UPDATE DB2 program

IDENTIFICATION DIVISION.

PROGRAM-ID. UPDSTU.

ENVIRONMENT DIVISION.

DATA DIVISION.

WORKING-STORAGE SECTION.

EXEC SQL

INCLUDE SQLCA

END-EXEC.

EXEC SQL

INCLUDE STUCPY

END-EXEC.

77 WS-SQLCODE PIC S9(9) SIGN LEADING SEPARATE CHARACTER.

77 WS-LEN PIC S9(4) COMP VALUE ZERO.

COPY DFHAID.

COPY DFHBMSCA.

COPY STUSET1.

PROCEDURE DIVISION.

MAIN-PARA.

MOVE LOW-VALUES TO STUMAP1I.

MOVE LOW-VALUES TO STUMAP1O.

EXEC CICS SEND MAP('STUMAP1')

MAPSET('STUSET1')

ERASE

END-EXEC.

EXEC CICS RECEIVE MAP('STUMAP1')

MAPSET('STUSET1')

INTO(STUMAP1I)

END-EXEC.

MOVE SNOI TO HS-STU-NO.

EXEC SQL

SELECT STU\_NO, STU\_NAME, STU\_ADDR

INTO :HS-STU-NO,

:HS-STU-NAME,

:HS-STU-ADDR

FROM IND\_STU

WHERE STU\_NO = :HS-STU-NO

END-EXEC.

IF SQLCODE = 0

MOVE 'SELECT SUCCESSFUL' TO MSGO

PERFORM UPDATE-PARA

ELSE

MOVE SQLCODE TO WS-SQLCODE

MOVE WS-SQLCODE TO MSGO

PERFORM SEND-PARA

END-IF.

UPDATE-PARA.

MOVE HS-STU-NO TO SNOO.

MOVE HS-STU-NAME TO SNAMEO.

MOVE HS-STU-ADDR TO SADDRO.

EXEC CICS SEND MAP('STUMAP1')

MAPSET('STUSET1')

FROM(STUMAP1O)

END-EXEC.

EXEC CICS RECEIVE MAP('STUMAP1')

MAPSET('STUSET1')

INTO(STUMAP1I)

END-EXEC.

MOVE SNOI TO HS-STU-NO.

MOVE SNAMEI TO HS-STU-NAME.

MOVE SADDRI TO HS-STU-ADDR.

EXEC SQL

UPDATE IND\_STU

SET STU\_ADDR = :HS-STU-ADDR

WHERE STU\_NO = :HS-STU-NO

END-EXEC.

IF SQLCODE = 0

MOVE LOW-VALUES TO STUMAP1O

MOVE 'UPDATE SUCCESSFUL' TO MSGO

ELSE

MOVE SQLCODE TO WS-SQLCODE

MOVE WS-SQLCODE TO MSGO

PERFORM END-PARA

END-IF.

EXEC CICS SEND MAP('STUMAP1')

MAPSET('STUSET1')

FROM(STUMAP1O)

END-EXEC.

PERFORM END-PARA.

SEND-PARA.

EXEC CICS SEND MAP('STUMAP1')

MAPSET('STUSET1')

FROM(STUMAP1O)

END-EXEC.

PERFORM END-PARA.

END-PARA.

EXEC CICS RETURN

END-EXEC.