Simple Array Sum ☆

Problem   Submissions   Leaderboard   Editorial 🔒

Given an array of integers, find the sum of its elements.

For example, if the array $ar = [1, 2, 3]$, $1 + 2 + 3 = 6$, so return 6.

Function Description

Complete the simpleArraySum function in the editor below. It must return the sum of the array elements as an integer.

simpleArraySum has the following parameter(s):

- ar: an array of integers

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.

Constraints

$0 < n, ar[i] \leq 1000$

Output Format

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

Sample Input

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

Sample Output

```
31
```

Explanation

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

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```
1    import java.io.*;
2    import java.math.*;
3    import java.text.*;
4    import java.util.*;
5    import java.util.regex.*;
6
7    public class Solution {
```

```
 7    public class Solution {
 8
 9        /*
10         * Complete the simpleArraySum function below.
11         */
12        static int simpleArraySum(int[] ar) {
13            Integer sum=0;
14            for(int i=0;i<ar.length;i++)
15            {
16    sum=sum+ar[i];
17            }
18    return sum;
19        }
20
21        private static final Scanner scanner = new Scanner(System.in);
22
23        public static void main(String[] args) throws IOException {
24            BufferedWriter bufferedWriter = new BufferedWriter(new FileWriter(System.getenv
      ("OUTPUT_PATH")));
25
26            int arCount = Integer.parseInt(scanner.nextLine().trim());
27
```

Line: 18 Col: 12

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

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

✓ **Sample Test case 0** 🔒

Input (stdin)   **Download**

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

Your Output (stdout)

```
1   31
```

Expected Output   **Download**

```
1   31
```

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