**MAIN OPTION MENU COBOL PROGRAM**

IDENTIFICATION DIVISION.

PROGRAM-ID. OPMNPGM.

AUTHOR PROJECTG1.

DATE-WRITTEN 27-4-22.

DATA DIVISION.

WORKING-STORAGE SECTION.

COPY OPMNSRN.

COPY DFHAID.

77 WS-DTM PIC S9(15) COMP.

77 WS-DT PIC X(10).

77 WS-TM PIC X(8).

77 WS-STR PIC X(10).

77 WS-CA PIC X(10).

PROCEDURE DIVISION.

MAIN-PARA.

MOVE LOW-VALUES TO OPMNSRNO.

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('OPMNSRN')

MAPSET('OPMNSRN')

FROM(OPMNSRNO)

ERASE

END-EXEC.

MOVE 'HI' TO WS-CA.

EXEC CICS

RETURN

TRANSID('OPMN')

COMMAREA(WS-CA)

END-EXEC.

RECEIVE-PARA.

EXEC CICS

RECEIVE MAP('OPMNSRN')

MAPSET('OPMNSRN')

INTO(OPMNSRNI)

END-EXEC.

CHECK-PARA.

EVALUATE TRUE

WHEN EIBAID = DFHPF5

MOVE LOW-VALUES TO OPMNSRNO

WHEN EIBAID = DFHPF3

PERFORM EXIT-PARA

WHEN EIBAID = DFHPF4

IF OPTI = 1

PERFORM LOG-PARA

END-IF

IF OPTI = 2

MOVE 'MAP NOT DESIGNED' TO MSGO

ELSE

MOVE 'INVALID OPTION' TO MSGO

END-IF

END-EVALUATE.

LOG-PARA.

EXEC CICS

XCTL

PROGRAM('LOGPROG')

END-EXEC.

EXIT-PARA.

MOVE 'EXIT' TO WS-STR.

EXEC CICS

SEND CONTROL

CURSOR(750)

ERASE

END-EXEC.

EXEC CICS

SEND FROM (WS-STR)

END-EXEC.

EXEC CICS

RETURN

END-EXEC.