

B. A + Reverse B

time limit per test: 2 seconds

memory limit per test: 256 megabytes

input: standard input

output: standard output

You are given numbers a and b . Calculate the sum of a and reverse of b . A reverse of a number is a number which contains the same digits in reverse order. For example, reverse of 230 is 32, and reverse of 0 is 0.

Input

The input contains two integers a and b ($0 \leq a, b \leq 10^9$), separated by a single space. The numbers are given without leading zeros.

Output

Output the sum of a and reverse of b .

Examples

input
5 15
output
56

input
73 9180
output
892