

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 Linked 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

```
#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

The screenshot shows a web browser with multiple tabs. The active tab is 'olympus.greatlearning.in/courses/12629/pages/what-is-ethical-hacking?module_item_id=527660'. The website header includes the Great Learning logo and navigation links for Home, Live Sessions, and My Courses. The main content area is titled 'What is Ethical Hacking' and features a 'Content' sidebar with a list of learning videos. The video player displays a collage of various cybersecurity tools and frameworks.

Learning Videos

- Career and Growth Ladder in Ethical Hacking
- Domains and Process Implementation under Ethical Hacking
- Ethical Hacking in Network Architecture-Demonstration
- Ethical Hacking in Web Applications-Demonstration
- Ethical Hacking on Mobile Platforms-Demonstration
- What is Ethical Hacking

Tools and Frameworks shown in the video player:

- netsparker
- sqlmap
- Nessus
- Metasploit
- acunetix
- Ettercap
- HASHCAT
- NMAP
- Aircrack-ng
- BURPSUITE

Online test

Results

Analytics



Module 2

Your Score **30** / 40