# A. Simple Big Sum

You are given two integers a and b. Write a program to calculate their sum. Sounds too easy? See the constrants below, and then read the Note section.

## Input

Input contains two integers a and b  $(-10^{18} \le a, b \le 10^{18})$  in two separate lines.

## Output

Print the sum of a and b.

# Samples

### Sample #1

Input	Output
4	12
8	

## Sample #2

Input	Output	
-2147483648	-1	
2147483647		

### Note

The range for 32-bit signed integer (int or long in C/C++) is -2,147,483,648 to 2,147,483,647. Since the input numbers as well as their sum can exceed that range, you will need to use 64-bit integer (long long in C/C++). Remember that for long long we use the %lld format specifier instead of %d or %ld.