

Simple Array Sum

You are given an array of integers of size N . Can you find the sum of the elements in the array?

Input

The first line of input consists of an integer N . The next line contains N space-separated integers representing the array elements.

Sample:

6

1 2 3 4 10 11

Output

Output a single value equal to the sum of the elements in the array.

For the sample above you would just print 31 since $1 + 2 + 3 + 4 + 10 + 11 = 31$.