**ACCOUNT SCREEN COBOL PROGRAM**

IDENTIFICATION DIVISION.

PROGRAM-ID. ACNTPGM.

AUTHOR SARMA.

DATE-WRITTEN. 25-04-2022.

ENVIRONMENT DIVISION.

DATA DIVISION.

WORKING-STORAGE SECTION.

COPY ACNTSRN.

COPY DFHAID.

EXEC SQL

INCLUDE SQLCA

END-EXEC.

EXEC SQL

INCLUDE ACNTDET

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).

PROCEDURE DIVISION.

MAIN-PARA.

MOVE LOW-VALUES TO ACTSRN1O.

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('ACTSRN1')

MAPSET('ACNTSRN')

FROM(ACTSRN1O)

ERASE

END-EXEC.

MOVE 'HI' TO WS-CA.

EXEC CICS

RETURN

TRANSID('ACNT')

COMMAREA(WS-CA)

END-EXEC.

RECEIVE-PARA.

EXEC CICS

RECEIVE MAP('ACTSRN1')

MAPSET('ACNTSRN')

INTO(ACTSRN1I)

END-EXEC.

CHECK-PARA.

EVALUATE TRUE

WHEN EIBAID = DFHPF2

MOVE '000000000' TO ACNTNUMI

EXEC CICS

XCTL

PROGRAM('CUOPPGM')

END-EXEC

WHEN EIBAID = DFHPF5

MOVE LOW-VALUES TO ACTSRN1O

WHEN EIBAID = DFHPF4

MOVE ACNTNUMI TO HV-ACNTNUM

EXEC SQL

SELECT NAME,STARTDT,ENDDT,LOANAMT,INTRATE,

DUEDT,STATUS,LOANPAID,DUEAMT

INTO :HV-NAME, :HV-STARTDT, :HV-ENDDT,

:HV-LOANAMT,

:HV-INTRATE, :HV-DUEDT, :HV-STATUS,

:HV-LOANPAID, :HV-DUEAMT

FROM ACNTDET

WHERE ACNTNUM = :HV-ACNTNUM

END-EXEC

MOVE 'SUCCESS' TO MSGO

IF SQLCODE = 0 THEN

MOVE HV-NAME-TEXT TO NAMEO

MOVE HV-STARTDT TO STRTDTO

MOVE HV-ENDDT TO EXPDTO

MOVE HV-LOANAMT TO LNAMTO

MOVE HV-INTRATE TO INTRATEO

MOVE HV-DUEDT TO DUEDATEO

MOVE HV-STATUS-TEXT TO STATUSO

MOVE HV-LOANPAID TO LNPAIDO

MOVE HV-DUEAMT TO DUEAMTO

END-IF

IF SQLCODE < 0 THEN

MOVE 'SQL ERROR OCCURED' TO MSGO

END-IF

IF SQLCODE > 0 THEN

MOVE 'NO DATA FOUND' TO MSGO

END-IF

END-EVALUATE.