Java → Basic syntax and simple programs → Methods → <u>Declaring a method</u>

$\frac{\textbf{Declaring a method}}{\textbf{In the range}} \rightarrow \textbf{Sum of numbers}$

1601 users solved this problem. Latest completion was about 22 hours ago.

■ Medium ⑤ 5 minutes ②

Implement a method sumInRange for calculating the sum of numbers in the range from (inclusive), to (exclusive).

Report a typo

Sample Input 1:

1

Sample Output 1:

5

Sample Output 2:

6

Sample Input 3:

10

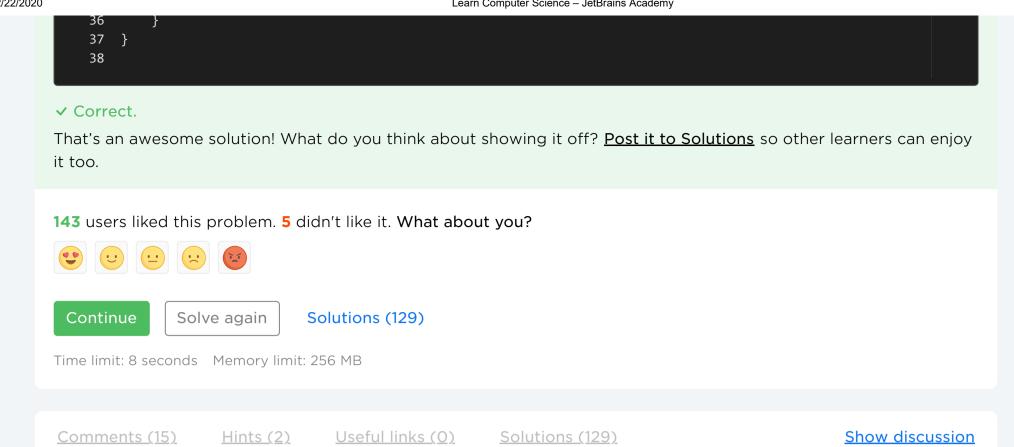
Sample Output 3:

√ Write a program

Code Editor IDE

```
Java
1 import java.util.Scanner;
   public class Main {
6
         * The method calculates the sum of integers in a given range
         * @param from inclusive
9
         * @param to exclusive
10
11
         * @return the sum (long)
12
         */
13
        public static long sumInRange(int from, int to) {
14
            // write your code here
            long sum = 0;
15
16
            if (from == to) {
17
                sum = 0;
18
            } else if (from - to == 1) {
                sum = 1;
19
20
            } else {
21
                for (int i = from; i < to; i++) {</pre>
22
                    sum += i;
23
24
25
            return sum;
26
27
        /* Do not change code below */
28
29
        public static void main(String[] args) {
30
            final Scanner scanner = new Scanner(System.in);
31
32
            int from = scanner.nextInt();
33
            int to = scanner.nextInt();
34
35
            System.out.println(sumInRange(from, to));
```

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