

A. A + B

Time limit: 2 seconds Memory limit: 256 MiB

Given two integers A and B, print their sum.

This is a public practice problem for testing the contest system.

Input

The input has one line containing two space-separated integers, A and B.

$-1,000,000,000 \leq A, B \leq 1,000,000,000$.

Output

Print $A + B$ as an integer.

Examples

Sample input 1

1 2

Sample output 1

3

Sample input 2

-5 8

Sample output 2

3

Sample input 3

-1000000000 -1000000000

Sample output 3

-2000000000