Add

Write a program that reads two integers from standard input, calculates their sum and prints the result to standard output.

Input

Two integer values -1,000,000,000 <= v1, v2 <= 1,000,000,000 each on its own line.

Output

A single value that is the sum of v1 and v2 followed by a newline.

Example 1

```
Input:
4
9

Output:
13
```

Example 2

```
Input:
-5
5

Output:
0
```

Here are sample solutions to this problem in C, C++ and Java:

```c
#include <stdio.h>

int main()
{
    int a,b;
    scanf("%d %d",&a, &b);
    printf("%d\n",a+b);
    return 0;
}
```

```cpp
#include <iostream>

using namespace std;

int main()
{
    int a,b;
    cin >> a >> b;
    cout << a+b << endl;
    return 0;
}
```

```java
import java.util.Scanner;

public class Main
{
    public static void main(String args[])
    {
        Scanner in=new Scanner(System.in);
        int a = in.nextInt();
                int b = in.nextInt();
        System.out.println(a + b);
    }
}
```

Suggestion 1: write all three solutions on your own and submit them to the autograder - don't just copy and paste.

Suggestion 2: if you are unfamiliar with one of the above languages, study its solution carefully and make sure you understand each line of the code.