DAILY ONLINE ACTIVITIES SUMMARY

Date:	**3/06/2020**	**Name:**	**Prathiksha**
Sem & Sec	**8th sem & B sec**	**USN:**	**4AL16CS070**

Online Test Summary

Subject	**Not Conducted**		
Max. Marks	**-**	**Score**	**-**

Certification Course Summary

Course	**Introduction to Cybersecurity.**		
Certificate Provider	**GreateLearning**	**Duration**	**7hrs**

Coding Challenges

Problem Statement:

1. Find last remaining element after reducing the Array in C++.
2. To print the pattern of the following form containing the numbers.

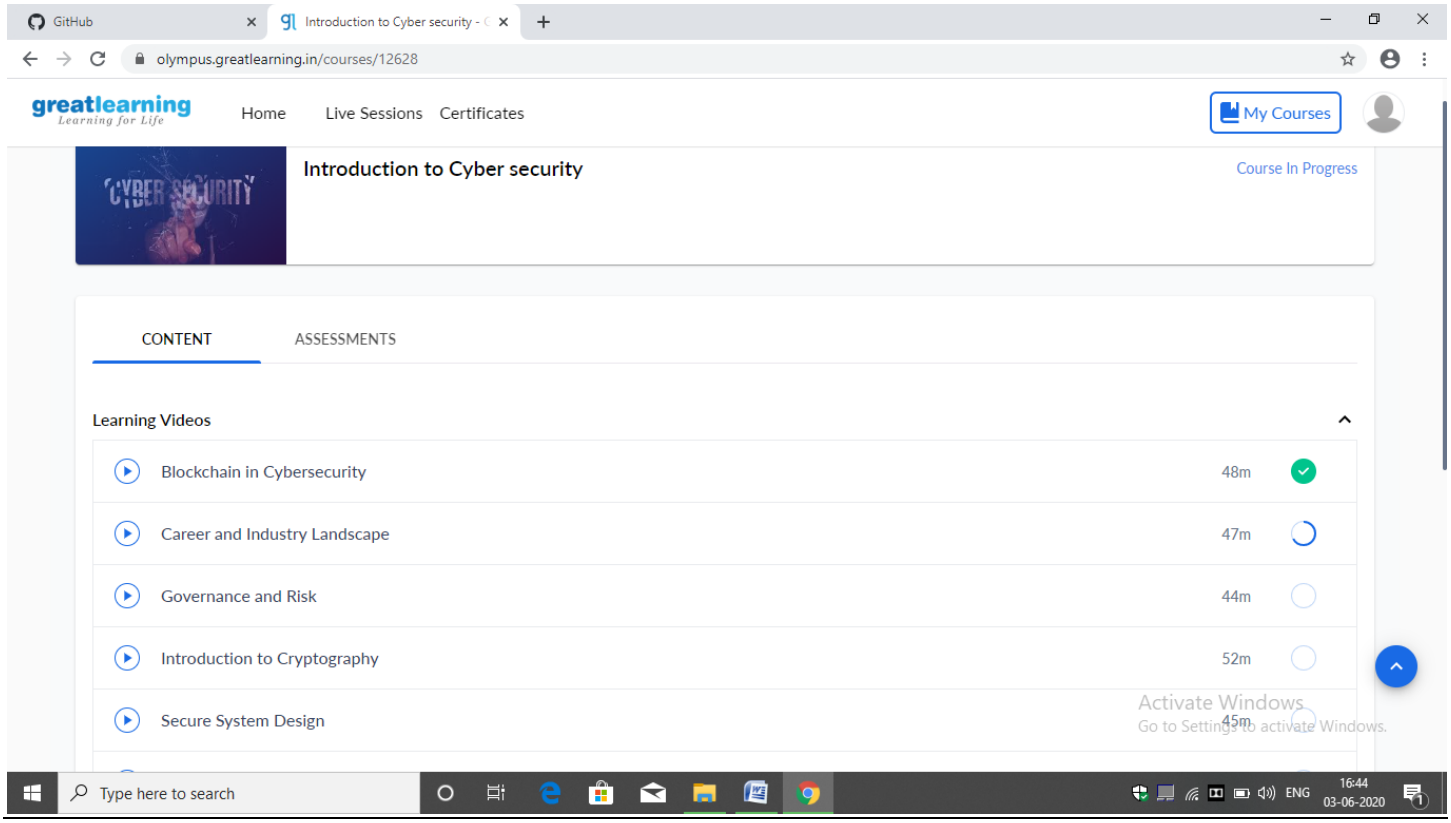
Status: Solved

Uploaded the report in Github	**Yes**
If yes Repository name	**Prathiksha**
Uploaded the report in slack	**Yes**

Online Test Details:

Not conducted.

Certification Course Details:



Topic : Block Chain in Cyber security.

Coding Challenges Details:

Program 1:

```
#include <iostream>
using namespace std;
int find_value(int a[], int n, int k)
{
int sum = 0;
for (int i = 0; i < n; i++) {
sum += a[i];
}
int main()
```

```
{
n, k)<<endl;
}
return sum % k;
int n, k,a[20];
cout<<"Enter the number of element\n";
cin>>n;
cout<<"Enter the elements\n";
for(int i=0;i<n;i++)
cin>>a[i];
cout<<"Enter the vake of K\n";
cin>>k;
cout<<"The last remaining element : "<< find_value(a,n, k)<<endl;
return 0;
}
```

Program 2:

```
Sample Input 0
2
Sample Output 0
2 2 2
2 1 2
2 2 2
#include <stdio.h>
int main()
{
    int n;
    scanf("%d", &n);
    int len = n*2 - 1;
    for(int i=0;i<len;i++){
        for(int j=0;j<len;j++){
            int min = i < j ? i : j;
            min = min < len-i ? min : len-i-1;
            min = min < len-j-1 ? min : len-j-1;
            printf("%d ", n-min);
        }
        printf("\n");
    }
    return 0;
}
```