Experiment No: 1.1

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Subject Name: Competitive Coding lab **Subject Code:20CSP-314**

1.Aim/Overview of the practical:

Q1. Print 4 3 2 1. Each integer is separated by one space.

Input Format

The first line contains an integer (the size of our array).
The second line contains space-separated integers that describe array 's elements. **Output**

Format

Print the elements of array in reverse order as a single line of space-separated numbers.

Sample Input

4

1 4 3 2

Sample Output

2 3 4 1

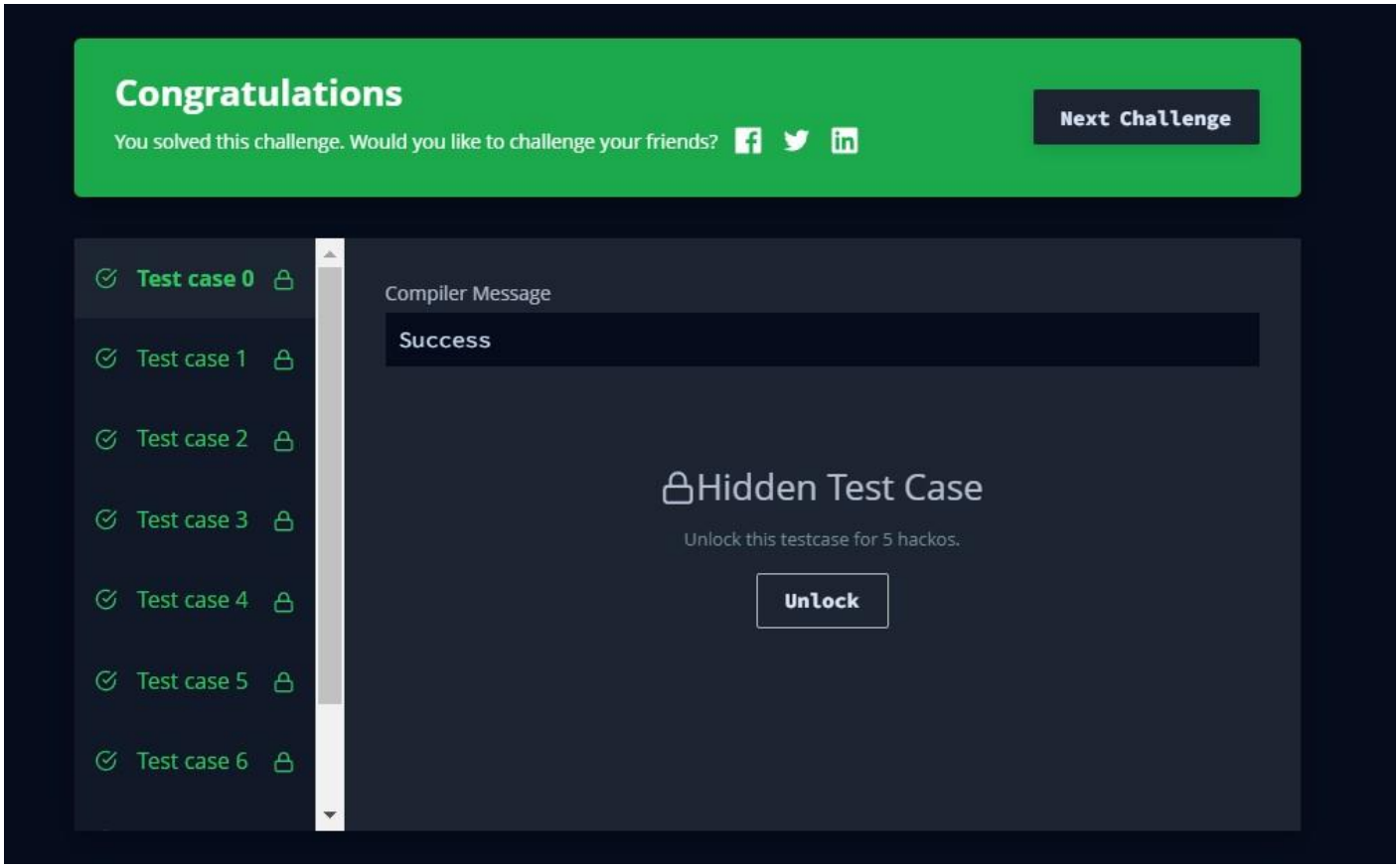
2. Code:

```
#include<iostream>
using namespace std;
int main(){ int n;
    cin>>n;
    int arr[n]; for(int
    i=0;i<n;i++){
    cin>>arr[i];

    } for(int i=n-1;i>=0;i--
    ){ cout<<arr[i]<<" ";
```

```
    }
    return 0;
}
```

Result:



Q2. Given an array of integers, find the sum of its elements.

For example, if the array , , so return .

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, , denoting the size of the array.

The second line contains space-separated integers representing the array's elements. 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

Code:

```
#include<iostream>
using namespace std;
int main(){ int n;
    cin>>n;

    int arr[n];
    int s=0;
    for(int
    i=0;i<n;i++
```

```
    ){
    cin>>arr[i];
    s+=arr[i];
} cout<<s<<endl;
    return 0;
}
```

Result: