

## Sum

Write a program that reads two integers  $a$  and  $b$ , with  $-1000 \leq a, b \leq 1000$ , and outputs their sum  $a + b$ .

### Input

A single line containing the two integers  $a$  and  $b$  separated by a space character.

### Output

A single line containing the value  $a + b$ .

#### Sample input 1

```
3 5
```

#### Sample output 1

```
8
```

### Limits

Time limit is 1 seconds.

Memory limit is 256 megabytes.