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1      A000-MAINLINE SECTION.
2          ACCEPT INPUT-RECORD
3          PERFORM B100-CALCULATIONS
4          STOP
          RUN.

5
6      B100-CALCULATIONS SECTION.
7          DISPLAY 'FIRST NUMBER: ' INPUT-1
8          DISPLAY 'SECOND NUMBER: ' INPUT-2
9          MULTIPLY INPUT-1 BY INPUT-2 GIVING MULTIPLY-RESULT
10         DISPLAY 'MULTIPLYING GIVES: ' MULTIPLY-RESULT
11         DIVIDE INPUT-2 BY INPUT-1 GIVING DIVIDE-RESULT
12         MOVE DIVIDE-RESULT TO DIVIDE-RESULT-OUT
13         DISPLAY 'DIVIDING ' INPUT-2 ' BY ' INPUT-1 ' GIVES: '
14             DIVIDE-RESULT-OUT
15         DISPLAY 'ALL NUMBERS: '
16         COMPUTE DIFFERENCE = INPUT-2 - INPUT-1
17         PERFORM UNTIL COUNTER > DIFFERENCE
18             COMPUTE LOOP-TEMP = INPUT-1 + COUNTER
19             DISPLAY LOOP-TEMP
20             COMPUTE COUNTER = COUNTER + 1
21             COMPUTE LOOP-SUM = LOOP-SUM + LOOP-TEMP
22         END-PERFORM
23         DISPLAY 'THE SUM OF THE NUMBERS BETWEEN IS: ' LOOP-SUM
24         .
25

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