

Simple Array Sum ★

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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

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Difficulty: Easy
Max Score: 10
Submitted By: 2441835

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

Line: 35 Col: 1

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Test case 0

Compiler Message

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Test case 1

Test case 2

Input (stdin)

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

Expected Output

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

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Language

Python 3

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

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