

```

1      MAIN-PROGRAM SECTION.
2          ACCEPT FIRST-NUM
3          ACCEPT SECOND-NUM
4          DISPLAY 'FIRST NUMBER: ' FIRST NUM
5          IF SECOND-NUM > FIRST-NUM
6              MOVE SECOND-NUM TO BIG-NUM
7              MOVE FIRST-NUM TO SMALL-NUM
8          ELSE
9              MOVE SECOND-NUM TO SMALL-NUM
10             MOVE FIRST-NUM TO BIG-NUM
11         DISPLAY 'THE SUM OF THE NUMBERS BETWEEN IS: ' NUMBER-SUM
12         STOP RUN.
13
14     MULT-DEV SECTION.
15         MOVE 0 TO WS-MULT
16         MOVE 0 TO WS-DEV
17         DIVIDE BIG-NUM BY SMALL-NUM GIVING WS-DEV
18         ROUNDED
19
20         DISPLAY 'DIVIDING ' BIG-NUM ' BY ' SMALL-NUM
21             ' GIVES: ' WS-DEV
22         MULTIPLY BIG-NUM BY SMALL-NUM GIVING WS-MULT
23         DISPLAY 'MULTIPLYING GIVES: ' WS-MULT.
24
25     COUNT-LOOP SECTION.
26         DISPLAY SMALL-NUM
27         ASS SMALL-NUM TO WS-NUMBER
28         PERFORM UNTIL SMALL-NUM = BIG-NUM
29             ADD 1 TO SMALL-NUM
30             DISPLAY SMALL-NUM
31             ADD SMALL-NUM TO WS-NUMBER
32         EDD PERFORM.

```