

Ari is testing an online Judge to be used at SFU for various things! He really needs your help with testing and other things, though!

Please help him by solving this simple problem, used for testing.

## 1 Input

The first line of input will contain a number  $N$  ( $2 \leq N \leq 100$ ), the number of numbers to be summed.

The next line will contain  $N$  numbers  $a_1, a_2, \dots, a_N$  ( $1 \leq a_i \leq 10^5$ ).

## 2 Output

Output the sum of the  $N$  numbers:  $\sum_{i=1}^N a_i$ .