF285I    SYS20137.T183136.RA000.MAND#PAS.OBJECT       DELETED        *--------2
IEF285I    JES2.JOB01264.SO0103                         SYSOUT
IEF285I    PASCAL.PASLIB                                KEPT           *-------14
IEF285I    VOL SER NOS= PUB002.
IEF285I    SYS1.FORTLIB                                 KEPT           *--------1
IEF285I    VOL SER NOS= MVSRES.
IEF285I    SYS20137.T183136.RA000.MAND#PAS.TABLES       DELETED        *--------2
IEF285I    JES2.JOB01264.SO0104                         SYSOUT
IEF285I    JES2.JOB01264.SO0105                         SYSOUT
IEF285I    SYS20137.T183136.RA000.MAND#PAS.R0000001     DELETED        *--------3
IEF373I STEP /GO      / START 20137.1831
IEF374I STEP /GO      / STOP  20137.1831 CPU    0MIN 00.16SEC SRB    0MIN 00.00SEC VIRT  2052K SYS    292K
********************************************************************************************************************
*    3. JOBSTEP OF JOB: MAND#PAS    STEPNAME: GO          PROGRAM NAME: LOADER      EXECUTED ON 16.05.20 FROM 18.31.37 TO 18.31.37 *
*         ELAPSED TIME   24:00:00,21                      CPU-IDENTIFIER:  TK4-              PAGE-IN:      0          *
*            CPU TIME   00:00:00,16               VIRTUAL STORAGE USED:    2052K            PAGE-OUT:     0          *
*         CORR. CPU:   00:00:00,16   CPU TIME HAS BEEN CORRECTED BY  1 / 1,0  MULTIPLIER                            *
*                                                                                                                  *
*      I/O OPERATION                                                                                               *
*      NUMBER OF RECORDS READ VIA DD * OR DD DATA:      0                                                          *
*      280.......0 191.......0 FFF.......2 DMY.......0 280......14 148.......1 DMY.......0 DMY.......0 FFF.......2 DMY.......0   *
*      DMY.......0 FFF.......3 DMY.......0                                                                          *
*                                                                                                                  *
*                                CHARGE FOR STEP (W/O SYSOUT):        0,26                                         *
********************************************************************************************************************
IEF375I  JOB /MAND#PAS/ START 20137.1831
IEF376I  JOB /MAND#PAS/ STOP  20137.1831 CPU    0MIN 00.26SEC SRB    0MIN 00.00SEC
```

```
LINE #  P/D LC  LVL      < STANFORD PASCAL COMPILER, VERSION OF OCT.-79 >    18:31:37  05-16-1920    PAGE  1
------  ------  ---                                                                                  ---- ---

      1              ) PROGRAM MANDELBROTSET(OUTPUT);
      2              ) LABEL 99;
      3              ) CONST XSIZE=132; MINRE=-2; MAXRE=+1;
      4              )       YSIZE= 48; MINIM=-1; MAXIM=+1;
      5              ) VAR STEPX,STEPY,RE,IM,ZR,ZI,A,B:REAL;
      6       368  1)     X,Y,N:INTEGER;
      7       380  1)     STR:ARRAY[1..27] OF CHAR;
      8       407  1) BEGIN
      9              )     STR:='ABCDEFGHIJKLMNOPQRSTUVWXYZ ';
     10        10  1)     STEPX:=(MAXRE-MINRE)/XSIZE;
     11        18  1)     STEPY:=(MAXIM-MINIM)/YSIZE;
     12        26  1)     FOR Y:=0 TO YSIZE
     13        28  1)     DO BEGIN
     14        35  1)          IM:=MINIM+STEPY*Y;
     15        43  1)          FOR X:=0 TO XSIZE
     16        45  1)          DO BEGIN
     17        52  1)               RE:=MINRE+STEPX*X;
     18        60  1)               ZR:=RE;
     19        62  1)               ZI:=IM;
     20        64  1)               FOR N:=0 TO 27
     21        66  1)               DO BEGIN
     22        73  1)                    A:=ZR*ZR;
     23        77  1)                    B:=ZI*ZI;
     24        81  1)                    IF (A+B)>4
     25        84  1)                    THEN GOTO 99;
     26        90  1)                    ZI:=ZR*ZI*2+IM;
     27        99  1)                    ZR:=A-B+RE
     28       102  1)                    END;
     29       113  1) 99:          WRITE(STR[N]:1)
     30       124  1)          END;
     31       132  1)        WRITELN
     32       132  1)      END
     33       136  1) END.


    ****     NO  SYNTAX ERROR(S) DETECTED.

    ****     33  LINE(S) READ,     0 PROCEDURE(S) COMPILED,

    ****    146  P_INSTRUCTIONS GENERATED,    0.00 SECONDS IN COMPILATION.
```

```
****      STANFORD PASCAL POST-PROCESSOR, VERSION OF OCT.-79.

****      NO ASSEMBLY ERROR(S) DETECTED.

****      688 BYTES OF CODE GENERATED,  0.00 SECONDS IN POST_PROCESSING.
```

```
                                              VS LOADER

 OPTIONS USED - PRINT,MAP,NOLET,CALL,RES,NOTERM,SIZE=307200,NAME=**GO


      NAME    TYPE   ADDR        NAME   TYPE   ADDR        NAME   TYPE   ADDR        NAME   TYPE   ADDR        NAME   TYPE   ADDR

   $MAINBLK   SD   AC010     $PASENT  * SD   AC2C0     $PASINT  * LR   AC828     IFYVERRM* LR   ACEF2     IHCERRM  * LR   ACEF2
   IHOERRM *  LR   ACEF2     IHNERRM  * LR   ACEF2     ERRMON   * LR   ACEF2     IFYVERRE* LR   ACF26     IHOERRE  * LR   ACF26
   IHNERRE *  LR   ACF26     IHCERRE  * LR   ACF26     $PASCSP  * LR   ACF30     $WRADDR  * SD   AE5A8     $IDLEN   * SD   AE758
   $GETPNAM*  SD   AE7E8     $ALIGN   * SD   AE978     $ERRMSG  * SD   AE9C0     $TRANSVA* SD   AECC8     $CNVTNUM* SD   AED50
   $PRNT   *  SD   AEE90     $IVSCAN  * SD   AFC20     $PRNTVAR* SD   B0298     $FROMLIN* SD   B0818     $PRNTLNK* SD   B09B8
   $PRNTSYS*  SD   B0B78     SNAPSHOT* SD   B1650     #MAINBLK* SD   B1B50


   TOTAL LENGTH     5BA8
   ENTRY ADDRESS    AC2C0
```

```
LINE # RANGE   RUN CNT  CONSTRUCT      PAGE   1
---- - -----   --- ---  ----------     ---- ---


    9 -  33        1   PROCEDURE: $MAINBLK
   13 -  33       49     FOR STMT
   16 -  30     6517       FOR STMT
   21 -  28    72665         FOR STMT
   25 -  25     4746           THEN CLAUSE
   29 -  29     6517           LABELLED STMT
```

```
        MM         MM  AAAAAAAAAA   NN         NN  DDDDDDDDD        ##      ##   PPPPPPPPPPP   AAAAAAAAAA   SSSSSSSSSS
        MMM       MMM  AAAAAAAAAAAA NNN        NN  DDDDDDDDDD       ##      ##   PPPPPPPPPPPP  AAAAAAAAAAAA SSSSSSSSSSSS
        MMMM     MMMM  AA        AA NNNN       NN  DD        DD  ############   PP        PP  AA        AA SS        SS
        MM MM   MM MM  AA        AA NN NN      NN  DD        DD  ############   PP        PP  AA        AA SS
        MM  MMMM  MM   AA        AA NN  NN     NN  DD        DD     ##      ##  PP        PP  AA        AA SSS
        MM   MM   MM   AAAAAAAAAAAA NN   NN    NN  DD        DD     ##      ##  PPPPPPPPPPPP  AAAAAAAAAAAA SSSSSSSSSS
        MM        MM   AAAAAAAAAAAA NN    NN   NN  DD        DD     ##      ##  PPPPPPPPPPP   AAAAAAAAAAAA SSSSSSSSS
        MM        MM   AA        AA NN     NN  NN  DD        DD     ##      ##  PP                      AA         SSS
        MM        MM   AA        AA NN      NNNN  DD        DD  ############   PP                      AA          SS
        MM        MM   AA        AA NN       NNN  DD        DD     ##      ##  PP                      AA SS       SS
        MM        MM   AA        AA NN        NN  DDDDDDDDDD       ##      ##  PP                      AA SSSSSSSSSSSS
        MM        MM   AA        AA NN         N  DDDDDDDDD        ##      ##  PP                      AA SSSSSSSSSS


            JJJJJJJJJJ      11        2222222222   6666666666        444                 AAAAAAAAAA
            JJJJJJJJJJ      111      222222222222  666666666666      4444                AAAAAAAAAAAA
                   JJ       1111     22        22  66        66     44  44                AA        AA
                   JJ       11                22  66              44  44                AA        AA
                   JJ       11                22  66              44  44                AA        AA
                   JJ       11               22   6666666666     44444444444            AAAAAAAAAAAA
                   JJ       11              22    666666666666   44444444444            AAAAAAAAAAAA
                   JJ       11             22     66        66        44                AA        AA
            JJ     JJ       11            22      66        66        44                AA        AA
            JJ     JJ       11            22      66        66        44                AA        AA
            JJJJJJJJ     1111111111  222222222222  666666666666       44                AA        AA
             JJJJJJ      1111111111  222222222222   6666666666        44                AA        AA


****A    END    JOB 1264   MAND#PAS                    ROOM          6.31.37 PM 16 MAY 20   PRINTER1  SYS TK4-   JOB 1264   END    A****
****A    END    JOB 1264   MAND#PAS                    ROOM          6.31.37 PM 16 MAY 20   PRINTER1  SYS TK4-   JOB 1264   END    A****
****A    END    JOB 1264   MAND#PAS                    ROOM          6.31.37 PM 16 MAY 20   PRINTER1  SYS TK4-   JOB 1264   END    A****
****A    END    JOB 1264   MAND#PAS                    ROOM          6.31.37 PM 16 MAY 20   PRINTER1  SYS TK4-   JOB 1264   END    A****
```