

IDENTIFICATION DIVISION.

PROGRAM-ID. KC03DBAB.

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ENVIRONMENT DIVISION.

INPUT-OUTPUT SECTION.

FILE-CONTROL.

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SELECT 100-INPUT-FILE  ASSIGN TO BLMAST
    ORGANIZATION IS    INDEXED
    ACCESS MODE IS     DYNAMIC
    RECORD KEY IS      INFILE01 OF 100-INPUT-RECORD
    FILE STATUS IS     WS-OLDMASTER-FILE-STATUS.
SELECT 200-INPUT-FILE  ASSIGN TO BLMAST
    ORGANIZATION IS    INDEXED
    ACCESS MODE IS     DYNAMIC
    RECORD KEY IS      INFILE02 OF 200-INPUT-RECORD
    FILE STATUS IS     WS-ADDMASTER-FILE-STATUS.
SELECT 300-INPUT-FILE  ASSIGN TO BLUPD
    ORGANIZATION IS    INDEXED
    ACCESS MODE IS     DYNAMIC
    RECORD KEY IS      INFILE03 OF 300-INPUT-RECORD
    FILE STATUS IS     WS-UPDATE-FILE-STATUS.
SELECT 400-OUTPUT-FILE ASSIGN TO OTFILE01
    FILE STATUS IS     WS-OUTPUT-FILE-STATUS.
SELECT 500-OUTPUT-FILE ASSIGN TO OTFILE02
    FILE STATUS IS     WS-OUTPUT-FILE-STATUS.
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DATA DIVISION.

FILE SECTION.

FD 100-INPUT-FILE.

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    COPY BLMASTC      REPLACING BLMAST
        BY 100-INPUT-RECORD.
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FD 200-INPUT-FILE.

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    COPY BLMASTC      REPLACING BLMAST
        BY 200-INPUT-RECORD.
```

FD 300-INPUT-FILE.

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    COPY BLUPDC        REPLACING BLUPD
        BY 300-INPUT-RECORD.
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FD 400-OUTPUT-FILE

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    BLOCK CONTAINS 0 RECORDS.
    COPY OTFILE01C     REPLACING OTFILE01
        BY 400-OUTPUT-RECORD.
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FD 500-OUTPUT-FILE

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BLOCK CONTAINS 0 RECORDS.
COPY OTFILE02      REPLACING OTFILE02
                     BY 500-OUTPUT-RECORD.
WORKING-STORAGE SECTION.
01 WS-BEG          PIC X(32) VALUE
  '** THIS IS BEGIN OF WS KC03DBAB **'.
COPY BLMASTC      REPLACING BLMAST
                     BY WS-INPUT-FILE-STATUS.
COPY BLMASTC      REPLACING BLMAST
                     BY WS-INPUT-FILE-STATUS.
COPY BLUPDC      REPLACING BLUPD
                     BY WS-INPUT-FILE-STATUS.
COPY OTFILE01C    REPLACING BLERPT
                     BY WS-OUTPUT-FILE-STATUS.
COPY OTFILE02C    REPLACING BLERRM
                     BY WS-OUTPUT-FILE-STATUS.
01 WS-SUBROUTINES.
  05 SR0009        PIC X(08) VALUE 'SR0009'.
  05 SR0002        PIC X(08) VALUE 'SR0002'.
01 WS-SR0009-PTR  USAGE PROCEDURE-POINTER VALUE NULL.
01 WS-CALCULATION.
  05 WS-INPUT-COUNT  PIC S9(05) COMP-3 VALUE ZERO.
  05 WS-OUTPUT-COUNT PIC S9(05) COMP-3 VALUE ZERO.
  05 WS-LINE-COUNT   PIC S9(03) COMP-3 VALUE +55.
  05 WS-LINE-MAX     PIC S9(03) COMP-3 VALUE +55.
  05 WS-LINE-HEADER  PIC S9(03) COMP-3 VALUE +10.
  05 WS-PAGE-COUNT   PIC S9(05) COMP-3 VALUE ZERO.
COPY SR0009C      REPLACING SR0009
                     BY WS-SR0009-PARMS.
01 MASTER-RECORD.
000200 05 EMPLOYEE-SSN.                00020000
000300 10 SSN-FIRST-PART  PIC 9(03).    00030000
000400 10 SSN-SECOND-PART PIC 9(02).    00040000
000500 10 SSN-THIRD-PART  PIC 9(04).    00050000
000600 05 EMPLOYEE-LAST-NAME PIC X(10). 00060000
000700 05 EMPLOYEE-FIRST-NAME PIC X(10). 00070000
000800 05 EMPLOYEE-MIDDLE-INITIAL PIC X. 00080000
000900 05 WORK-DEPARTMENT  PIC X(04).    00090000
001000 05 WORK-DIVISION    PIC X(04).    00100000
001100 05 HOURS-WORKED-YTD PIC S9(05)V99 COMP-3. 00110000
001200 05 HOURLY-PAY-RATE  PIC S99V99.    00120000
001300 05 PAY-YTD          PIC S9(07)V99 COMP-3. 00130000
001400 05 FILLER          PIC X(29).    00140000
000100 01 UPDATE-RECORD.                00010000

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000200 05 TRANSACTION-ID PIC 9(05). 00020000
000300 05 EMPLOYEE-SSN. 00030000
000400 10 SSN-FIRST-PART PIC 9(03). 00040000
000500 10 SSN-SECOND-PART PIC 9(02). 00050000
000600 10 SSN-THIRD-PART PIC 9(04). 00060000
000700 05 UPDATE-FIELD-IND PIC X(01). 00070000
000800 88 UPD-LAST-NAME VALUE '1'. 00080000
000900 88 UPD-FIRST-NAME VALUE '2'. 00090000
001000 88 UPD-MIDDLE-NAME VALUE '3'. 00100000
001100 88 UPD-WORK-DEP VALUE '4'. 00110000
001200 88 UPD-WORK-DIV VALUE '5'. 00120000
001300 88 UPD-HOURS-WORK VALUE '6'. 00130000
001400 88 UPD-HOURLY-PAY VALUE '7'. 00140000
001500 88 UPD-PAY-YTD VALUE '8'. 00150000
001600 05 UPDATE-FIELD PIC X(65). 00160000
001700 05 UPD-EMPLOYEE-LAST-NAME REDEFINES UPDATE-FIELD. 00170000
001800 10 EMPLOYEE-LAST-NAME PIC X(10). 00180000
001900 10 FILLER PIC X(55). 00190000
002000 05 UPD-EMPLOYEE-FIRST-NAME REDEFINES UPDATE-FIELD.
00200000
002100 10 EMPLOYEE-FIRST-NAME PIC X(10). 00210000
002200 10 FILLER PIC X(55). 00220000
002300 05 UPD-EMPLOYEE-MIDDLE-INITIAL REDEFINES UPDATE-FIELD.
00230000
002400 10 EMPLOYEE-MIDDLE-INITIAL PIC X. 00240000
002500 10 FILLER PIC X(64). 00250000
002600 05 UPD-WORK-DEPARTMENT REDEFINES UPDATE-FIELD. 00260000
002700 10 WORK-DEPARTMENT PIC X(04). 00270000
002800 10 FILLER PIC X(61). 00280000
002900 05 UPD-WORK-DIVISION REDEFINES UPDATE-FIELD. 00290000
003000 10 WORK-DIVISION PIC X(04). 00300000
003100 10 FILLER PIC X(61). 00310000
003200 05 UPD-HOURS-WORKED-YTD REDEFINES UPDATE-FIELD. 00320000
003210 10 HOURS-WORKED-YTD-X PIC X(07). 00321001
003300 10 HOURS-WORKED-YTD REDEFINES HOURS-WORKED-YTD-X 00330001
003310 PIC 9(05)V99. 00331001
003400 10 FILLER PIC X(58). 00340000
003500 05 UPD-HOURLY-PAY-RATE REDEFINES UPDATE-FIELD. 00350000
003510 10 HOURLY-PAY-RATE-X PIC X(04). 00351001
003600 10 HOURLY-PAY-RATE REDEFINES HOURLY-PAY-RATE-X 00360001
003610 PIC 99V99. 00361001
003700 10 FILLER PIC X(61). 00370000
003800 05 UPDATE-PAY-YTD REDEFINES UPDATE-FIELD. 00380000

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003810 10 PAY-YTD-X PIC X(09). 00381001
003900 10 PAY-YTD REDEFINES PAY-YTD-X 00390001
003910 PIC 9(07)V99. 00391001
004000 10 FILLER PIC X(56). 00400000
COPY BLERPTC.
01 WS-END PIC X(32) VALUE
  '** THIS IS BEGIN OF WS KC03DBAB **'.
LINKAGE SECTION.
01 LS-PARMS.
  05 LS-LENGTH PIC S9(04) COMP.
  05 LS-INFILE01 PIC 9(05).
  05 LS-INFILE02 PIC 9(05).
  05 LS-INFILE03 PIC 9(05).
PROCEDURE DIVISION USING LS-PARMS.
  SET WS-SR0009-PTR TO ENTRY SR0009.
  0000-MAIN-PROCESS.
  PERFORM 1000-INITIAL THRU 1000-EXIT.
  PERFORM 2000-PROCESS THRU 2000-EXIT
  UNTIL FILE-AT-END OF WS-INPUT-FILE-STATUS.
  PERFORM 3000-END THRU 3000-EXIT.
  MOVE ZERO TO RETURN-CODE.
  GOBACK.

  1000-INITIAL.
  OPEN I-O 100-INPUT-FILE
              200-INPUT-FILE
              300-INPUT-FILE

  OUTPUT 400-OUTPUT-FILE
              500-OUTPUT-FILE.
  IF FILE-OK OF WS-INPUT-FILE-STATUS
  CONTINUE
  ELSE
  DISPLAY '***** KC03DBAB ABEND *****'
  UPON CONSOLE
  DISPLAY '* PARA 1000-INITIAL FAIL*'
  UPON CONSOLE
  DISPLAY '* OPEN I-O BLMAS ERROR*'
  UPON CONSOLE
  DISPLAY '* FILE STATUS = ' WS-INPUT-FILE-STATUS
  UPON CONSOLE
  DISPLAY '***** KC03DBAB ABEND *****'
  UPON CONSOLE
  CALL SR0002
  END-IF.
  IF FILE-OK OF WS-INPUT-FILE-STATUS

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CONTINUE
ELSE
  DISPLAY '***** KC03DBAB ABEND ***** '
  UPON CONSOLE
  DISPLAY '* PARA 1000-INITIAL FAIL*'
  UPON CONSOLE
  DISPLAY '* OPEN I-O BLMAST ERROR*'
  UPON CONSOLE
  DISPLAY '* FILE STATUS = ' WS-INPUT-FILE-STATUS
  UPON CONSOLE
  DISPLAY '***** KC03DBAB ABEND ***** '
  UPON CONSOLE
  CALL SR0002
END-IF.
IF FILE-OK OF WS-INPUT-FILE-STATUS
  CONTINUE
ELSE
  DISPLAY '***** KC03DBAB ABEND ***** '
  UPON CONSOLE
  DISPLAY '* PARA 1000-INITIAL FAIL*'
  UPON CONSOLE
  DISPLAY '* OPEN I-O BLUPD ERROR*'
  UPON CONSOLE
  DISPLAY '* FILE STATUS = ' WS-INPUT-FILE-STATUS
  UPON CONSOLE
  DISPLAY '***** KC03DBAB ABEND ***** '
  UPON CONSOLE
  CALL SR0002
END-IF.
IF FILE-OK OF WS-OUTPUT-FILE-STATUS
  CONTINUE
ELSE
  DISPLAY '***** KC03DBAB ABEND ***** '
  UPON CONSOLE
  DISPLAY '* PARA 1000-INITIAL FAIL*'
  UPON CONSOLE
  DISPLAY '* OPEN OUTPUT OTFILE01 ERROR*'
  UPON CONSOLE
  DISPLAY '* FILE STATUS = ' WS-OUTPUT-FILE-STATUS
  UPON CONSOLE
  DISPLAY '***** KC03DBAB ABEND ***** '
  UPON CONSOLE
  CALL SR0002
END-IF.
IF FILE-OK OF WS-OUTPUT-FILE-STATUS
  CONTINUE
ELSE

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DISPLAY '***** KC03DBAB ABEND          *****'
  UPON CONSOLE
DISPLAY '* PARA 1000-INITIAL              FAIL*'
  UPON CONSOLE
DISPLAY '* OPEN OUTPUT  OTFILE02          ERROR*'
  UPON CONSOLE
DISPLAY '* FILE STATUS = ' WS-OUTPUT-FILE-STATUS
  UPON CONSOLE
DISPLAY '***** KC03DBAB ABEND          *****'
  UPON CONSOLE
CALL SR0002
END-IF.
PERFORM 1100-START-VSAM THRU 1100-EXIT.
IF FILE-OK OF WS-INPUT-FILE-STATUS
  PERFORM 8000-READ-BLUPD THRU 8000-EXIT
  INITIALIZE WS-SR0009-PARMS
  MOVE BLMAST KEY TO INFILE01 KEY.
  SET OPEN-FILES OF WS-SR0009-PARMS TO TRUE
  CALL WS-SR0009-PTR USING WS-SR0009-PARMS
  IF BLMAST KEY < INFILE02 KEY.
    MOVE BLMAST KEY TO INFILE02 KEY.
  IF BLUPD KEY < INFILE03 KEY.
    MOVE BLUPD KEY TO INFILE03 KEY.
  CONTINUE
ELSE
  DISPLAY '***** KC03DBAB ABEND          *****'
    UPON CONSOLE
  DISPLAY '* PARA 1000-INITIAL              FAIL*'
    UPON CONSOLE
  DISPLAY '* CALL WS-SR0009-PTR            ERROR*'
    UPON CONSOLE
  DISPLAY '* WS-SR0009-PARMS = ' WS-SR0009-PARMS
    UPON CONSOLE
  DISPLAY '***** KC03DBAB ABEND          *****'
    UPON CONSOLE
  CALL SR0002
END-IF
ELSE
  PERFORM 6100-WRITE-HEADER THRU 6100-EXIT
  MOVE WS-NULL-REPORT TO MASTER-RECORD
  PERFORM 7000-WRITE-REPORT THRU 7000-EXIT
  SET FILE-AT-END OF WS-INPUT-FILE-STATUS TO TRUE
END-IF.
  1000-EXIT.
EXIT.

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1100-START-VSAM.
MOVE LS-INFILE01    TO INFILE01
      OF 100-INPUT-RECORD.
MOVE LS-INFILE02    TO INFILE02
      OF 200-INPUT-RECORD.
MOVE LS-INFILE03    TO INFILE03
      OF 300-INPUT-RECORD.
START 100-INPUT-FILE KEY IS >= INFILE01
      OF 100-INPUT-RECORD.
START 200-INPUT-FILE KEY IS >= INFILE02
      OF 200-INPUT-RECORD.
START 300-INPUT-FILE KEY IS >= INFILE03
      OF 300-INPUT-RECORD.
019300 IF FILE-OK OF WS-INPUT-FILE-STATUS
019400   CONTINUE
019500 ELSE
019600   IF NO-RECORD-FOUND OF WS-INPUT-FILE-STATUS
019700     SET FILE-AT-END OF WS-INPUT-FILE-STATUS TO TRUE
019800   ELSE
019900     DISPLAY '*****  KC03DBAB  ABEND          ***** '
020000     UPON CONSOLE
020100     DISPLAY '* PARA  1000-INITIAL              FAIL*'
020200     UPON CONSOLE
020300     DISPLAY '* OPEN  I-O  BLMAST              ERROR*'
020400     UPON CONSOLE
020500     DISPLAY '* FILE  STATUS  = ' WS-INPUT-FILE-STATUS
020600     UPON CONSOLE
020700     DISPLAY '*****  KC03DBAB  ABEND          ***** '
020800     UPON CONSOLE
020900     CALL SR0002
021000   END-IF
021100 END-IF.
021200 1100-EXIT.
021300 EXIT.
021400 2000-PROCESS.
021500 PERFORM 6000-CHECK-HEADER THRU 6000-EXIT.
021600 MOVE BLMAST      OF 100-INPUT-RECORD
021700 TO BLMAST      OF WS-OLDMASTER-FILE-STATUS.
021800 MOVE BLMAST      OF 200-INPUT-RECORD
021900 TO BLMAST      OF WS-ADDMAS-TER-LINE.
      MOVE BLUPD      OF 300-INPUT-RECORD
021900 TO BLUPD      OF WS-UPDATE-FILE-STATUS.
022000 INITIALIZE WS-SR0009-PARMS.
022100 SET UPD-FIRST-NAME OF WS-BLUPD-PARMS TO TRUE.

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022200 MOVE STATE-CD      OF 100-INPUT-RECORD
022300 TO STATE-CD      OF WS-BLUPD-PARMS.
022400 MOVE RACE-CD      OF 100-INPUT-RECORD
022500 TO RACE-CD      OF WS-BLUPD-PARMS.
022600 CALL WS-BLUPD-PTR USING WS-BLUPD-PARMS
022700 IF RETURN-SUCCESS OF WS-BLUPD-PARMS
022800 MOVE RACE-NAME      OF WS-BLUPD-PARMS
022900 TO RACE-NAME      OF WS-DETAIL-LINE
023000 MOVE STATE-NAME     OF WS-BLUPD-PARMS
023100 TO STATE-NAME     OF WS-DETAIL-LINE
023200 ELSE
023300 DISPLAY '***** KC03DBAB ABEND          *****'
023400 UPON CONSOLE
023500 DISPLAY '* PARA 1000-INITIAL          FAIL*'
023600 UPON CONSOLE
023700 DISPLAY '*CALL WS-SR0009-PTR          ERROR*'
023800 UPON CONSOLE          02380006
023900 DISPLAY '*WS-SR0009-PARMS = ' WS-SR0009-PARMS 02390006
024000 UPON CONSOLE          02400006
024100 DISPLAY '***** KC03DBAB ABEND          *****' 024100
024200 UPON CONSOLE          02420006
024300 CALL SR0002          02430006
024400 END-IF.            02440006
024500 ADD +1 TO WS-OUTPUT-COUNT.          02450006
024600 MOVE WS-DETAIL-LINE TO 400-REPORT-RECORD. 02460006
024700 PERFORM 7000-WRITE-REPORT THRU 7000-EXIT. 02470006
024800 PERFORM 8000-READ-BLMAST THRU 8000-EXIT. 02480006
024900 2000-EXIT.          02490006
025000 EXIT.              02500006
025100 3000-END.          02510006
025200 IF WS-OTFILE01-COUNT > ZERO          02520
025300 PERFORM 6000-CHECK-HEADER THRU 6000-EXIT 02530006
025400 MOVE WS-END-OF-OUTPUT TO 400-OUTPUT-RECORD 02540006
025500 PERFORM 7000-WRITE-REPORT THRU 7000-EXIT 02550006
025600 INITIALIZE WS-SR0009-PARMS          0256000
025700 SET CLOSE-FILES OF WS-SR0009-PARMS TO TRUE 0257000
025800 CALL WS-SR0009-PTR USING WS-SR0009-PARMS 025800
025900 IF RETURN-SUCCESS OF WS-SR0009-PARMS 0259000
026000 CONTINUE          02600006
026100 ELSE              02610006
026200 DISPLAY '***** KC03DBAB ABEND          *****' 026200
026300 UPON CONSOLE          02630006
026400 DISPLAY '* PARA 3000-END          FAIL*'
02640006

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026500     UPON CONSOLE                                02650006
026600     DISPLAY '*CALL WS-SR0009-PTR                                ERROR*'
0266000
026700     UPON CONSOLE                                02670006
026800     DISPLAY '*WS-SR0009-PARMS = ' WS-SR0009-PARMS      026800
026900     UPON CONSOLE                                02690006
027000     DISPLAY '***** KC03DBAB ABEND                      *****' 027000
027100     UPON CONSOLE                                02710006
027200     CALL SR0002                                02720006
027300     END-IF                                     02730006
027400     END-IF.                                     02740006
027500     DISPLAY '***** KC03DBAB STATS                      *****'. 027500
027600     DISPLAY '*BLMAST READ  ' WS-INPUT-COUNT.
           DISPLAY '*BLMAST READ  ' WS-INPUT-COUNT.
           DISPLAY '*BLUPD READ   ' WS-INPUT-COUNT.
027700     DISPLAY '*OTFILE01 WRITE ' WS-OUTPUT-COUNT.
           DISPLAY '*OTFILE02 WRITE ' WS-OUTPUT-COUNT.      02770006
027800     DISPLAY '***** KC03DBAB STATS                      *****'. 027800
027900     CLOSE 100-INPUT-FILE
           200-INPUT-FILE
           300-INPUT-FILE
028000     400-REPORT-FILE
           500-MESSAGE-FILE.
028100     IF FILE-OK OF WS-INPUT-FILE-STATUS                02810006
028200     CONTINUE                                02820006
028300     ELSE                                02830006
028400     DISPLAY '***** KC03DBAB ABEND                      *****' 028400
028500     UPON CONSOLE                                02850006
028600     DISPLAY '*PARA 3000-END                                FAIL*'
02860006
028700     UPON CONSOLE                                02870006
028800     DISPLAY '*CLOSE      BLMAS T                                ERROR*'
02880006
028900     UPON CONSOLE                                02890006
029000     DISPLAY '*FILE STATUS = ' WS-INPUT-FILE-STATUS      02900006
029100     UPON CONSOLE                                02910006
029200     DISPLAY '***** KC03DBAB ABEND                      *****' 029200
029300     UPON CONSOLE                                02930006
029400     CALL SR0002                                02940006
029500     END-IF.                                     02950006
029600     IF FILE-OK OF WS-INPUT-FILE-STATUS                02960006
029700     CONTINUE                                02970006
029800     ELSE                                02980006
029900     DISPLAY '***** KC03DBAB ABEND                      *****' 029900
030000     UPON CONSOLE                                03000006

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030100  DISPLAY '*PARA 3000-END                                FAIL*'
03010006
030200  UPON CONSOLE                                03020006
030300  DISPLAY '*CLOSE                                BLMAST          ERROR*'
03030006
030400  UPON CONSOLE                                03040006
030500  DISPLAY '*FILE STATUS = ' WS-INPUT-FILE-STATUS      03050006
030600  UPON CONSOLE                                03060006
030700  DISPLAY '***** KC03DBAB ABEND          *****'      030700
030800  UPON CONSOLE                                03080006
030900  CALL SR0002                                03090006
031000  END-IF.

      IF FILE-OK OF WS-INPUT-FILE-STATUS          02960006
029700  CONTINUE                                02970006
029800  ELSE                                02980006
029900  DISPLAY '***** KC03DBAB ABEND          *****'      029900
030000  UPON CONSOLE                                03000006
030100  DISPLAY '*PARA 3000-END                                FAIL*'
03010006
030200  UPON CONSOLE                                03020006
030300  DISPLAY '*CLOSE                                BLUPD          ERROR*'
03030006
030400  UPON CONSOLE                                03040006
030500  DISPLAY '*FILE STATUS = ' WS-INPUT-FILE-STATUS      03050006
030600  UPON CONSOLE                                03060006
030700  DISPLAY '***** KC03DBAB ABEND          *****'      030700
030800  UPON CONSOLE                                03080006
030900  CALL SR0002                                03090006
031000  END-IF.

      IF FILE-OK OF WS-OUTPUT-FILE-STATUS          02960006
029700  CONTINUE                                02970006
029800  ELSE                                02980006
029900  DISPLAY '***** KC03DBAB ABEND          *****'      029900
030000  UPON CONSOLE                                03000006
030100  DISPLAY '*PARA 3000-END                                FAIL*'
03010006
030200  UPON CONSOLE                                03020006
030300  DISPLAY '*CLOSE                                OTFILE01        ERROR*'
030300
030400  UPON CONSOLE                                03040006
030500  DISPLAY '*FILE STATUS = ' WS-OUTPUT-FILE-STATUS      0305000
030600  UPON CONSOLE                                03060006
030700  DISPLAY '***** KC03DBAB ABEND          *****'      030700
030800  UPON CONSOLE                                03080006
030900  CALL SR0002                                03090006
031000  END-IF.

      IF FILE-OK OF WS-OUTPUT-FILE-STATUS          02960006

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029700 CONTINUE                                02970006
029800 ELSE                                    02980006
029900 DISPLAY '***** KC03DBAB ABEND          *****' 029900
030000 UPON CONSOLE                            03000006
030100 DISPLAY '* PARA 3000-END                FAIL*'
03010006
030200 UPON CONSOLE                            03020006
030300 DISPLAY '* CLOSE                       OTFILE02      ERROR*'
030300
030400 UPON CONSOLE                            03040006
030500 DISPLAY '* FILE STATUS = ' WS-OUTPUT-FILE-STATUS 0305000
030600 UPON CONSOLE                            03060006
030700 DISPLAY '***** KC03DBAB ABEND          *****' 030700
030800 UPON CONSOLE                            03080006
030900 CALL SR0002                            03090006
031000 END-IF.                                03100006
031100 3000-EXIT.                             03110006
031200 EXIT.                                  03120006
031300 6000-CHECK-HEADER.                     03130006
031400 ADD+2 TO WS-LINE-COUNT.                 03140006
031500 IF WS-LINE-COUNT > WS-LINE-MAX         03150006
031600 PERFORM 6100-WRITE-HEADER THRU 6100-EXIT 03160006
031700 PERFORM 6200-WRITE-COL-HEADER THRU 6200-EXIT 03170006
031800 MOVE WS-LINE-HEADER TO WS-LINE-COUNT 03180006
031900 END-IF.                                03190006
032000 6000-EXIT.                             03200006
032100 EXIT.                                  03210006
032200 6100-WRITE-HEADER.                     03220006
032300 ADD+1 TO WS-PAGE-COUNT.                 03230006
032400 MOVE WS-PAGE-COUNT TO WS-PAGE-NUMBER 03240006
032500 MOVE WS-HEADER-LINE1 TO 400-REPORT-RECORD. 03250006
032600 PERFORM 7000-WRITE-REPORT THRU 7000-EXIT. 03260006
032700 MOVE WS-HEADER-LINE2 TO 400-REPORT-RECORD. 03270006
032800 PERFORM 7000-WRITE-REPORT THRU 7000-EXIT. 03280006
032900 MOVE WS-HEADER-LINE3 TO 400-REPORT-RECORD. 03290006
033000 PERFORM 7000-WRITE-REPORT THRU 7000-EXIT. 0332000
033300 6100-EXIT.                             03330006
033400 EXIT.                                  03340006
033500 6200-WRITE-COL-HEADER.                 03350006
033600 MOVE WS-COL-HEADER-LINE1 TO 400-REPORT-RECORD. 03360006
033700 PERFORM 7000-WRITE-REPORT THRU 7000-EXIT. 03370006
033800 MOVE WS-COL-HEADER-LINE2 TO 400-REPORT-RECORD. 03380006
033900 PERFORM 7000-WRITE-REPORT THRU 7000-EXIT. 03390006
034000 6200-EXIT.                             03400006

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034100 EXIT.                                03410006
034200 7000-WRITE-REPORT.                  03420006
034300 WRITE 400-REPORT-RECORD.            03430006
034400 IF FILE-OK OF WS-REPORT-FILE-STATUS 03440006
034500 CONTINUE                            03450006
034600 ELSE                                03460006
034700 DISPLAY '***** KC03DBAB ABEND      *****' 034700
034800 UPON CONSOLE                        03480006
034900 DISPLAY '* PARA 7000-WRITE-REPORT    FAIL*'
03490006
035000 UPON CONSOLE                        03500006
035100 DISPLAY '*WRITE BLERPT              ERROR*'
03510006
035200 UPON CONSOLE                        03520006
035300 DISPLAY '* FILE STATUS = ' WS-REPORT-FILE-STATUS 03530006
035400 UPON CONSOLE                        03540006
035500 DISPLAY '***** KC03DBAB ABEND      *****' 035500
035600 UPON CONSOLE                        03560006
035700 CALL SR0002                        03570006
035800 END-IF.                            03580006
035900 7000-EXIT.                          03590006
036000 EXIT.                                03600006
036100 8000-READ-BLMAST.                   03610000
036200 READ 100-INPUT-FILE NEXT RECORD.
036300 IF FILE-OK OF WS-OLDMASTER-FILE-STATUS 0363
036400 ADD +1 TO WS-INPUT-COUNT            03640006
036500 ELSE                                03650006
036600 IF FILE-AT-END OF WS-OLDMASTER-FILE-STATUS.
        MOVE 100-INPUT-FILE TO BLMAST KEY.
036700 CONTINUE                            03670006
036800 ELSE                                03680006
036900 DISPLAY '***** KC03DBAB ABEND      *****' 036900
037000 UPON CONSOLE                        03700006
037100 DISPLAY '* PARA 8000-READ-BLMAST    FAIL*' 03710006
037200 UPON CONSOLE                        03720006
037300 DISPLAY '* READ BLMAST              ERROR*'
03730006
037400 UPON CONSOLE                        03740006
037500 DISPLAY '* FILE STATUS = ' WS-OLDMASTER-FILE-STATUS 0375
037600 UPON CONSOLE                        03760006
037700 DISPLAY '***** KC03DBAB ABEND      *****' 037700
037800 UPON CONSOLE                        03780006
037900 CALL SR0002                        03790006
038000 END-IF
038100 END-IF.                            03810006
038200 8000-EXIT.                          03820006

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038300 EXIT.
      8100-READ-BLMAST.                0586001
058700 READ 200-INPUT-FILE.            05870010
058800 IF FILE-OK OF WS-ADDMaster-FILE-STATUS      058
058900 ADD +1 TO WS-INPUT-COUNT          05890010
059000 ELSE                             05900010
059100 IF FILE-AT-END OF WS-ADDMaster-FILE-STATUS
      MOVE 200-INPUT-FILE TO BLMAST KEY.      05
059200 CONTINUE                        05920010
059300 ELSE                            05930010
059400 DISPLAY '***** KC03DBAB ABEND          *****' 059400
059500 UPON CONSOLE                    05950010
059600 DISPLAY '* PARA 8100-READ-BLMAST      FAIL*' 05960010
059700 UPON CONSOLE                    05970010
059800 DISPLAY '* READ BLMAST                ERROR*' 05980010
059900 UPON CONSOLE                    05990010
060000 DISPLAY '* FILE STATUS = ' WS-ADDMaster-FILE-STATUS 060
060100 UPON CONSOLE                    06010010
060200 DISPLAY '***** KC03DBAB ABEND          *****' 060200
060300 UPON CONSOLE                    06030010
060400 CALL SR0002                     06040010
060500 END-IF                          06050010
060600 END-IF.                        06060010
060700 8100-EXIT.                      06070010
060800 EXIT.
      8200-READ-BLUPD.                  05860010
058700 READ 300-INPUT-FILE.            05870010
058800 IF FILE-OK OF WS-UPDATE-FILE-STATUS      058800
058900 ADD +1 TO WS-INPUT-COUNT          05890010
059000 ELSE                             05900010
059100 IF FILE-AT-END OF WS-UPDATE-FILE-STATUS
      MOVE 300-INPUT-FILE TO BLUPD KEY.      05910
059200 CONTINUE                        05920010
059300 ELSE                            05930010
059400 DISPLAY '***** KC03DBAB ABEND          *****' 059400
059500 UPON CONSOLE                    05950010
059600 DISPLAY '* PARA 8200-READ-BLUPD      FAIL*' 05960010
059700 UPON CONSOLE                    05970010
059800 DISPLAY '* READ BLUPD                ERROR*' 05980010
059900 UPON CONSOLE                    05990010
060000 DISPLAY '* FILE STATUS = ' WS-UPDATE-FILE-STATUS 060000
060100 UPON CONSOLE                    06010010
060200 DISPLAY '***** KC03DBAB ABEND          *****' 060200
060300 UPON CONSOLE                    06030010
060400 CALL SR0002                     06040010

```

060500 END-IF  
060600 END-IF.  
060700 8200-EXIT.  
060800 EXIT.

06050010  
06060010  
06070010