

# Sums

Find the sum of two integers.

## Input

Input file contains multiple test cases. Each test case consists of two integers within one line.

The absolute value of each input integer is in the range [0, 1024].

## Output

For each test case, print the sum in separate lines.

Sample Input

0 0

1 1

Output for Sample Input

0

2

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Q: Where are the input and the output?

A: In this online judge, your program shall **always** read input from stdin (Standard Input) and write output to stdout (Standard Output). For example, you can use 'scanf' in C or 'cin' in C++ to read from stdin, and use 'printf' in C or 'cout' in C++ to write to stdout.

You shall not output any extra data to standard output other than that required by the problem; otherwise you will get a "Wrong Answer".

User programs are not allowed to open and read from/write to files. You will not get "Accepted" if you try to do so.

When the problem doesn't indicate when the input stops, it implies "read the input until End-of-file (EOF). Please Google search "EOF acm" to learn more.

If you want to test your program, please try to use "File redirection".

<http://www.cs.bu.edu/teaching/cs111/spring-2000/file-io/>

Here is a sample solution to this problem using C++/G++:

```
#include <iostream>
using namespace std;
int main() {
    int a,b;
    while( cin >> a >> b ) {
        cout << a+b << endl;
    }
    return 0;
}
```

It's important that the return type of main() **must be int** when you use G++/GCC, or you may get compile error.

Here is a sample solution to this problem using C library.

```
#include <stdio.h>
int main()
{
    int a,b;
    while( scanf("%d %d",&a, &b) != EOF )
        printf("%d\n",a+b);
    return 0;
}
```