

CS2610 COA Lab exam

April 22, 2022

Problem Definition

Given an array of numbers A , print the sum of the elements of the array.

Input format

- The first line of the input will contain the number of elements in the input array n .
- The following n lines will each have a number which corresponds to the elements of the input array.

Sample input

```
3
77
66
55
```

Output format

- The output is just a single number (sum of elements).
- Please do not print any other text. Follow the output format strictly.

Constraints

- The length of the input array n , will be between 1 and 100 (both inclusive)
- The elements of the input array will have the values between 0 and 100 (both inclusive)

Testcases

Testcase 1

Input

```
4
2
6
9
10
```

Expected Output

```
27
```

Testcase 2

Input

5
65536
65535
65534
65533
65532

Expected Output

327670

Testcase 3

Input

4
10
20
30
40

Expected Output

100

Testcase 4

Input

9
40
30
20
10
0
10
20
30
40

Expected Output

200

Testcase 5

Input

9
40
30
20
10
10
10
20
30
40

Expected Output

210

Testcase 6

Input

6
65536
65535
65534
65533
65532
1

Expected Output

327671

Submission instructions

- Submit only a single assembly file named as `roll_no.asm`. If your roll number is cs20b123 then submit the assembly file as `cs20b123.asm`
- Please download your submission and check if you have submitted the right file.