
Sum of integers

X66647_en

Given a list of n integers x_1, \dots, x_n , give their sum as output.

Input

The first line contains a natural number n . The second line contains a white-separated list of integers x_1, \dots, x_n .

Output

The output contains a single integer, the sum $x_1 + \dots + x_n$.

Sample input 1

```
5
1 2 3 4 5
```

Sample output 1

```
15
```

Problem information

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