Add (P1) — Sum of Two Integers

Difficulty: Easy
Tags: easy, input, output
Authors: boss, baz

Given two integers a and b, print their sum $a + b$.

Input Format: The first line contains two integers a and b separated by a space.
Output Format: Print a single integer: the sum $a + b$.
Constraints: $|a|, |b| < 10^{17}$.

Sample Input 1:

1 1

Sample Output 1:

2

Sample Input 2:

2 2

Sample Output 2:

4

Notes: The operation uses standard integer addition. The sample cases show that $1 + 1 = 2$ and $2 + 2 = 4$.

Small verification (informal):

- $1 + 1 = 2$: By the usual construction of natural numbers (Peano-style), 1 is the successor of 0, denoted $S(0)$. Then $1 + 1 = S(0) + S(0) = S(S(0))$, which we denote as 2.

- $2 + 2 = 4$: Similarly, $2 = S(S(0))$. Then $2 + 2 = S(S(0)) + S(S(0)) = S(S(S(S(0))))$, denoted 4.