**TRANSACTION SCREEN COBOL PROGRAM**

IDENTIFICATION DIVISION.

PROGRAM-ID. TRANSCOB.

AUTHOR SARMA.

DATE-WRITTEN. 25-04-2022.

ENVIRONMENT DIVISION.

DATA DIVISION.

WORKING-STORAGE SECTION.

COPY TRANSRN.

COPY DFHAID.

EXEC SQL

INCLUDE SQLCA

END-EXEC.

EXEC SQL

INCLUDE TRANS

END-EXEC.

77 WS-DTM PIC S9(15) COMP.

77 WS-DT PIC X(10).

77 WS-TM PIC X(10).

77 WS-CA PIC X(2).

77 WS-FNAM PIC X(15).

77 WS-ENDDT PIC X(10).

77 WS-STDT PIC X(10).

PROCEDURE DIVISION.

MAIN-PARA.

MOVE LOW-VALUES TO TRNSRN1O.

IF EIBCALEN = 0

PERFORM SEND-PARA

ELSE

PERFORM RECEIVE-PARA

PERFORM CHECK-PARA

PERFORM SEND-PARA

END-IF.

DATE-PARA.

EXEC CICS

ASKTIME

ABSTIME(WS-DTM)

END-EXEC.

EXEC CICS

FORMATTIME

ABSTIME(WS-DTM)

DATESEP('-')

YYYYMMDD(WS-DT)

TIMESEP(':')

TIME(WS-TM)

END-EXEC.

SEND-PARA.

PERFORM DATE-PARA.

MOVE WS-DT TO DATEO.

MOVE WS-TM TO TIMEO.

EXEC CICS

SEND MAP('TRNSRN1')

MAPSET('TRANSRN')

FROM(TRNSRN1O)

ERASE

END-EXEC.

MOVE 'HI' TO WS-CA.

EXEC CICS

RETURN

TRANSID('TRAN')

COMMAREA(WS-CA)

END-EXEC.

RECEIVE-PARA.

EXEC CICS

RECEIVE MAP('TRNSRN1')

MAPSET('TRANSRN')

INTO(TRNSRN1I)

END-EXEC.

CHECK-PARA.

EVALUATE TRUE

WHEN EIBAID = DFHPF2

EXEC CICS

XCTL

PROGRAM('CUOPPGM')

END-EXEC

WHEN EIBAID = DFHPF5

MOVE LOW-VALUES TO TRNSRN1O

WHEN EIBAID = DFHPF4

MOVE ACNTNUMI TO HV-ACNTNUM

MOVE STDTI TO WS-STDT

MOVE ENDDTI TO WS-ENDDT

EXEC SQL

SELECT NAME,DATE,DESCRIPTION,TRANSTYPE,AMT,

DUEDT,TOTAL

INTO :HV-NAME, :HV-DATE, :HV-DESCRIPTION,

:HV-TRANSTYPE, :HV-AMT, :HV-DUEDT,

:HV-TOTAL

FROM TRANS

WHERE ACNTNUM = :HV-ACNTNUM AND

DATE BETWEEN :WS-STDT AND :WS-ENDDT

END-EXEC

IF SQLCODE = 0 THEN

MOVE HV-NAME-TEXT TO NAMEO

MOVE HV-DATE TO DATE1O

MOVE HV-DATE TO DATE2O

MOVE HV-DESCRIPTION-TEXT TO DES1O

MOVE HV-DESCRIPTION-TEXT TO DES2O

MOVE HV-TRANSTYPE-TEXT TO TYPE1O

MOVE HV-TRANSTYPE-TEXT TO TYPE2O

MOVE HV-AMT TO AMT1O

MOVE HV-AMT TO AMT2O

MOVE HV-DUEDT TO DUEDTO

MOVE HV-TOTAL TO TOTO

MOVE 'SUCCESS' TO MSGO

END-IF

IF SQLCODE < 0 THEN

MOVE 'SQL ERROR OCCURED' TO MSGO

END-IF

IF SQLCODE > 0 THEN

MOVE 'DATA NOT FOUND' TO MSGO

END-IF

END-EVALUATE.