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

```python
#!/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.
# The function accepts INTEGER_ARRAY ar as parameter.
#

def simpleArraySum(ar):
    # Write your code here
    s=0
    for i in ar:
        s=s+i
    return s

if __name__ == '__main__':
    fptr = open(os.environ['OUTPUT_PATH'], 'w')

    ar_count = int(input().strip())

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

    result = simpleArraySum(ar)

    fptr.write(str(result) + '\n')

    fptr.close()
```

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

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

Your Output (stdout)

```
31
```

Expected Output Download

```
31
```

Problem Solving

You have earned 10.00 points!

You are now 19 points away from the 1st star for your problem solving badge.

37% 11/30

Congratulations

You solved this challenge. Would you like to challenge your friends?

Next Challenge

Test case 0

Test case 1

Test case 2

Compiler Message

```
Success
```

Input (stdin) Download

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

Expected Output Download

```
31
```