DAILY ONLINE ACTIVITIES SUMMARY

Date:	01 June 2020	Name:	Asha Rudrappa Totagi
Sem& Sec	6thsem& A sec	USN:	4AL17CS015

Online Test Summary			
Subject	Cryptography Network Security & Cyber Laws		
Max. Marks	60	Score	48

Certification Course Summary			
Course	Career Edge – Knockdown the Lockdown		
Certificate Provider	TCSiON	Duration	15 days

Coding Challenges

Problem Statement

Program 1: Given an array of positive integers. Write a C Program to find the leaders in the array.

Note: An element of array is leader if it is greater than or equal to all the elements to its right side. Also, the rightmost element is always a leader.

Input:

The first line of input contains an integer T denoting the number of test cases. The description of T test cases follows.

The first line of each test case contains a single integer N denoting the size of array. The second line contains N space-separated integers A1, A2, ..., AN denoting the elements of the array.

Output:

Print all the leaders.

Constraints:

$1 <= T <= 100$

$1 <= N <= 107$

$0 <= Ai <= 107$

Program 2: Python Program to remove duplicate elements from a list

Description:

input[1,2,3,3,4,5,5,6]

Output[1,2,3,4,5,6]

Status: DONE

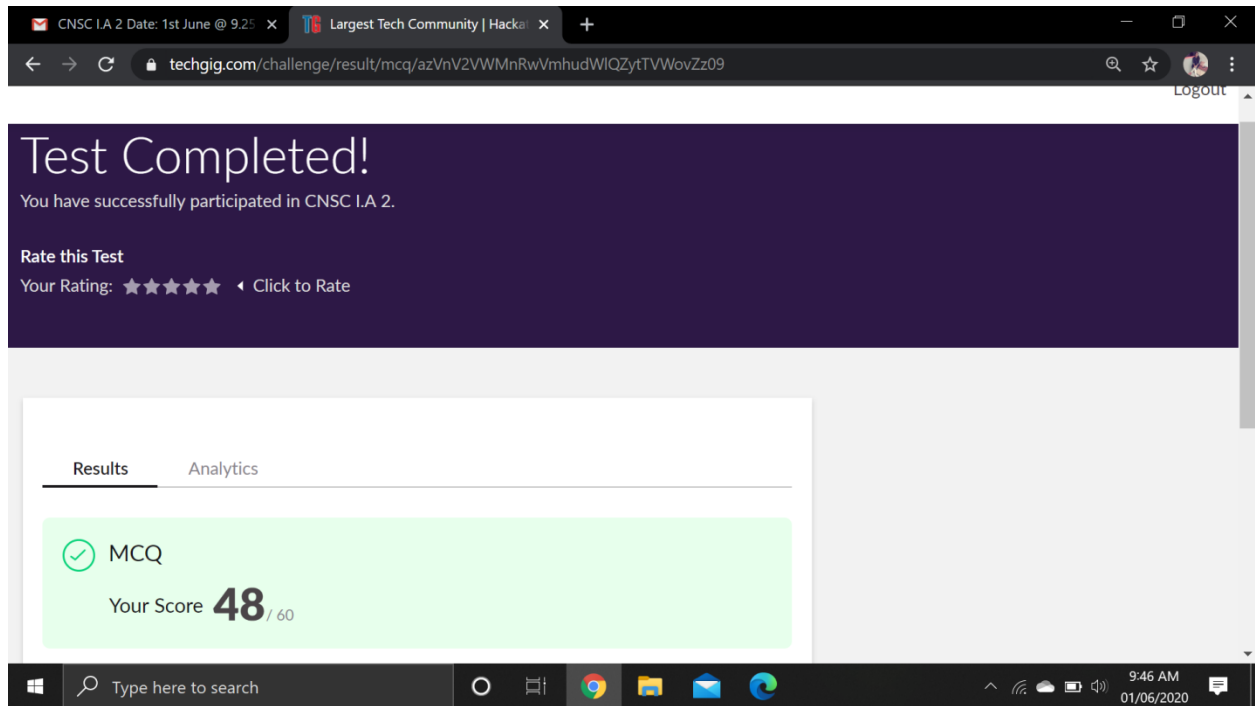|	
Uploaded the report in Github	**YES**
If yes Repository name	**Daily Status**
Uploaded the report in slack	**YES**

Online Test Details: (Attach the snapshot and briefly write the report for the same)

CNSC IA2 test was held today i.e, 01 June 2020. Out of 60 marks I scored 48.

Certification Course Details: (Attach the snapshot and briefly write the report for the same

DAY7 (01-06-2020) – Introduction to Ace Corporate Interviews.

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

Program 1:

```c
#include<stdio.h>

#include<limits.h>

void ArrayLeader(int arr[],int size);

void PrintArray(int arr[],int size);

int main(void)

{

int arr[] = {7,4,5,7,3};

int size = 5;

printf("\n\n....... Array Element .........\n\n");

PrintArray(arr,size);

printf("\n\n....... Leader in Array .......\n\n");

ArrayLeader(arr,size);

printf("\n\n.............................\n\n");

return 0;

}

void ArrayLeader(int arr[],int size)

{

int MaxTillNow,i;

MaxTillNow = INT_MIN;

for(i=size-1;i>=0;--i)

{

if(arr[i] > MaxTillNow)
```

```c
{

printf("%d ",arr[i]);

MaxTillNow = arr[i];

}

}

}

void PrintArray(int arr[],int size)

{

int i;

for(i=0;i<size;++i)

printf("%d ",arr[i]);

}
```

Program 2:

```python
a=[]
n= int(input("Enter the number of elements in list:"))
for x in range(0,n):
element=int(input("Enter element" + str(x+1) + ":"))
a.append(element)
b = set()
unique = []
for x in a:
if x not in b:
unique.append(x)
b.add(x)
print("Non-duplicate items:")
print(unique)
```