Summer Ranger 🔒 locked

Problem | Submissions | Discussions

Wanda wants to know the sum of all the numbers given a range of values. Help her automate this task.

Input Format

The input is composed of two integer values A and B representing the range of integer values that needs to be added.

Constraints

-10000 <= A, B <= 10000

Output Format

Display an integer denoting the sum of all the integer values from A to B.

Sample Input 0

```
1 10
```

Sample Output 0

```
55
```

Explanation 0

1 + 2 + 3 + 4 + 5 ... + 10 = 55

Sample Input 1

```
9 2
```

Sample Output 1

```
44
```

Explanation 1

2 + 3 + 4 + 5 ... + 9 = 44

Submissions: 36
Max Score: 10

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More

```cpp
#include <cmath>
#include <cstdio>
#include <vector>
#include <iostream>
#include <algorithm>
using namespace std;


int main() {
    /* Enter your code here. Read input from STDIN. Print output to STDOUT */
    return 0;
}

```

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⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code