**NEW ACCOUNT SCREEN COBOL PROGRAM**

IDENTIFICATION DIVISION.

PROGRAM-ID. NWACPGM.

AUTHOR SARMA.

DATE-WRITTEN. 25-04-2022.

ENVIRONMENT DIVISION.

DATA DIVISION.

WORKING-STORAGE SECTION.

COPY NWACSRN.

COPY DFHAID.

EXEC SQL

INCLUDE SQLCA

END-EXEC.

EXEC SQL

INCLUDE NEWACTBL

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).

77 WS-SALDRN PIC 9(5).

PROCEDURE DIVISION.

MAIN-PARA.

MOVE LOW-VALUES TO NWACSRNO.

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('NWACSRN')

MAPSET('NWACSRN')

FROM(NWACSRNO)

ERASE

END-EXEC.

MOVE 'HI' TO WS-CA.

EXEC CICS

RETURN

TRANSID('NWAC')

COMMAREA(WS-CA)

END-EXEC.

RECEIVE-PARA.

EXEC CICS

RECEIVE MAP('NWACSRN')

MAPSET('NWACSRN')

INTO(NWACSRNI)

END-EXEC.

BACK-PARA.

EXEC CICS

XCTL

PROGRAM('LOGPROG')

END-EXEC.

CHECK-PARA.

EVALUATE TRUE

WHEN EIBAID = DFHPF2

PERFORM BACK-PARA

WHEN EIBAID = DFHPF5

MOVE LOW-VALUES TO NWACSRNO

WHEN EIBAID = DFHPF4

INSPECT SALDRNI REPLACING ALL '\_' BY SPACES

COMPUTE WS-SALDRN = FUNCTION NUMVAL(SALDRNI)

MOVE 10 TO HV-ADD1-LEN

MOVE 10 TO HV-CITY-LEN

MOVE 10 TO HV-STATE-LEN

MOVE 10 TO HV-SNAME-LEN

MOVE 10 TO HV-COLNAME-LEN

MOVE 2 TO HV-PLEVEL-LEN

MOVE CUSTNOI TO HV-CNO

MOVE ADDRESI TO HV-ADD1-TEXT

MOVE SALDRNI TO HV-SALARY

MOVE AGEI TO HV-AGE

MOVE CITYI TO HV-CITY-TEXT

MOVE STATEI TO HV-STATE-TEXT

MOVE PHONEI TO HV-PHNO

MOVE STUNAMI TO HV-SNAME-TEXT

MOVE CLGNAMI TO HV-COLNAME-TEXT

MOVE PGMLVLI TO HV-PLEVEL-TEXT

MOVE DTOFJNI TO HV-DOJ

MOVE ENDDTI TO HV-DOE

MOVE LNAMTI TO HV-LAMT

IF HV-AGE < 20 THEN

MOVE 'AGE MUST BE > 20' TO MSGO

END-IF

IF HV-SALARY < 20000 THEN

MOVE 'SALARY MUST BE > 20K' TO MSGO

END-IF

IF HV-AGE > 20 AND HV-SALARY > 20000 THEN

EXEC SQL

INSERT INTO NEWACTBL VALUES

(:HV-CNO, :HV-ADD1, :HV-SALARY, :HV-AGE,

:HV-CITY, :HV-STATE, :HV-PHNO,

:HV-SNAME, :HV-COLNAME,

:HV-PLEVEL, :HV-DOJ, :HV-DOE, :HV-LAMT)

END-EXEC

IF SQLCODE = 0 THEN

MOVE 'SUCCESS' TO MSGO

END-IF

IF SQLCODE < 0 THEN

MOVE 'SQL ERROR OCCURED' TO MSGO

END-IF

END-IF

END-EVALUATE.