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Dashboard > **Algorithms** > **Warmup** > **Simple Array Sum**

Badge Progress (Details)

Points: 826 Rank: 46492

Simple Array Sum 🔖

👤 by **shashank21j**

Problem	Submissions	Leaderboard	Discussions	Editorial

Given an array of N integers, can you find the sum of its elements?

Input Format

The first line contains an integer, N, denoting the size of the array.
The second line contains N space-separated integers representing the array's elements.

Output Format

Print the sum of the array's elements as a single integer.

Sample Input

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

Submissions:599401

Max Score:10
Difficulty: Easy

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More

Sample Output

```
31
```

Explanation

We print the sum of the array's elements, which is: $1 + 2 + 3 + 4 + 10 + 11 = 31$.

Current Buffer (saved locally, editable) ⅄ ↺   C++ ▾   ⤢ ⚙

```cpp
1  #include <bits/stdc++.h>
2
3  using namespace std;
4
5  int simpleArraySum(int n, vector <int> ar) {
6      // Complete this function
7  }
8
9  int main() {
10     int n;
11     cin >> n;
12     vector<int> ar(n);
13     for(int ar_i = 0; ar_i < n; ar_i++){
14         cin >> ar[ar_i];
15     }
16     int result = simpleArraySum(n, ar);
17     cout << result << endl;
18     return 0;
19 }
20
```

Line: 1 Col: 1

⬆ Upload Code as File   ☐ **Test against custom input**   Run Code   **Submit Code**

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