Simple Array Sum

29 more points to get your first star!

Rank: 3578743 | Points: 1/30

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 with the following parameter(s):

- $ar[n]$: an array of integers

Returns

- *int*: the sum of the array 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.

Constraints

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

Sample Input

```
STDIN         Function
-----         --------
6             ar[] size n = 6
1 2 3 4 10 11   ar = [1, 2, 3, 4, 10, 11]
```

Sample Output

```
31
```

Explanation

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

Change Theme Language Python 3

```
#!/bin/python3

import math
import os
import random
import re
import sys

#
# Complete the 'simpleArraySum' function below.
#
# The function is expected to return an INTEGER
```

```
12  # The function is expected to return an INTEGER.
13  # The function accepts INTEGER_ARRAY ar as parameter.
14  #
15
16  def simpleArraySum(ar):
17      # Write your code here
18      return sum(ar)
19
20  if __name__ == '__main__':
21      fptr = open(os.environ['OUTPUT_PATH'], 'w')
22
23      ar_count = int(input().strip())
24
25      ar = list(map(int, input().rstrip().split()))
26
27      result = simpleArraySum(ar)
28
29      fptr.write(str(result) + '\n')
30
31      fptr.close()
32
```

EMACS Line: 32 Col: 1

Upload Code as File | Test against custom input | Run Code | Submit Code

Test case 0

Test case 1

Test case 2

Compiler Message

Success

Input (stdin) Download

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

Expected Output Download

```
1  31
```