

DAILY ONLINE ACTIVITIES SUMMARY

Date:	21/5/2020	Name:	Vleena Mascarenhas
Sem & Sec	8 th & B	USN:	4AL16CS121
Online Test Summary			
Subject	System Modeling & Simulation		
Max. Marks	60	Score	30
Certification Course Summary			
Course	Introduction to Ethical Hacking		
Certificate Provider	Great learning academy	Duration	6hrs
Coding Challenges			
Problem Statement: 1. Write C Program to create Singly Linked 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)

Test Completed!

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Results

Analytics



SMS1

Your Score **30** / 60

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

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ASSESSMENTS

Learning Videos



Career and Growth Ladder in Ethical Hacking

18m



Domains and Process Implementation under Ethical Hacking

54m



Ethical Hacking in Network Architecture-Demonstration

48m



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

program 1:

Write C Program to create Singly Linked 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)
```

```
{
```

```
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()
```