```
            PPPPPPPPPPP    IIIIIIIIII      ##     ##     FFFFFFFFFFFF  000000000000  RRRRRRRRRR
            PPPPPPPPPPPP   IIIIIIIIII      ##     ##     FFFFFFFFFFFF  000000000000  RRRRRRRRRRRR
            PP        PP       II       ############   FF              00        00  RR        RR
            PP        PP       II       ############   FF              00        00  RR        RR
            PP        PP       II          ##     ##   FF              00        00  RR        RR
            PPPPPPPPPPPP       II          ##     ##   FFFFFFFF        00        00  RRRRRRRRRRRR
            PPPPPPPPPPP        II          ##     ##   FFFFFFFF        00        00  RRRRRRRRRR
            PP                 II          ##     ##   FF              00        00  RR      RR
            PP                 II       ############   FF              00        00  RR      RR
            PP                 II       ############   FF              00        00  RR      RR
            PP              IIIIIIIIII      ##     ##   FF             000000000000  RR      RR
            PP              IIIIIIIIII      ##     ##   FF             000000000000  RR      RR


            JJJJJJJJJJ   555555555555    8888888888        11                              AAAAAAAAAA
            JJJJJJJJJJ   555555555555   888888888888       111                            AAAAAAAAAAAA
                  JJ     55             88        88       1111                           AA        AA
                  JJ     55             88        88       11                             AA        AA
                  JJ     55             88        88       11                             AA        AA
                  JJ     555555555        88888888         11                             AAAAAAAAAAAA
                  JJ     5555555555       88888888         11                             AAAAAAAAAAAA
                  JJ             55     88        88       11                             AA        AA
            JJ    JJ             55     88        88       11                             AA        AA
            JJ    JJ             55     88        88       11                             AA        AA
            JJJJJJJJ    555555555555   888888888888    1111111111                         AA        AA
              JJJJJJ      5555555555     8888888888    1111111111                         AA        AA


****A  START  JOB  581  PI#FOR                        ROOM       8.14.59 PM 23 APR 20  PRINTER1 SYS TK4-  JOB  581  START  A****
****A  START  JOB  581  PI#FOR                        ROOM       8.14.59 PM 23 APR 20  PRINTER1 SYS TK4-  JOB  581  START  A****
****A  START  JOB  581  PI#FOR                        ROOM       8.14.59 PM 23 APR 20  PRINTER1 SYS TK4-  JOB  581  START  A****
****A  START  JOB  581  PI#FOR                        ROOM       8.14.59 PM 23 APR 20  PRINTER1 SYS TK4-  JOB  581  START  A****
```

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

20.14.58 JOB  581   IEF677I WARNING MESSAGE(S) FOR JOB PI#FOR    ISSUED
20.14.58 JOB  581   $HASP373 PI#FOR    STARTED - INIT  1 - CLASS A - SYS TK4-
20.14.58 JOB  581   IEF403I PI#FOR - STARTED - TIME=20.14.58
20.14.58 JOB  581   IEFACTRT - STEPNAME  PROCSTEP  PROGRAM    RETCODE
20.14.58 JOB  581   PI#FOR    ASM                  IFOX00     RC= 0000
20.14.58 JOB  581   PI#FOR    FORT                 IEKAA00    RC= 0000
20.14.59 JOB  581   PI#FOR    GO                   LOADER     RC= 0000
20.14.59 JOB  581   IEF404I PI#FOR - ENDED - TIME=20.14.59
20.14.59 JOB  581   $HASP395 PI#FOR    ENDED


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

 23 APR 20 JOB EXECUTION DATE

         7 CARDS READ

       176 SYSOUT PRINT RECORDS

         0 SYSOUT PUNCH RECORDS

      0.01 MINUTES EXECUTION TIME
```

```
   1      //PI#FOR JOB CLASS=A,MSGCLASS=A,MSGLEVEL=(1,1),NOTIFY=HERC01,            JOB  581
          //              USER=HERC01,PASSWORD=         GENERATED BY IKJEFF10
   2      // EXEC ASMFC,REGION=256K,PARM='NODECK,NOLIST,OBJECT'
   3      XXASMFC    PROC  MAC='SYS1.MACLIB',MAC1='SYS1.MACLIB',                   00000100
          XX         MAC2='SYS1.MACLIB',MAC3='SYS1.MACLIB',SOUT='*'                00000200
   4      XXASM      EXEC  PGM=IFOX00,REGION=128K                                  00000300
   5      XXSYSLIB   DD    DSN=&MAC,DISP=SHR                                       00000400
   6      XX         DD    DSN=&MAC1,DISP=SHR                                      00000500
   7      XX         DD    DSN=&MAC2,DISP=SHR                                      00000600
   8      XX         DD    DSN=&MAC3,DISP=SHR                                      00000700
   9      XXSYSUT1   DD    DSN=&&SYSUT1,UNIT=SYSSQ,SPACE=(1700,(600,100)),         00000800
          XX             SEP=(SYSLIB)                                             00000900
  10      XXSYSUT2   DD    DSN=&&SYSUT2,UNIT=SYSSQ,SPACE=(1700,(300,50)),          00001000
          XX             SEP=(SYSLIB,SYSUT1)                                      00001100
  11      XXSYSUT3   DD    DSN=&&SYSUT3,UNIT=SYSSQ,SPACE=(1700,(300,50))           00001200
  12      XXSYSPRINT DD    SYSOUT=&SOUT,DCB=BLKSIZE=1089                           00001300
  13      XXSYSPUNCH DD    SYSOUT=B                                                00001400
  14      //SYSIN DD DSN=ASSEMBLY.TEST.SOURCE(I2A),DISP=SHR
  15      //SYSGO DD DSN=&&LOADSET,UNIT=SYSDA,SPACE=(80,(200,50)),DISP=(MOD,PASS)
  16      // EXEC FORTHCG,PARM.FORT='OPT=2,NOSOURCE',PARM.GO=NOPRINT
  17      XXFORT EXEC PGM=IEKAA00,REGION=228K
  18      XXSYSPRINT DD SYSOUT=A
  19      XXSYSPUNCH DD SYSOUT=B
  20      XXSYSLIN DD DSNAME=&LOADSET,UNIT=SYSSQ,DISP=(MOD,PASS),
          XX SPACE=(400,(200,50),RLSE)
  21      //SYSIN DD DSN=PI.TEST.SOURCE(PI#FOR),DISP=SHR
  22      XXGO EXEC PGM=LOADER,COND=(4,LT),
          XX PARM='LET,NORES,EP=MAIN'
  23      XXSYSLIB DD DSNAME=SYS1.FORTLIB,DISP=SHR
  24      XXSYSLOUT DD SYSOUT=A
  25      XXSYSLIN DD DSNAME=&LOADSET,DISP=(OLD,DELETE)
  26      XXFT05F001 DD DDNAME=SYSIN
  27      XXFT06F001 DD SYSOUT=A
  28      XXFT07F001 DD SYSOUT=B
```

```
   STMT NO. MESSAGE
 -
      5      IEF653I SUBSTITUTION JCL - DSN=SYS1.MACLIB,DISP=SHR
      6      IEF653I SUBSTITUTION JCL - DSN=SYS1.MACLIB,DISP=SHR
      7      IEF653I SUBSTITUTION JCL - DSN=SYS1.MACLIB,DISP=SHR
      8      IEF653I SUBSTITUTION JCL - DSN=SYS1.MACLIB,DISP=SHR
     12      IEF653I SUBSTITUTION JCL - SYSOUT=*,DCB=BLKSIZE=1089
     28      IEF686I DDNAME REFERRED TO ON DDNAME KEYWORD IN PRIOR STEP WAS NOT RESOLVED
IEF236I ALLOC. FOR PI#FOR ASM
IEF237I 148  ALLOCATED TO SYSLIB
IEF237I 148  ALLOCATED TO
IEF237I 148  ALLOCATED TO
IEF237I 140  ALLOCATED TO SYSUT1
IEF237I 170  ALLOCATED TO SYSUT2
IEF237I 180  ALLOCATED TO SYSUT3
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO SYSPUNCH
IEF237I 242  ALLOCATED TO SYSIN
IEF237I 190  ALLOCATED TO SYSGO
IEF142I PI#FOR ASM - STEP WAS EXECUTED - COND CODE 0000
IEF285I   SYS1.MACLIB                          KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.MACLIB                          KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.MACLIB                          KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS1.MACLIB                          KEPT          *--------0
IEF285I   VOL SER NOS= MVSRES.
IEF285I   SYS20114.T201458.RA000.PI#FOR.SYSUT1    DELETED       *--------6
IEF285I   VOL SER NOS= WORK00.
IEF285I   SYS20114.T201458.RA000.PI#FOR.SYSUT2    DELETED       *--------7
IEF285I   VOL SER NOS= WORK01.
IEF285I   SYS20114.T201458.RA000.PI#FOR.SYSUT3    DELETED       *--------7
IEF285I   VOL SER NOS= WORK02.
IEF285I   JES2.JOB00581.SO0101                 SYSOUT
IEF285I   JES2.JOB00581.SO0102                 SYSOUT
IEF285I   ASSEMBLY.TEST.SOURCE                 KEPT          *--------2
IEF285I   VOL SER NOS= MV0001.
IEF285I   SYS20114.T201458.RA000.PI#FOR.LOADSET   PASSED        *--------3
IEF285I   VOL SER NOS= WORK03.
IEF373I STEP /ASM    / START 20114.2014
IEF374I STEP /ASM    / STOP  20114.2014 CPU    0MIN 00.06SEC SRB    0MIN 00.01SEC VIRT   256K SYS   184K
*********************************************************************************************************************
*    1. JOBSTEP OF JOB: PI#FOR     STEPNAME: ASM       PROGRAM NAME: IFOX00     EXECUTED ON 23.04.20 FROM 20.14.58 TO 20.14.58 *
*       ELAPSED TIME   24:00:00,25                 CPU-IDENTIFIER:  TK4-        PAGE-IN:      0                *
*           CPU TIME   00:00:00,07         VIRTUAL STORAGE USED:    256K        PAGE-OUT:     0                *
*       CORR. CPU:  00:00:00,07   CPU TIME HAS BEEN CORRECTED BY  1 / 1,0  MULTIPLIER                          *
*                                                                                                             *
*    I/O OPERATION                                                                                            *
*    NUMBER OF RECORDS READ VIA DD * OR DD DATA:      0                                                       *
*    148.......0 148.......0 148.......0 148.......0 140.......6 170.......7 180.......7 DMY.......0 DMY.......0 242.......2   *
*    190.......3                                                                                              *
*                                                                                                             *
*                              CHARGE FOR STEP (W/O SYSOUT):         0,11                                     *
*********************************************************************************************************************
IEF236I ALLOC. FOR PI#FOR FORT
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I JES2 ALLOCATED TO SYSPUNCH
IEF237I 190  ALLOCATED TO SYSLIN
IEF237I 242  ALLOCATED TO SYSIN
IEF142I PI#FOR FORT - STEP WAS EXECUTED - COND CODE 0000
IEF285I   JES2.JOB00581.SO0103                 SYSOUT
```

```
IEF285I    JES2.JOB00581.S00104                          SYSOUT
IEF285I    SYS20114.T201458.RA000.PI#FOR.LOADSET         PASSED        *------264
IEF285I    VOL SER NOS= WORK03.
IEF285I    PI.TEST.SOURCE                                KEPT          *--------2
IEF285I    VOL SER NOS= MV0001.
IEF373I STEP /FORT    / START 20114.2014
IEF374I STEP /FORT    / STOP  20114.2014 CPU    0MIN 00.06SEC SRB    0MIN 00.05SEC VIRT   292K SYS    212K
***********************************************************************************************************
*     2. JOBSTEP OF JOB: PI#FOR      STEPNAME: FORT       PROGRAM NAME: IEKAA00    EXECUTED ON 23.04.20 FROM 20.14.58 TO 20.14.58 *
*           ELAPSED TIME   24:00:00,27                   CPU-IDENTIFIER:  TK4-           PAGE-IN:     0                      *
*              CPU TIME   00:00:00,11              VIRTUAL STORAGE USED:    292K         PAGE-OUT:    0                      *
*           CORR. CPU:  00:00:00,11   CPU TIME HAS BEEN CORRECTED BY  1 / 1,0  MULTIPLIER                                   *
*                                                                                                                          *
*      I/O OPERATION                                                                                                       *
*     NUMBER OF RECORDS READ VIA DD * OR DD DATA:      0                                                                    *
*     DMY.......0 DMY.......0 190.....264 242.......2                                                                      *
*                                                                                                                          *
*                                CHARGE FOR STEP (W/O SYSOUT):        0,18                                                  *
***********************************************************************************************************
IEF236I ALLOC. FOR PI#FOR GO
IEF237I 148  ALLOCATED TO SYSLIB
IEF237I JES2 ALLOCATED TO SYSLOUT
IEF237I 190  ALLOCATED TO SYSLIN
IEF237I DMY  ALLOCATED TO FT05F001
IEF237I JES2 ALLOCATED TO FT06F001
IEF237I JES2 ALLOCATED TO FT07F001
IEF142I PI#FOR GO - STEP WAS EXECUTED - COND CODE 0000
IEF285I    SYS1.FORTLIB                                  KEPT          *-------65
IEF285I    VOL SER NOS= MVSRES.
IEF285I    JES2.JOB00581.S00105                          SYSOUT
IEF285I    SYS20114.T201458.RA000.PI#FOR.LOADSET         DELETED       *------268
IEF285I    VOL SER NOS= WORK03.
IEF285I    JES2.JOB00581.S00106                          SYSOUT
IEF285I    JES2.JOB00581.S00107                          SYSOUT
IEF373I STEP /GO      / START 20114.2014
IEF374I STEP /GO      / STOP  20114.2014 CPU    0MIN 00.29SEC SRB    0MIN 00.06SEC VIRT   332K SYS    212K
***********************************************************************************************************
*     3. JOBSTEP OF JOB: PI#FOR      STEPNAME: GO         PROGRAM NAME: LOADER     EXECUTED ON 23.04.20 FROM 20.14.58 TO 20.14.59 *
*           ELAPSED TIME   24:00:00,60                   CPU-IDENTIFIER:  TK4-           PAGE-IN:     0                      *
*              CPU TIME   00:00:00,35              VIRTUAL STORAGE USED:    332K         PAGE-OUT:    0                      *
*           CORR. CPU:  00:00:00,35   CPU TIME HAS BEEN CORRECTED BY  1 / 1,0  MULTIPLIER                                   *
*                                                                                                                          *
*      I/O OPERATION                                                                                                       *
*     NUMBER OF RECORDS READ VIA DD * OR DD DATA:      0                                                                    *
*     148......65 DMY.......0 190.....268 DMY.......0 DMY.......0 DMY.......0                                               *
*                                                                                                                          *
*                                CHARGE FOR STEP (W/O SYSOUT):        0,58                                                  *
***********************************************************************************************************
IEF375I  JOB /PI#FOR  / START 20114.2014
IEF376I  JOB /PI#FOR  / STOP  20114.2014 CPU    0MIN 00.41SEC SRB    0MIN 00.12SEC
```

          COMPILER OPTIONS - NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,
                            NOSOURCE,EBCDIC,NOLIST,NODECK,LOAD,NOMAP,NOEDIT,NOID,NOXREF

OPTIONS IN EFFECT   NAME= MAIN,OPT=02,LINECNT=50,SIZE=0000K,

OPTIONS IN EFFECT   NOSOURCE,EBCDIC,NOLIST,NODECK,LOAD,NOMAP,NOEDIT,NOID,NOXREF

STATISTICS   SOURCE STATEMENTS =   21 ,PROGRAM SIZE =   15004

STATISTICS NO DIAGNOSTICS GENERATED

****** END OF COMPILATION ******   53K BYTES OF CORE NOT USED

3.14159265358979323846264338327950288419716939937510582097494459230781640628620899862803482534211706790679
82148086513282306647093844609550582231725359408128481117450284102701938521105559644622948954930381964
44288109756659334461284756482337867831652712019091456485669234603486104543266482133936072602491413
72458700660631558817488152092096282925409171536436789259036001133053054882046652138414695194151160094
33057270365759591953092186117381932611793105118548074462379962749567351885752724891227938183011949129
983367336244065664308602139494639522473719070217986094370277053921717629317675238467481846766940513120
00056812714526356082778577134275778960917363717872146844090122495343014654958537105079227968925892354
2019956112129021960864034418159813629774771309960518707211349999998372978049951059731732816096318595
50244594553469083026425223082533446850352619311881710100031378387528865875332083814206171776691473035
5982534904287554687311595628638823537875937519577818577805321712268066130019278766111959092164201989

```
              PPPPPPPPPP    IIIIIIIIII      ##    ##    FFFFFFFFFFFF  000000000000  RRRRRRRRRR
              PPPPPPPPPPPP  IIIIIIIIIII     ##    ##    FFFFFFFFFFFF  000000000000  RRRRRRRRRRRR
              PP        PP      II         ############ FF            00        00  RR        RR
              PP        PP      II         ############ FF            00        00  RR        RR
              PP        PP      II            ##    ##  FF            00        00  RR        RR
              PPPPPPPPPPPP      II            ##    ##  FFFFFFFF      00        00  RRRRRRRRRRRR
              PPPPPPPPPPP       II            ##    ##  FFFFFFFF      00        00  RRRRRRRRRR
              PP                II            ##    ##  FF            00        00  RR      RR
              PP                II         ############ FF            00        00  RR      RR
              PP             IIIIIIIIII    ############ FF            00        00  RR      RR
              PP             IIIIIIIIII       ##    ##  FF            000000000000  RR      RR
              PP             IIIIIIIIII       ##    ##  FF            000000000000  RR      RR


              JJJJJJJJJJ  555555555555   8888888888       11                              AAAAAAAAAA
              JJJJJJJJJJ  555555555555  888888888888      111                            AAAAAAAAAAAA
                    JJ    55            88        88     1111                            AA        AA
                    JJ    55            88        88       11                            AA        AA
                    JJ    55            88        88       11                            AA        AA
                    JJ    555555555        88888888        11                            AAAAAAAAAAAA
                    JJ    5555555555       88888888        11                            AAAAAAAAAAAA
                    JJ            55     88        88       11                            AA        AA
              JJ    JJ            55   88          88       11                            AA        AA
              JJ    JJ            55   88          88       11                            AA        AA
              JJJJJJJJ    555555555555 888888888888   1111111111                         AA        AA
              JJJJJJ      5555555555    8888888888    1111111111                         AA        AA


****A    END    JOB  581  PI#FOR                    ROOM        8.14.59 PM 23 APR 20   PRINTER1  SYS TK4-  JOB  581   END   A****
****A    END    JOB  581  PI#FOR                    ROOM        8.14.59 PM 23 APR 20   PRINTER1  SYS TK4-  JOB  581   END   A****
****A    END    JOB  581  PI#FOR                    ROOM        8.14.59 PM 23 APR 20   PRINTER1  SYS TK4-  JOB  581   END   A****
****A    END    JOB  581  PI#FOR                    ROOM        8.14.59 PM 23 APR 20   PRINTER1  SYS TK4-  JOB  581   END   A****
```