DAILY ONLINE ACTIVITIES SUMMARY

Date:	21/5/2020	Name:	Sumana
Sem & Sec	8th Sem B	USN:	4AL16CS107

Online Test Summary			
Subject	System Modelling and Simulation		
Max. Marks	60	Score	43

Certification Course Summary			
Course	Introduction to Ethical Hacking		
Certificate Provider	greatlearning.in	Duration	6 hrs

Coding Challenges
Problem Statement: Write C Program to create Singly Liked List with n elements and reverse the elements using C.
Status: Completed

Uploaded the report in Github	Yes
If yes Repository name	Alvas-education-foundation/Sumana
Uploaded the report in slack	yes

Online Test Details:
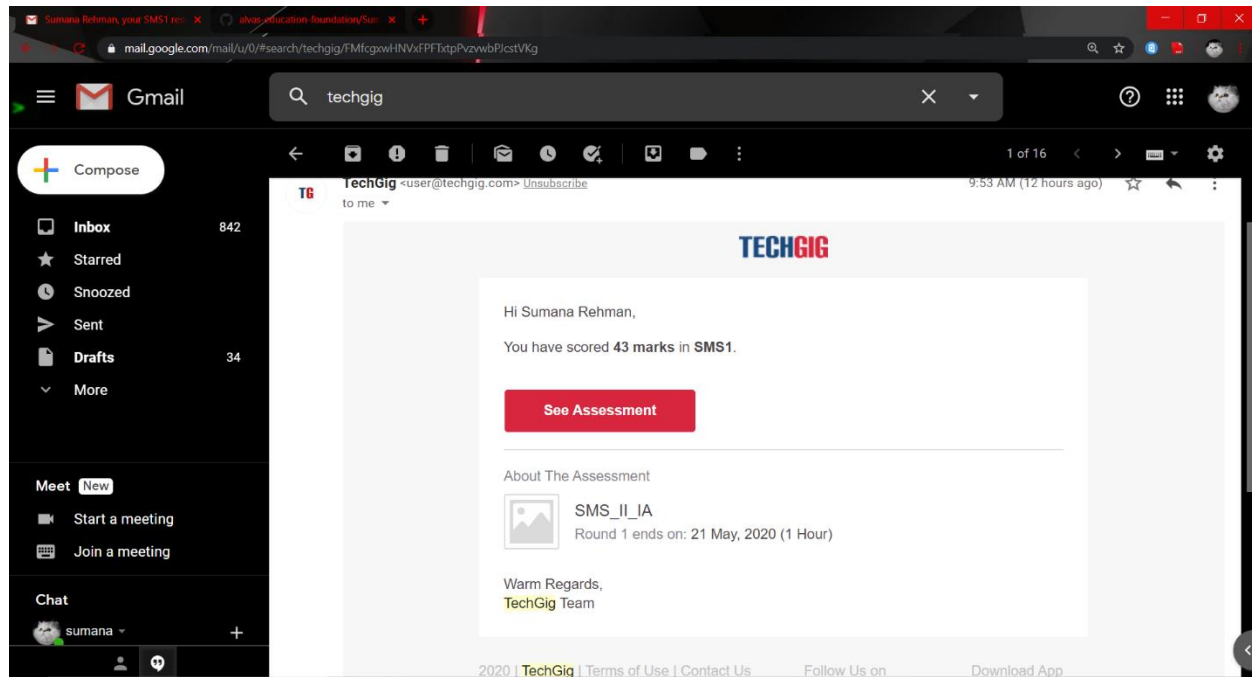
Certification Course Details:
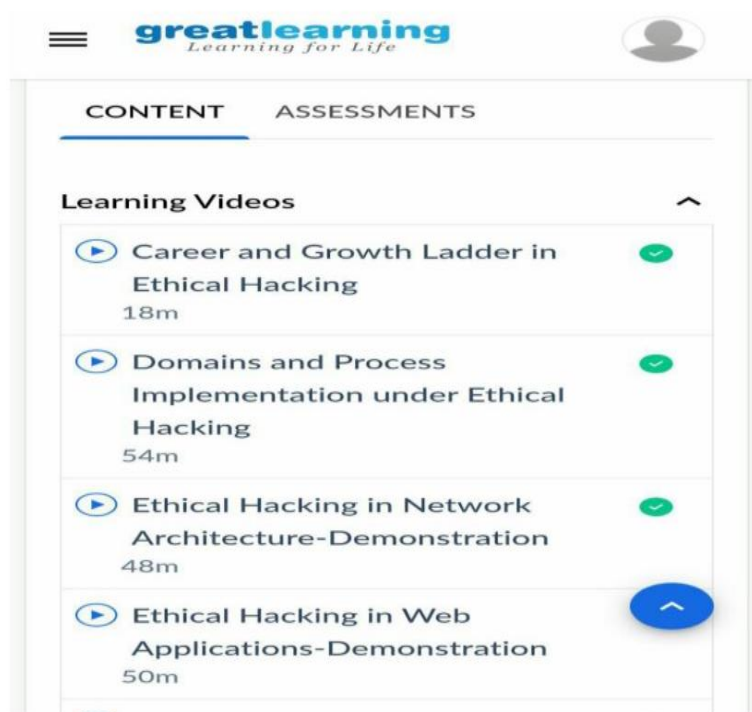
Coding Challenges Details:

Program 1:

```c
#include <stdio.h>
#include <stdlib.h>
struct node
{
int data;
struct node *next;
};
struct Node reverse(struct Node head,int k)
{
struct Node current= head;
struct Node next= Null;
struct Node prev= Null;
int count = 0;
while(current!=Null && count<k)
{
next= current->next;
current->next = prev;
prev= current;
current= next;
count++;
}
if ( next!=Null)
head->next= reverse( next,k);
return prev;
}
```

```c
void push( struct Node ==head_ref,int new_data)

{

struct Node= new_node= (struct Node) malloc(sizeof(struct Node));

}

}

int main()

{

Struct node *prev,*head,*p;

int n,i;

printf ("number of elements:");

scanf("%d",&n);

head=NULL;

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

{

p=malloc(sizeof(struct node));

scanf("%d",&p->data);

p->next=NULL;

if(head==NULL)

head=p;

else

prev->next=p;

prev=p;

}

return 0;

}
```