

C. Array Sum

time limit per test: 2 seconds
memory limit per test: 64 megabytes
input: standard input
output: standard output

You are given an array of integers. Calculate the sum of its elements.

Input

The i -th line of the input contains an integer a_i ($0 \leq a \leq 1000$) — the i -th element of the array. The size of the array is between 1 and 10, inclusive. Note that the size of the array is not given explicitly!

Output

Output a single integer — the sum of the elements of the array.

Examples

input
2 15 110 3
output
130

input
90 0 21 331 45
output
487