**Competitive Coding Lab 1**

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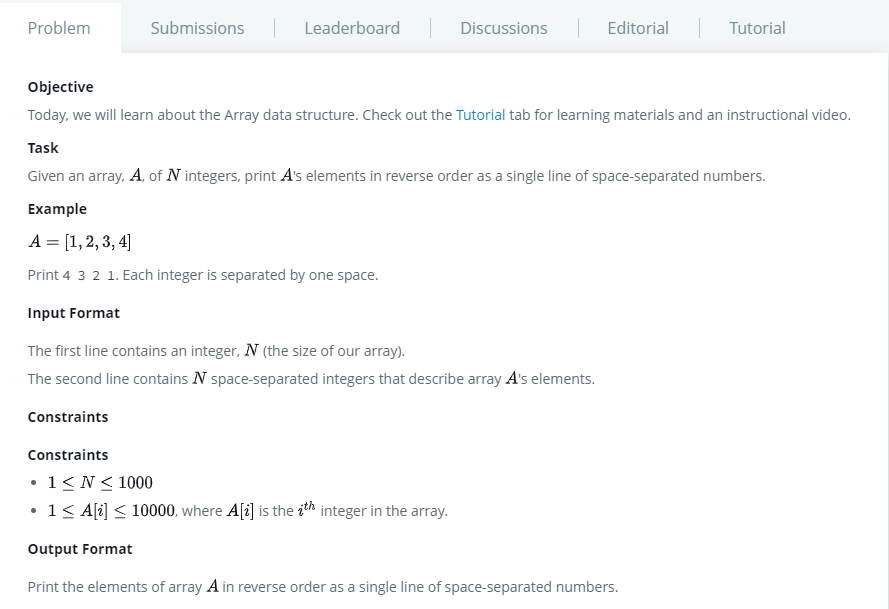
**Branch: CSE Section/Group: WM-904/B**

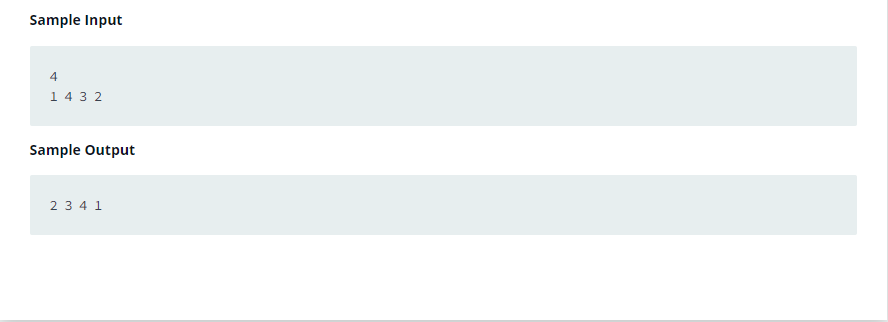
**Semester: 5th Date of Performance: 04/08/22**

**Subject Name: Competitive Coding(CC) Subject Code: 20CSP-314**

**PROBLEM STATEMENT 1: -**

[**https://www.hackerrank.com/challenges/30-arrays/problem**](https://www.hackerrank.com/challenges/30-arrays/problem)



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**SOLUTION:**

import java.util.\*;

/\* 20BCS4919\_Sahul Kumar Parida \*/

public class Solution {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        int n = sc.nextInt();

        int[] arr = new int[n];

        //Array initialization

        for(int i=0; i < n; i++){

            arr[i] = sc.nextInt();

        }

        sc.close();

        //Reversing the array

        for(int i = n - 1; i > -1; i--){

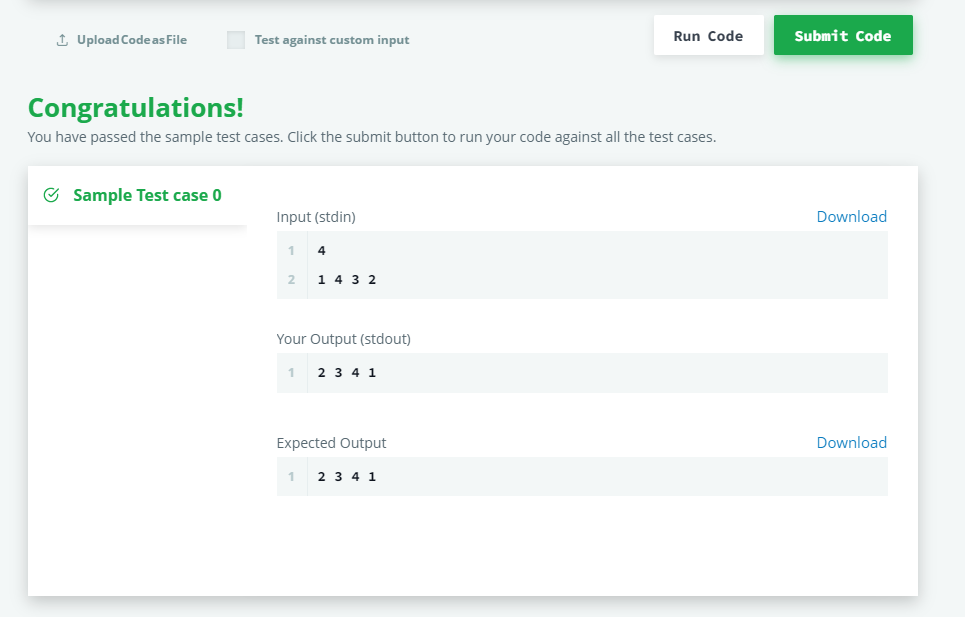
            System.out.print(arr[i] + " ");

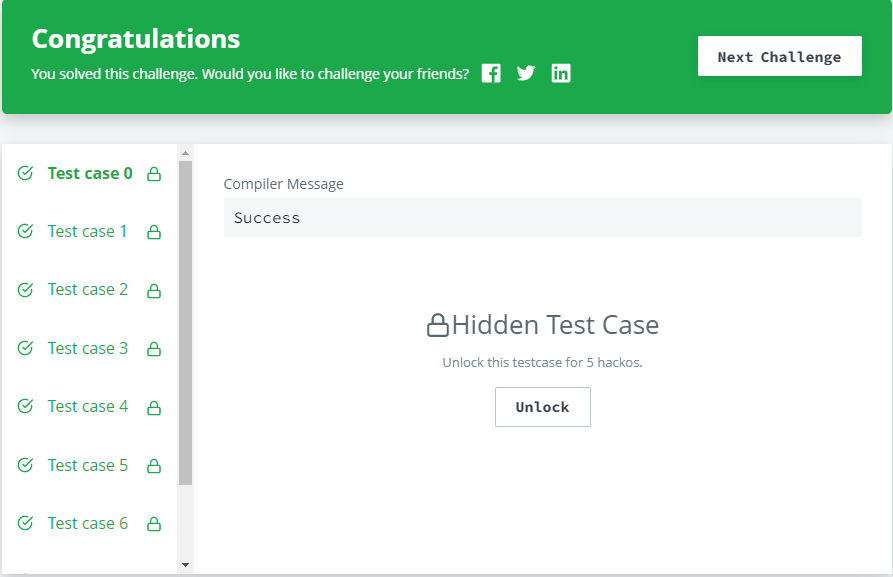
        }

    }

}

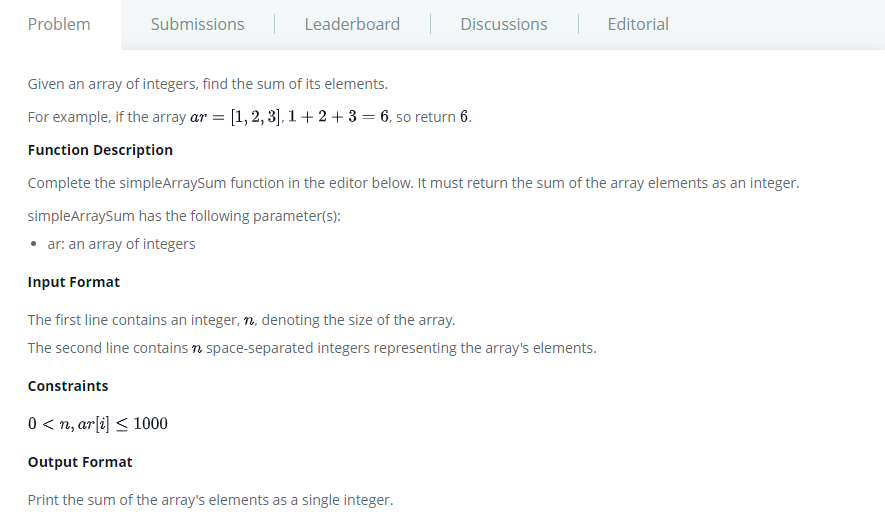
# TEST CASES:

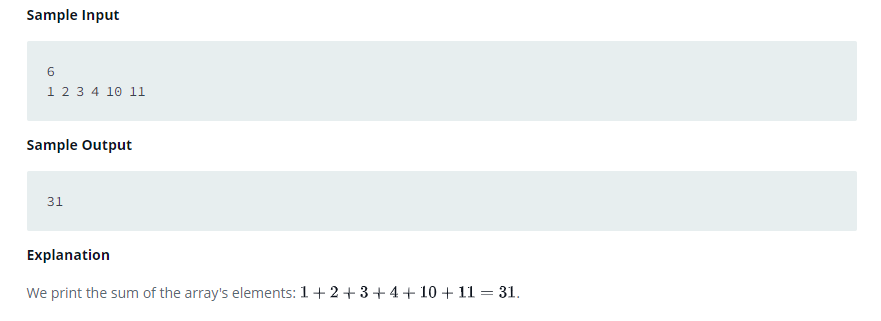




**PROBLEM STATEMENT 2: -**

[**https://www.hackerrank.com/challenges/simple-array-sum/problem**](https://www.hackerrank.com/challenges/simple-array-sum/problem)





# SOLUTION:

import java.util.\*;

/\* 20BCS4919\_Sahul Kumar Parida \*/

public class Solution {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        int N =sc.nextInt();

        int[] sum = new int[N];

        int total =0;

        //sum of array elements

        for(int i=0;i<N;i++){

            sum[i] = sc.nextInt();

            total = total + sum[i];

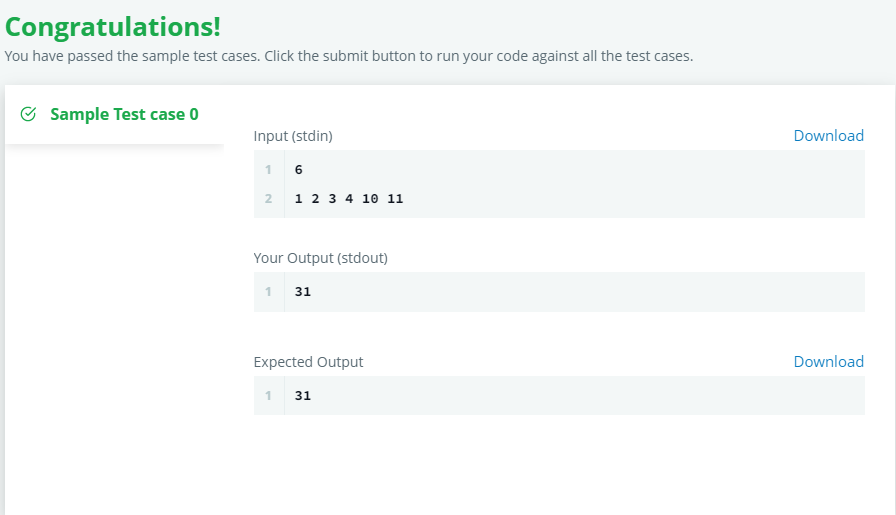
        }

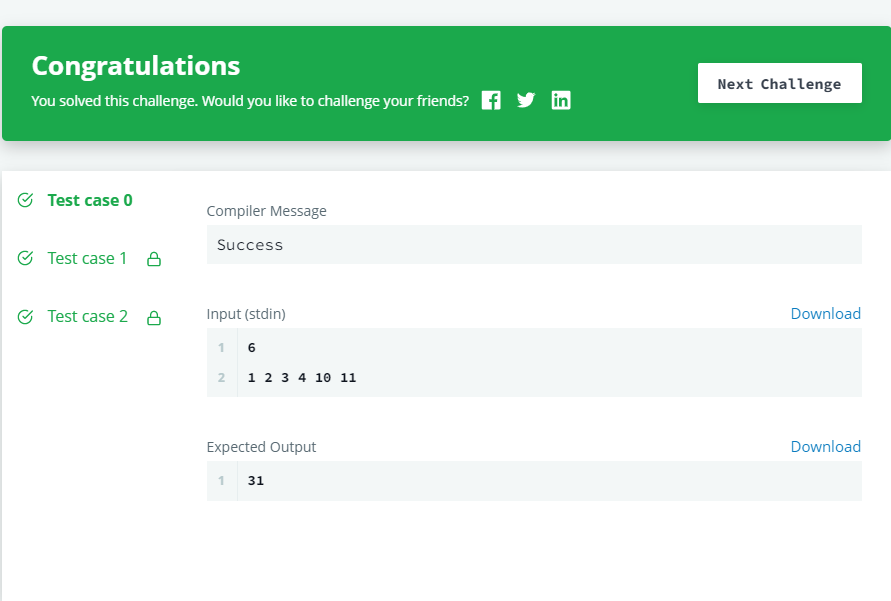
        System.out.println(total);

    }

}

# TEST CASES:

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**Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):**

|  |  |  |  |
| --- | --- | --- | --- |
| Sr. No. | Parameters | Marks Obtained | Maximum Marks |
| 1. |  |  |  |
| 2. |  |  |  |
| 3. |  |  |  |
|  |  |  |  |