

Simple Array Sum ★

20 more points to get your first star!

Rank: 3417265 | Points: 10/30



Problem Submissions Leaderboard Discussions 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

Author shashank21j
Difficulty Easy
Max Score 10
Submitted By 2441835

NEED HELP?

- [View discussions](#)
- [View editorial](#)
- [View top submissions](#)

RATE THIS CHALLENGE



MORE DETAILS

- [Download problem statement](#)
- [Download sample test cases](#)
- [Suggest Edits](#)

```
28 ar = list(map(int, input().rstrip().split()))
```

Line: 35 Col: 1

Upload Code as File

☐ Test against custom input

Run Code

Submit Code

Congratulations

You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

Next Challenge

Test case 0

Compiler Message

Success

Test case 1

Test case 2

Input (stdin)

Download

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

Expected Output

Download

```
1 31
```

```
1  #!/bin/python3
2
3  import math
4  import os
5  import random
6  import re
7  import sys
8
9  #
10 # Complete the 'simpleArraySum' function below.
11 #
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     sum=0
18     for i in (ar):
19         sum=sum+i
20     return (sum)
21
22
23 if __name__ == '__main__':
24     fptr = open(os.environ['OUTPUT_PATH'], 'w')
25
26     ar_count = int(input().strip())
27
28     ar = list(map(int, input().rstrip().split()))
```

Line: 35 Col: 1

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

Download sample test cases

Download sample test cases

Suggest Edits



Change Theme

Language

Python 3

```
1 #!/bin/python3
2
3 import math
4 import os
5 import random
6 import re
7 import sys
8
```

Important Notification Request

Allow important notifications from Snipping Tool ?
You will get important notifications from Snipping Tool when do not disturb is on. To change this later, select this app in notification settings.

Allow

Not Now