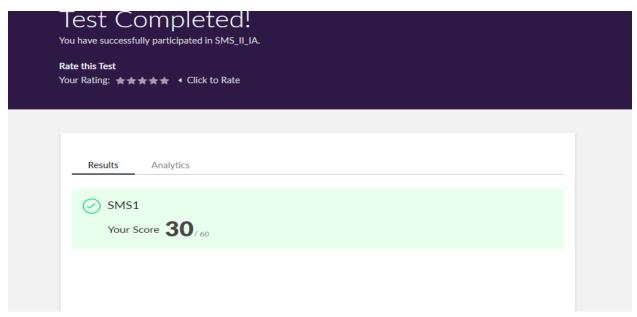
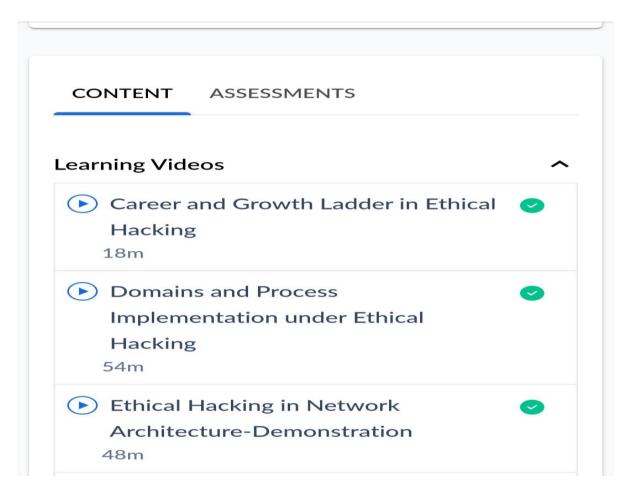
## **DAILY ONLINE ACTIVITIES SUMMARY**

| Date:  | 21/5/202            | 0                               | Name:    | Vleena | ena Mascarenhas |  |
|--|---------------------|---------------------------------|----------|--------|-----------------|--|
| Sem & Sec  | 8 <sup>th</sup> & B |                                 | USN:     | 4AL16  | CS121           |  |
| Online Test Summary  |                     |                                 |          |        |                 |  |
| Subject System Modeling & Simulation   |                     |                                 | on       |        |                 |  |
| Max. Marks 60  |                     |                                 | Score    | 30     |                 |  |
| Certification Course Summary   |                     |                                 |          |        |                 |  |
| Course   | Introduct           | Introduction to Ethical Hacking |          |        |                 |  |
| Certificate Provider   |                     | Great learning academy          | Duration |        | 6hrs            |  |
| Coding Challenges  |                     |                                 |          |        |                 |  |
| Problem Statement:  1. Write C Program to create Singly Liked List with n elements and reverse the elements using C.  2. Python program in number right angled triangle. |                     |                                 |          |        |                 |  |
| Status: Solved   |                     |                                 |          |        |                 |  |
| Uploaded the report in Github  |                     |                                 | yes      |        |                 |  |
| If yes Repository name   |                     |                                 | vleena   |        |                 |  |
| Uploaded the report in slack   |                     |                                 | yes      |        |                 |  |

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



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



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

```
program 1:
Write C Program to create Singly Liked List with n elements and reverse the elements using 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)</pre>
{
next= current->next;
current->next = prev;
prev= current;
current= next;
count++;
}
if ( next!=Null)
head->next= reverse( next,k);
```

```
return prev;
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;
}
```

## program 2:

Python program in number right angled triangle

## Enter number 5

```
5 4 3 2 1
4 3 2 1
3 2 1
2 1
1
rows = int(input("enter number of rows "))
for i in range(0, rows + 1):
for j in range(rows - i, 0, -1):
print(j, end=' ')
print()
```