```cobol
       IDENTIFICATION DIVISION.
       PROGRAM-ID. XXPRGM.
       AUTHOR. MARLOW.

       ENVIRONMENT DIVISION.
       CONFIGURATION SECTION.
       SOURCE-COMPUTER. RS-6000.
       OBJECT-COMPUTER. RS-6000.

       DATA DIVISION.
       WORKING-STORAGE SECTION.

       COPY 'XXMAP1'.

       PROCEDURE DIVISION.
       000-START-LOGIC.

           EXEC CICS HANDLE CONDITION MAPFAIL(100-FIRST-TIME) END-EXEC.

           EXEC CICS RECEIVE MAP('MAP1') MAPSET('XXMAP1') END-EXEC.

           GO TO 200-MAIN-LOGIC.

        100-FIRST-TIME.

           MOVE LOW-VALUES TO MAP1O.

     * if you did not put an INITIAL in your BMS and want a starting value in MSG it
     * would go here..

           EXEC CICS SEND MAP('MAP1') MAPSET('XXMAP1') ERASE
               END-EXEC.

           EXEC CICS RETURN TRANSID('XX01') END-EXEC.

        200-MAIN-LOGIC.

           IF CHOICEI IS EQUAL TO '1'
               GO TO 300-CHOICE-1
           ELSE
           IF CHOICEI IS EQUAL TO '2'
               ....
               ....
               etc etc for other choices...

           ELSE
               GO TO 999-SEND-ERROR-MSG
           END-IF.

        300-CHOICE-1.
           MOVE LOW-VALUES TO MAP1O.
           MOVE 'YOU ENTERED ONE' TO MSGO.
           EXEC CICS SEND MAP('MAP1') MAPSET('XXMAP1') END-EXEC.
           EXEC CICS RETURN TRANSID('XX01') END-EXEC.

        400-CHOICE-2.
```

```
        same as above, different msg


500-CHOICE-3.
        same as above, different msg


600-CHOICE-4.
        same as above, different msg


700-CHOICE-9.
        MOVE LOW-VALUES TO MAP1O.
        MOVE 'YOU ENTERED 9 - PROGRAM ENDING' TO MSGO.
        EXEC CICS SEND MAP('MAP1') MAPSET('XXMAP1') END-EXEC.
        EXEC CICS RETURN END-EXEC.


999-SEND-ERROR-MSG.
        same as above, error msg
```