

Simple Array Sum



Problem Statement

You are given an array of integers of size N . You need to print the sum of the elements of the array.

Input Format

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

Constraints

$$1 \leq N \leq 1000$$

$$0 \leq A[i] \leq 1000$$

Output Format

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

Sample Input

```
6
1 2 3 4 10 11
```

Sample Output

```
31
```

Explanation

$$1 + 2 + 3 + 4 + 10 + 11 = 31$$