DAILY ONLINE ACTIVITIES SUMMARY

Date:	22/05/2020		Name:	Pragathi h d
Sem & Sec	8 sem B sec		USN:	4AL16CS066
Online Test Summary				
Subject	BDA			
Max. Marks	40		Score	30
Certification Course Summary				
Course	Introduction to ethical hacking			
Certificate Provider	Great Learning		Duration	6.00hrs
Coding Challenges				
Problem Statement: 1) Write C Program to create Singly Liked List with n elements and reverse the elements using C. 2) pyramid of numbers				
Status: Solved				
Uploaded the report in Github			Uploaded	
If yes Repository name			Pragathijain	
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)
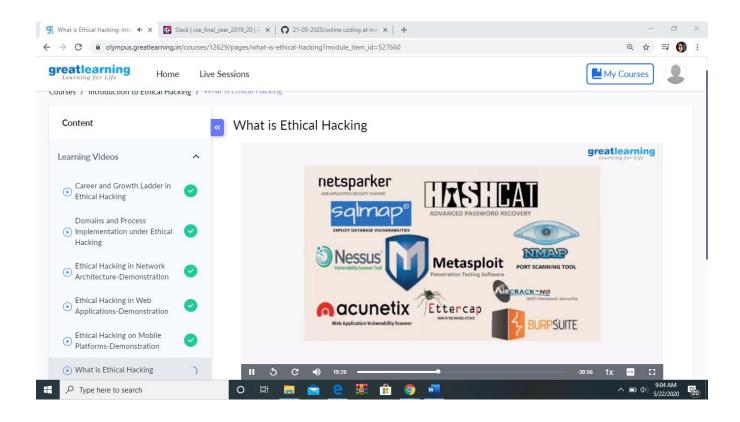
Online coding challenge

```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;
}
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;
}
```

Pyramid of numbers

```
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()
```

Certification course details

Online test

Results   Analytics

✓ Module 2

Your Score **30** / 40