

# CS2610 COA Lab exam

May 7, 2021

## 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 cs19b123 then submit the assembly file as cs19b123.asm
- Please download your submission and check if you have submitted the right file.