

Wide Addition (w)

Memory limit: 1024 MB Time limit: 1.00 s

Add two numbers given as input.

Input

The input consists of two integers N and M .

Output

Output a single integer equal to the sum of N and M .

Limits

$-2 \cdot 10^9 \leq N, M \leq 2 \cdot 10^9$.

Examples

Input	Output
10 0	10

-4 -9	-13
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