Reference JCLs

By

Himanshu R Khatri

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IKJEFT01
//*-----------------------------------------------------------------*
//*** RECALLING MIGRATED DATA SET(S) USING IKJEFT01.                *
//*-----------------------------------------------------------------*
//SYSTSIN  DD *
  HRECALL 'RATE97.COMP.UDE.WORK.RECORDS.WA1' WAIT
/*
//*
//SYSOUT   DD SYSOUT=*
//SYSPRINT DD SYSOUT=*
//SYSTSPRT DD SYSOUT=*
//SYSUDUMP DD SYSOUT=*
//*
```

```
//UND24H    JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*----------------------------------------------------------------*
//*** DEFINE GDG BASE USING IDCAMS.                                *
//*----------------------------------------------------------------*
//SYSIN    DD *
  DEFINE GDG(NAME('UND24.HIMANSHU.GDG') -
            LIMIT(3)                    -
            NOEMPTY                     -
            SCRATCH)
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*-------------------------------------------------------------------*
//*** DISPLAY GDG PROPERTIES USING IDCAMS.                            *
//*-------------------------------------------------------------------*
//SYSIN    DD *
  LISTCAT ENTRIES(UND24.HIMANSHU.GDG) ALL
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H    JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IEFBR14
//*----------------------------------------------------------------*
//*** DELETE ALL GDG VERSIONS USING IEFBR14.                       *
//*----------------------------------------------------------------*
//DD01     DD DSN=UND24.HIMANSHU.GDG,
//            DISP=(OLD,DELETE,DELETE)
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*------------------------------------------------------------------*
//*** DELETE GDG BASE USING IDCAMS.                                  *
//*** FORCE - ALL CLUSTERS IN THE CATALOGUE.                         *
//*** NOFORCE - DELETES EMPTY CATALOGUE. IF CATALOGUE DOES HAVE CLUSTER*
//***           ENTRIES, IT WILL NOT DELETE.                         *
//*** PURGE - EVEN THOUGH GDG HAS RETENTION PERIOD, IT DELETES ALL    *
//***         ENTRIES.                                               *
//*** NOPURGE - IF GDG HAS RETENTION PERIOD, IT WILL NOT DELETE THE   *
//***           ENTRIES.                                             *
//*------------------------------------------------------------------*
//SYSIN    DD *
  DELETE UND24.TSPCACCT.CNTL
  DELETE UND24.TSPCACCT.DATA
  DELETE UND24.TSPCPOL.CNTL
  DELETE UND24.TSPCPOL.DATA
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H    JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IEBPTPCH
//*------------------------------------------------------------------*
//*** CHECKING FILE IS EMPTY OR NOT USING IEBPTPCH.                  *
//*------------------------------------------------------------------*
//SYSUT1   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SYSUT2   DD DUMMY
//*
//SYSIN    DD *
  PRINT
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24S1  JOB ,'H. KHATRI',CLASS=G,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=ISRSUPC,PARM=(SRCHCMP,ANYC,SDUPM)
//*-------------------------------------------------------------*
//*** SEACRH FOR A STRING IN DATA SET(S) USING ISRSUPC.         *
//*-------------------------------------------------------------*
//NEWDD    DD DSN=PROD.SOURCE,
//            DISP=SHR
//OUTDD    DD SYSOUT=*
//*
//SYSIN    DD *
  SRCHFOR 'HURRDED'
  SRCHFOR 'HURR-DED '
/*
//*
//SYSOUT   DD SYSOUT=*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IEFBR14
//*------------------------------------------------------------------*
//*** CREATE EMPTY PS/GDG VERSION USING IEFBR14.                     *
//*------------------------------------------------------------------*
//DD01     DD DSN=UND24.BILLCONV.PROD.UNLOAD.ACCT.POL,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(LRECL=149,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(750,750),RLSE),
//            UNIT=(SYSDA,3)
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** COPY USING SYNCSORT.                                           *
//*------------------------------------------------------------------*
//SORTIN   DD DSN=AUTO2.WKFLFTP.EARS.ID10,DISP=SHR
/*
//SORTOUT  DD DSN=UND24.UND24.WKFLFTP.EARS.ID10,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(BLKSIZE=0,RECFM=FB,DSORG=PS),
//            UNIT=VSM
//*
//SYSIN    DD *
  SORT FIELDS=COPY
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** SORT DATA USING SYNCSORT                                       *
//*------------------------------------------------------------------*
//SORTIN    DD DSN=UND24.HIMANSHU.TESTF1,
//             DISP=SHR
//SORTOUT   DD DSN=UND24.HIMANSHU.TESTF2,
//             DISP=(NEW,CATLG,DELETE),
//             DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//             SPACE=(CYL,(10,10),RLSE),
//             UNIT=SYSDA
//*
//SYSIN     DD *
  SORT FIELDS=(40,4,ZD,A,
               7,4,CH,A)
/*
//*
//SYSOUT    DD SYSOUT=*
//*
```

```
//UND24H    JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*-------------------------------------------------------------------*
//*** SKIP INITIAL RECORDS AND COPY DATA USING SYNCSORT.              *
//*-------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  SORT FIELDS=COPY,SKIPREC=4
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** SKIP LATER RECORDS AND COPY DATA USING SYNCSORT.               *
//*------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  SORT FIELDS=COPY,STOPAFT=3
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** COPY MATCHING CRITERIA RECORDS USING SYNCSORT.                 *
//*** EQ ===> EQUAL TO                                              *
//*** NE ===> NOT EQUAL TO                                          *
//*** GT ===> GREATER THAN                                          *
//*** GE ===> GREATER THAN OR EQUAL TO                              *
//*** LT ===> LESS THAN                                             *
//*** LE ===> LESS THAN OR EQUAL TO                                 *
//*------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  INCLUDE COND=(51,10,CH,EQ,C'MANAGER',AND,
               35,4,ZD,GT,4000)
  SORT FIELDS=COPY
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*-------------------------------------------------------------------*
//*** COPY NON-MATCHING CRITERIA RECORDS USING SYNCSORT.             *
//*** EQ ===> EQUAL TO                                              *
//*** NE ===> NOT EQUAL TO                                          *
//*** GT ===> GREATER THAN                                          *
//*** GE ===> GREATER THAN OR EQUAL TO                              *
//*** LT ===> LESS THAN                                             *
//*** LE ===> LESS THAN OR EQUAL TO                                 *
//*-------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  OMIT COND=(51,10,CH,EQ,C'MANAGER',OR,
             1,5,ZD,GE,10100)
  SORT FIELDS=COPY
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*-----------------------------------------------------------------*
//*** SPLIT FILE DEPENDING ON CONDITION USING SYNCSORT.            *
//*** EQ ===> EQUAL TO                                            *
//*** NE ===> NOT EQUAL TO                                        *
//*** GT ===> GREATER THAN                                        *
//*** GE ===> GREATER THAN OR EQUAL TO                            *
//*** LT ===> LESS THAN                                           *
//*** LE ===> LESS THAN OR EQUAL TO                               *
//*-----------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOF01 DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//SORTOF02 DD DSN=UND24.HIMANSHU.TESTF3,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//SORTOF03 DD DSN=UND24.HIMANSHU.TESTF4,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  SORT FIELDS=COPY
```

```
  OUTFIL FILES=01,INCLUDE=(51,10,CH,EQ,C'PRES')

  OUTFIL FILES=02,INCLUDE=(51,10,CH,EQ,C'MANAGER')

  OUTFIL FILES=03,INCLUDE=(51,10,CH,EQ,C'SALESREP')

/*

//*

//SYSOUT    DD SYSOUT=*

//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** REMOVE DUPLICATE DATA USING SYNCSORT.                          *
//*------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//SORTXSUM DD DSN=UND24.HIMANSHU.TESTF3,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  SORT FIELDS=(1,5,ZD,A)
  SUM FIELDS=NONE,XSUM
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** FORMATTING FILE USING INREC SYNCSORT.                          *
//*** 2:7,10 ==> DATA AT 7TH POS OF LENGTH 10 COPIED TO 2ND POS OF OUT.*
//*** 57C' ' ==> PADDING SPACES TO LAST 57 BYTES.                    *
//*------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  INREC FIELDS=(C'¦',2:7,10,
                C'¦',13:20,10,
                C'¦',57C' ')
  SORT FIELDS=(2,10,CH,A)
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** FORMATTING FILE USING OUTREC SYNCSORT.                         *
//*** 2:7,10 ==> DATA AT 7TH POS OF LENGTH 10 COPIED TO 2ND POS OF OUT.*
//*** 38C' ' ==> PADDING SPACES TO LAST 38 BYTES.                    *
//*------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  SORT FIELDS=(7,10,CH,A)
  INCLUDE COND=(51,7,CH,EQ,C'MANAGER')
  OUTREC FIELDS=(X'05',2:7,10,
               X'05',13:20,10,
               X'05',24:40,10,
               X'05',35:51,7,
               X'05',38C' ')
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*----------------------------------------------------------------*
//*** SPLIT INPUT FILE WITHOUT SEQUENCE USING SYNCSORT.            *
//*** IF INPUT FILE HAS 10 RECORDS THEN -                         *
//*** OUT FILE 1 ==> REC 1, 4, 7, 10                              *
//*** OUT FILE 2 ==> REC 2, 5, 8                                  *
//*** OUT FILE 3 ==> REC 3, 6, 9                                  *
//*----------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//OUT1     DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//OUT2     DD DSN=UND24.HIMANSHU.TESTF3,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//OUT3     DD DSN=UND24.HIMANSHU.TESTF4,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  SORT FIELDS=COPY
  OUTFIL FNAMES=(OUT1,OUT2,OUT3),SPLIT
/*
```

```
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//PG07HK JOB ,'H. KHATRI',CLASS=G,PRTY=02,
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*----------------------------------------------------------------*
//*** SPLIT INPUT FILE WITH SEQUENCE USING SYNCSORT.              *
//*** IF INPUT FILE HAS 10 RECORDS AND USING SPLIT1R=4            *
//*** OUT FILE 1 ==> REC 1, 2, 3, 4                               *
//*** OUT FILE 2 ==> REC 5, 6, 7, 8                               *
//*** OUT FILE 3 ==> REC 9, 10                                    *
//*----------------------------------------------------------------*
//SORTIN   DD DSN=STORINF.EDB.G3869V00,DISP=SHR
/*
//OUT1     DD DSN=UND24.STORINF.EDB.F3869V00.FILE01,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(BLKSIZE=0,RECFM=FB,DSORG=PS),
//            UNIT=(SYSDA,5),
//            SPACE=(CYL,(500,500),RLSE)
//OUT2     DD DSN=UND24.STORINF.EDB.F3869V00.FILE02,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(BLKSIZE=0,RECFM=FB,DSORG=PS),
//            UNIT=(SYSDA,5),
//            SPACE=(CYL,(500,500),RLSE)
//OUT3     DD DSN=UND24.STORINF.EDB.F3869V00.FILE03,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(BLKSIZE=0,RECFM=FB,DSORG=PS),
//            UNIT=(SYSDA,5),
//            SPACE=(CYL,(500,500),RLSE)
//OUT4     DD DSN=UND24.STORINF.EDB.F3869V00.FILE04,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(BLKSIZE=0,RECFM=FB,DSORG=PS),
//            UNIT=(SYSDA,5),
//            SPACE=(CYL,(500,500),RLSE)
```

```
//OUT5     DD DSN=UND24.STORINF.EDB.F3869V00.FILE05,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(BLKSIZE=0,RECFM=FB,DSORG=PS),
//            UNIT=(SYSDA,5),
//            SPACE=(CYL,(500,500),RLSE)
//OUT6     DD DSN=UND24.STORINF.EDB.F3869V00.FILE06,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(BLKSIZE=0,RECFM=FB,DSORG=PS),
//            UNIT=(SYSDA,5),
//            SPACE=(CYL,(500,500),RLSE)
//OUT7     DD DSN=UND24.STORINF.EDB.F3869V00.FILE07,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(BLKSIZE=0,RECFM=FB,DSORG=PS),
//            UNIT=(SYSDA,5),
//            SPACE=(CYL,(500,500),RLSE)
//*
//SYSIN    DD *
  SORT FIELDS=COPY,EQUALS
  OUTFIL FNAMES=(OUT1,OUT2,OUT3,OUT4,OUT5,OUT6,OUT7),
        SPLIT1R=350000
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H    JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** SPLIT INPUT FILE WITH SEQUENCE USING SYNCSORT.                 *
//*** IF INPUT FILE HAS 10 RECORDS AND USING SPLITBY=3               *
//*** OUT FILE 1 ==> REC (1, 2, 3) AND (7, 8, 9)                     *
//*** OUT FILE 2 ==> REC (4, 5, 6) AND (10)                         *
//*------------------------------------------------------------------*
//SORTIN    DD DSN=UND24.HIMANSHU.TESTF1,
//             DISP=SHR
//OUT1      DD DSN=UND24.HIMANSHU.TESTF2,
//             DISP=(NEW,CATLG,DELETE),
//             DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//             SPACE=(CYL,(10,10),RLSE),
//             UNIT=SYSDA
//OUT2      DD DSN=UND24.HIMANSHU.TESTF3,
//             DISP=(NEW,CATLG,DELETE),
//             DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//             SPACE=(CYL,(10,10),RLSE),
//             UNIT=SYSDA
//*
//SYSIN     DD *
  SORT FIELDS=COPY
  OUTFIL FNAMES=(OUT1,OUT2),SPLITBY=3
/*
//*
//SYSOUT    DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*-----------------------------------------------------------------*
//*** ASCII TO EBCDIC CONVERSION USING SYNCSORT.                    *
//*-----------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  SORT FIELDS=COPY
  OUTREC BUILD=(1,80,TRAN=ATOE)
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H    JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*-----------------------------------------------------------------*
//*** EBCDIC TO ASCII CONVERSION USING SYNCSORT.                    *
//*-----------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  SORT FIELDS=COPY
  OUTREC BUILD=(1,80,TRAN=ETOA)
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=G,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** MATCHING RECORDS KEYS IN SAME PLACE NO DUPLICATES USING SYNCSORT.*
//*------------------------------------------------------------------*
//IN1      DD DSN=UND24.CW.MSTR.EXTR,
//            DISP=SHR
//IN2      DD DSN=UND24.CONSPOL.MASTER.MONTHLY.HISTORY.EXTR,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.MATCHING,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(BLKSIZE=0,RECFM=VB,DSORG=PS),
//            SPACE=(CYL,(500,500),RLSE),
//            UNIT=SYSDA
//*
//* HERE ALL RECORDS FROM F2 WHICH ARE MATCHED WITH F1 WILL BE WRITTEN
//* IN SORTOUT
//SYSIN    DD *
  JOINKEYS F1=IN1,FIELDS=(12,10,A)
  JOINKEYS F2=IN2,FIELDS=(12,10,A)
  REFORMAT FIELDS=(F2:1,4,5)
  OPTION COPY
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H    JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** NON-MATCHING RECORDS KEYS IN SAME PLACE NO DUPLICATES USING    *
//*** SYNCSORT.                                                      *
//*------------------------------------------------------------------*
//IN1      DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//IN2      DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF3,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//* HERE ALL RECORDS FROM F1 WHICH ARE NOT MATCHED WITH F2 WILL BE
//* WRITTEN IN SORTOUT
//SYSIN    DD *
  JOINKEYS F1=IN1,FIELDS=(1,5,A)
  JOINKEYS F2=IN2,FIELDS=(1,5,A)
  JOIN UNPAIRED,F1,ONLY
  OPTION COPY
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** FB FILE TO VB FILE USING SYNCSORT.                            *
//*------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(LRECL=84,BLKSIZE=0,RECFM=VB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  OUTFIL BUILD=(1,80),FTOV,VLTRIM=X'40'
  OPTION COPY
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** VB FILE TO FB FILE USING SYNCSORT.                             *
//*------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF5,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF6,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  OUTFIL BUILD=(5,80),VTOF
   OPTION COPY
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** CHANGE DATA FROM UPPER CASE TO LOWER CASE USING SYNCSORT.      *
//*------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  SORT FIELDS=COPY
  OUTREC BUILD=(1,80,TRAN=UTOL)
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** CHANGE DATA FROM LOWER CASE TO UPPER CASE USING SYNCSORT.      *
//*------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF3,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  SORT FIELDS=COPY
  OUTREC BUILD=(1,80,TRAN=LTOU)
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*-----------------------------------------------------------------*
//*** REPLACING LOW-VALUES TO SPACES USING SYNCSORT.               *
//*-----------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  SORT FIELDS=COPY
  ALTSEQ CODE=(0040)
  OUTREC BUILD=(1,80,TRAN=ALTSEQ)
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*------------------------------------------------------------------*
//*** CREATE KSDS VSAM FILE USING IDCAMS.                            *
//*------------------------------------------------------------------*
//SYSIN    DD *
  DEFINE CLUSTER -
    (NAME('UND24.HIMANSHU.KSDSV1') -
     CYL(10,10)                   -
     VOLUMES(*)                   -
     KEYS(5,0)                    -
     RECORDSIZE(80,80)            -
     REUSE                        -
     INDEXED)                     -
  DATA -
    (NAME('UND24.HIMANSHU.KSDSV1.DATA')) -
  INDEX -
    (NAME('UND24.HIMANSHU.KSDSV1.INDE'))
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*----------------------------------------------------------------*
//*** LOAD A KSDS VSAM FILE (OPTION 1) USING IDCAMS.               *
//*----------------------------------------------------------------*
//SYSIN    DD *
  REPRO -
    INDATASET(UND24.HIMANSHU.TESTF1) -
    OUTDATASET(UND24.HIMANSHU.KSDSV1)
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*----------------------------------------------------------------*
//*** LOAD A KSDS VSAM FILE (OPTION 2) USING IDCAMS.               *
//*** ALL THE RECORDS IN THE SOURCE FILE WHOSE KEYS DO NOT MATCH THE  *
//*** KEYS OF THE TARGET DATASET ARE ADDED TO THE TARGET DATASET. ALL  *
//*** THE RECORDS IN THE SOURCE FILE WHOSE KEYS MATCH KEYS OF THE     *
//*** TARGET DATASET REPLACE THOSE RECORDS IN THE TARGET DATASET.    *
//*----------------------------------------------------------------*
//INDD1    DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//OUTDD1   DD DSN=UND24.HIMANSHU.KSDSV1,
//            DISP=(OLD,CATLG,DELETE)
//*
//SYSIN    DD *
  REPRO -
    INFILE(INDD1) -
    OUTFILE(OUTDD1) -
    REPLACE
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*------------------------------------------------------------------*
//*** LOAD A KSDS VSAM FILE (OPTION 3) USING IDCAMS.                 *
//*** REUSE WILL LOGICALLY DELETE THE RECORDS OF A TARGET KSDS, ESDS *
//*** AND RRDS AND ADD NEW RECORDS.                                  *
//*** THE TARGET DATASET MUST HAVE BEEN DEFINED WITH THE REUSE OPTION *
//*** IN THE DEFINE CLUSTER COMMAND.                                 *
//*------------------------------------------------------------------*
//INDD1    DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//OUTDD1   DD DSN=UND24.HIMANSHU.KSDSV1,
//            DISP=(OLD,CATLG,DELETE)
//*
//SYSIN   DD *
  REPRO -
    INFILE(INDD1) -
    OUTFILE(OUTDD1) -
    REUSE
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*----------------------------------------------------------------*
//*** LOAD A KSDS VSAM FILE (OPTION 4) USING IDCAMS.               *
//*** OPTION SKIP WILL DO NOT COPY FIRST 3 RECORDS.                *
//*----------------------------------------------------------------*
//INDD1     DD DSN=UND24.HIMANSHU.TESTF1,
//             DISP=SHR
//OUTDD1    DD DSN=UND24.HIMANSHU.KSDSV1,
//             DISP=(OLD,CATLG,DELETE)
//*
//SYSIN    DD *
  REPRO -
    INFILE(INDD1) -
    OUTFILE(OUTDD1) -
    SKIP(3) -
    REUSE
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*------------------------------------------------------------------*
//*** LOAD A KSDS VSAM FILE (OPTION 5) USING IDCAMS.                 *
//*** OPTION COUNT WILL COPY FIRST 5 RECORDS.                        *
//*------------------------------------------------------------------*
//INDD1    DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//OUTDD1   DD DSN=UND24.HIMANSHU.KSDSV1,
//            DISP=(OLD,CATLG,DELETE)
//*
//SYSIN    DD *
  REPRO -
    INFILE(INDD1) -
    OUTFILE(OUTDD1) -
    COUNT(5) -
    REUSE
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*------------------------------------------------------------------*
//*** LOAD A KSDS VSAM FILE (OPTION 6) USING IDCAMS.                 *
//*** OPTION FROMKEY AND TOKEY WILL COPY RECORDS FROM AND TO KEY.    *
//*------------------------------------------------------------------*
//INDD1    DD DSN=UND24.HIMANSHU.KSDSV1,
//            DISP=SHR
//OUTDD1   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=(OLD,CATLG,DELETE)
//*
//SYSIN    DD *
  REPRO -
    INFILE(INDD1) -
    OUTFILE(OUTDD1) -
    FROMKEY(10030) -
    TOKEY(10070) -
    REUSE
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*----------------------------------------------------------------*
//*** VERIFY A KSDS VSAM FILE USING IDCAMS.                        *
//*----------------------------------------------------------------*
//SYSIN    DD *
  VERIFY DATASET(UND24.HIMANSHU.KSDSV1)
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*-----------------------------------------------------------------*
//*** DELETE A KSDS VSAM FILE USING IDCAMS.                         *
//*-----------------------------------------------------------------*
//SYSIN    DD *
  DELETE -
    UND24.HIMANSHU.KSDSV1 CLUSTER
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H    JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IDCAMS
//*------------------------------------------------------------------*
//*** CHECKING FILE IS EMPTY OR NOT USING IDCAMS.                    *
//*------------------------------------------------------------------*
//INDD1    DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//*
//SYSIN    DD *
  PRINT INFILE(INDD1) COUNT(1)
/*
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IEBCOMPR
//*------------------------------------------------------------------*
//*** COMPARE TWO FILES USING IEBCOMPR.                             *
//*** IF FILES ARE PS, USE TYPORG=PS.                              *
//*** IF FILES ARE PDSE, USE TYPORG=PO.                            *
//*------------------------------------------------------------------*
//SYSUT1   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SYSUT2   DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=SHR
//*
//SYSIN    DD *
  COMPARE TYPORG=PS
/*
//*
//SYSOUT   DD SYSOUT=*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H    JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*----------------------------------------------------------------*
//*** GET COUNT OF INPUT FILE USING SYNCSORT.                      *
//*----------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD SYSOUT=*
//*
//SYSIN    DD *
  SORT FIELDS=COPY
  OUTFIL REMOVECC,NODETAIL,
  TRAILER1=('NUMBER OF RECORDS ARE: ',COUNT=(M11,LENGTH=12))
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H    JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*-----------------------------------------------------------------*
//*** FIND DATE DIFFERENCE USING SYNCSORT.                          *
//*-----------------------------------------------------------------*
//SORTIN   DD *
20141231 20141230
/*
//SORTOUT  DD SYSOUT=*
//*
//SYSIN    DD *
  INREC FIELDS=(C'DATE DIFFERENCE IN DAYS FOR ',
                29:1,4,C'-',
                34:5,2,C'-',
                37:7,2,C' AND ',
                44:10,4,C'-',
                49:14,2,C'-',
                52:16,2,C' =',
                57:1,8,Y4T,DATEDIFF,10,8,Y4T)
  SORT FIELDS=COPY
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*----------------------------------------------------------------*
//*** CONVERT GREGORIAN DATE TO JULIAN DATE USING SYNCSORT.        *
//*----------------------------------------------------------------*
//SORTIN   DD *
20141231
/*
//SORTOUT  DD SYSOUT=*
//*
//SYSIN    DD *
  INREC FIELDS=(C'GREGORIAN DATE ',
                16:1,8,C' = JULAIN DATE ',
                39:1,8,Y4T,TOJUL=Y4T)
  SORT FIELDS=COPY
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*----------------------------------------------------------------*
//*** CONVERT JULIAN DATE TO GREGORIAN DATE USING SYNCSORT.        *
//*----------------------------------------------------------------*
//SORTIN   DD *
2014365
/*
//SORTOUT  DD SYSOUT=*
//*
//SYSIN    DD *
  INREC FIELDS=(C'JULIAN DATE ',
               13:1,7,C' = GREGORIAN DATE ',
               38:1,7,Y4T,TOGREG=Y4T)
  SORT FIELDS=COPY
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*-------------------------------------------------------------------*
//*** COPY IN REVERSE ORDER USING SYNCSORT.                           *
//*-------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF2,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  INREC FIELDS=(1,80,SEQNUM,10,ZD)
  SORT FIELDS=(81,10,ZD,D)
  OUTREC FIELDS=(1,80)
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H    JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT,PARM='NULLOUT=RC4'
//*------------------------------------------------------------------*
//*** CHECKING FILE IS EMPTY OR NOT USING SYNCSORT.                  *
//*------------------------------------------------------------------*
//SORTIN   DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=SHR
//SORTOUT  DD DUMMY
//*
//SYSIN    DD *
  SORT FIELDS=COPY
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=SYNCSORT
//*------------------------------------------------------------------*
//*** REPLACING CHARACTERS USING SYNCSORT.                          *
//*------------------------------------------------------------------*
//SORTIN   DD *
10010 CHRISTINE  I HAAS       A00 3978 1965-01-01 PRES
10020 MICHAEL    L THOMPSON   B01 3476 1973-10-10 MANAGER
10030 SALLY      A KWAN       C01 4738 1975-04-05 MANAGER
10050 JOHN       B GEYER      E01 6789 1949-08-17 MANAGER
10060 IRVING     F STERN      D11 6423 1973-09-14 MANAGER
10070 EVA        D PULASKI    D21 7831 1980-09-30 MANAGER
10090 EILEEN     W HENDERSON  E11 5498 1970-08-15 MANAGER
10100 THEODORE   Q SPENSER    E21 0972 1980-06-19 MANAGER
10110 VINCENZO   G LUCCHESSI  A00 3490 1958-05-16 SALESREP
/*
//SORTOUT  DD DSN=UND24.HIMANSHU.TESTF1,
//            DISP=(OLD,CATLG,DELETE),
//            DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//            SPACE=(CYL,(10,10),RLSE),
//            UNIT=SYSDA
//*
//SYSIN    DD *
  SORT FIELDS=COPY
  OUTREC FINDREP=(IN=C'MANAGER',OUT=C'DAMAGER')
/*
//*
//SYSOUT   DD SYSOUT=*
//*
```

```
//UND24H    JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IEBGENER
//*----------------------------------------------------------------*
//*** COPY PS FILE INTO PS FILE USING IEBGENER.                    *
//*----------------------------------------------------------------*
//SYSUT1    DD DSN=UND24.HIMANSHU.TESTF1,
//             DISP=SHR
//SYSUT2    DD DSN=UND24.HIMANSHU.TESTF2,
//             DISP=(NEW,CATLG,DELETE),
//             DCB=(LRECL=80,BLKSIZE=0,RECFM=FB,DSORG=PS),
//             SPACE=(CYL,(10,10),RLSE),
//             UNIT=SYSDA
//*
//SYSIN     DD DUMMY
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=IEBGENER
//*------------------------------------------------------------------*
//*** SUBMIT MULTIPLE JOBS IN SINGLE STEP USING IEBGENER.            *
//*------------------------------------------------------------------*
//SYSUT1    DD DSN=UND24.HIMANSHU.JCL(TESTJ010),
//             DISP=SHR
//          DD DSN=UND24.HIMANSHU.JCL(TESTJ049),
//             DISP=SHR
//SYSUT2    DD SYSOUT=(,INTRDR)
//*
//SYSIN     DD DUMMY
//*
//SYSPRINT DD SYSOUT=*
//*
```

```
//UND24H   JOB ,'H. KHATRI',CLASS=E,PRTY=02,MSGLEVEL=(1,1),
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//STEP0010 EXEC PGM=ISRSUPC,PARM=(DELTAL,LINECMP,'','')
//*------------------------------------------------------------------*
//*** COMPARE TWO FILES USING ISRSUPC.                               *
//*** IF MAX-RC = 0000, FOUND NO DIFFERENCES.                        *
//*** IF MAX-RC = 0001, FOUND DIFFERENCES.                           *
//*------------------------------------------------------------------*
//NEWDD    DD DSN=UND24.TEXAS.PLACE.CODES.DEC2013,
//            DISP=SHR
//OLDDD    DD DSN=UND24.TEXAS.PLACE.CODES.DEC2013,
//            DISP=SHR
//*
//SYSIN    DD *
  CMPCOLM 1:68
/*
//*
//OUTDD    DD SYSOUT=*
//*
```

```
//PG07MQ JOB ,'H. KHATRI',CLASS=E,PRTY=02,
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//* COPYQ MQBT,PAD_PNA_MAINT_REQ_QL
//*    TO UND24.QUEUE.DATA
//*
//COPYQ    EXEC PGM=CSQUTIL,PARM=('MQBT')
//STEPLIB  DD DSN=PRODLIB,
//            DISP=SHR
//CSQUOUT  DD DSN=UND24.QUEUE.DATA,
//            DISP=(NEW,CATLG,DELETE),
//            DCB=(RECFM=VBS,BLKSIZE=23200),
//            SPACE=(CYL,(5,1),RLSE),
//            UNIT=SYSDA
//SYSPRINT DD SYSOUT=*
//SYSIN    DD *
  COPY QUEUE(PAD_PNA_MAINT_REQ_QL)
//*
```

```
//PG07MQ JOB ,'H. KHATRI',CLASS=E,PRTY=02,
// NOTIFY=UND24,USER=UND24,MSGCLASS=H
//*
//* LOADQ MQBT,PAD_PNA_MAINT_REQ_QL
//*    FROM UND24.QUEUE.DATA
//*
//LOADQ    EXEC PGM=CSQUTIL,PARM=('MQBT')
//STEPLIB  DD DSN=PRODLIB,
//            DISP=SHR
//CSQUINP  DD DSN=UND24.QUEUE.DATA,
//            DISP=SHR
//SYSPRINT DD SYSOUT=*
//SYSIN    DD *
LOAD QUEUE(PAD_PNA_MAINT_REQ_QL)
//*
```

```
//PG07A JOB ,'H. KHATRI',CLASS=G,PRTY=02,
// NOTIFY=UND24,USER=UND24,MSGCLASS=H,RESTART=STEP2
//* STEP1: DELETE VSAM FILES
//STEP2    EXEC  PGM=ADRDSSU
//SYSPRINT DD  SYSOUT=*,
//              DCB=(LRECL=133)
//SYSIN    DD  *
  PARALLEL
  COPY DS(INCLUDE(AMICANO.INDEX))                       -
     RENUNC((AMICANO.INDEX,                             -
     UND24.COMP.AMICANO.INDEX.HRK))                     -
     NULLSTORCLAS NULLMGMTCLAS                          -
     TGTA(SRC) ALLD(*) TOL(ENQF)
   COPY DS(INCLUDE(AMICANO.MASTER))                     -
     RENUNC((AMICANO.MASTER,                            -
     UND24.COMP.AMICANO.MASTER.HRK))                    -
     NULLSTORCLAS NULLMGMTCLAS                          -
     TGTA(SRC) ALLD(*) TOL(ENQF)
  /*
```