

Add Two Numbers

Write a program that adds two integers.

Input

The input consists of a single line containing two space-separated integers a and b where $-10^9 \leq a, b \leq 10^9$.

Output

Output a single integer: the sum $a + b$.

Sample Input 1

2 3

Sample Output 1

5

Sample Input 2

-100 50

Sample Output 2

-50