DAILY ONLINE ACTIVITIES SUMMARY

Date:	**5/06/2020**	**Name:**	**Nagashree D**
Sem & Sec	**8th A**	**USN:**	**4AL16CS055**

Online Test Summary

Subject	**BDA**		
Max. Marks	**30**	**Score**	**15**

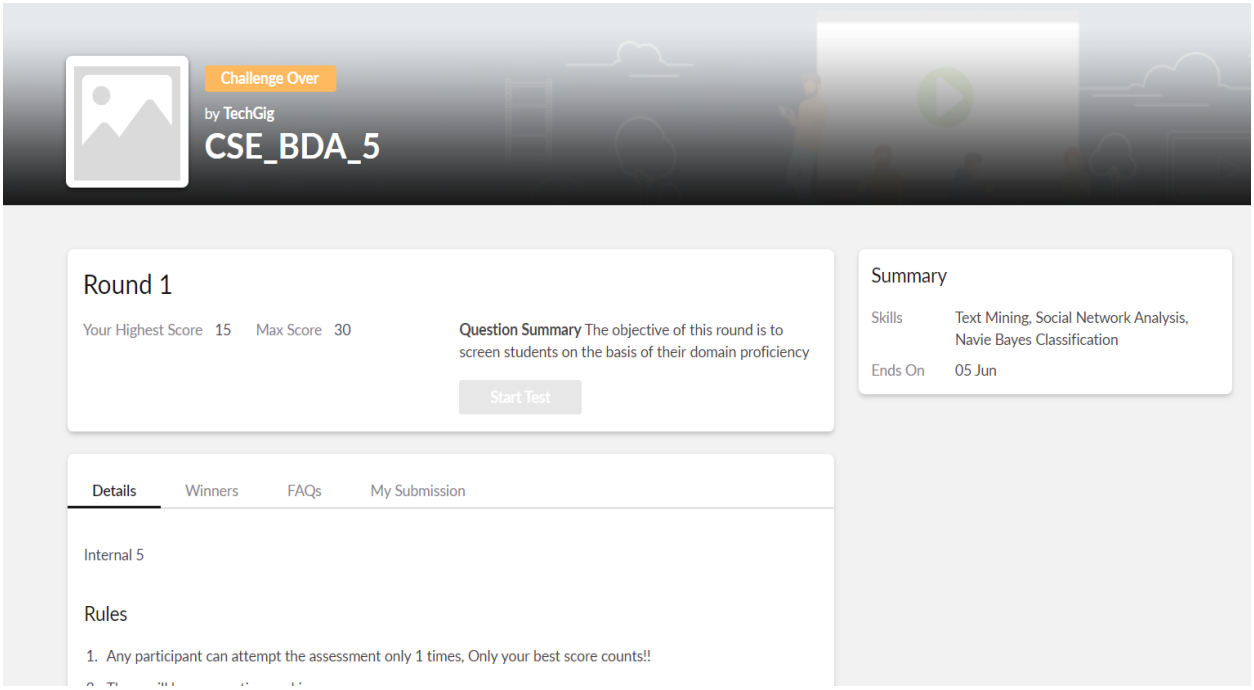
Certification Course Summary

Course	**Cyber Security**		
Certificate Provider	**Great learning Academy**	**Duration**	**7hr**

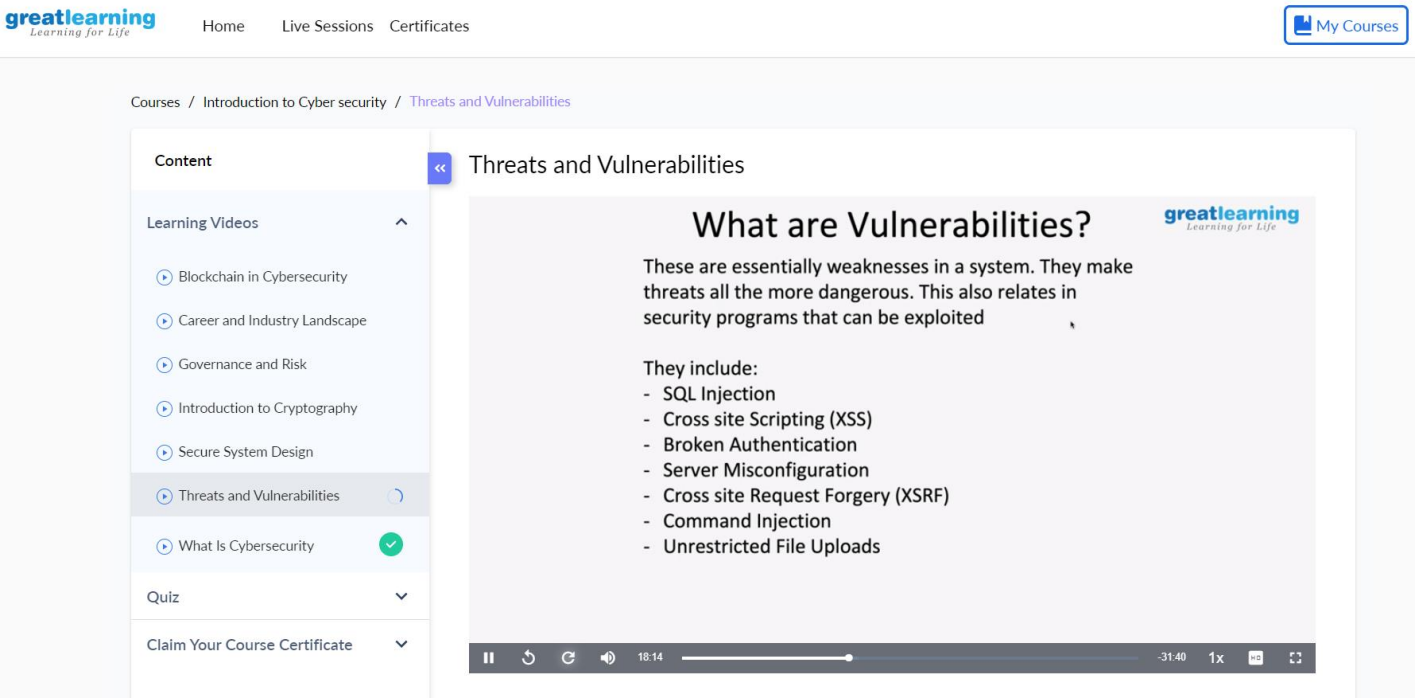
Coding Challenges

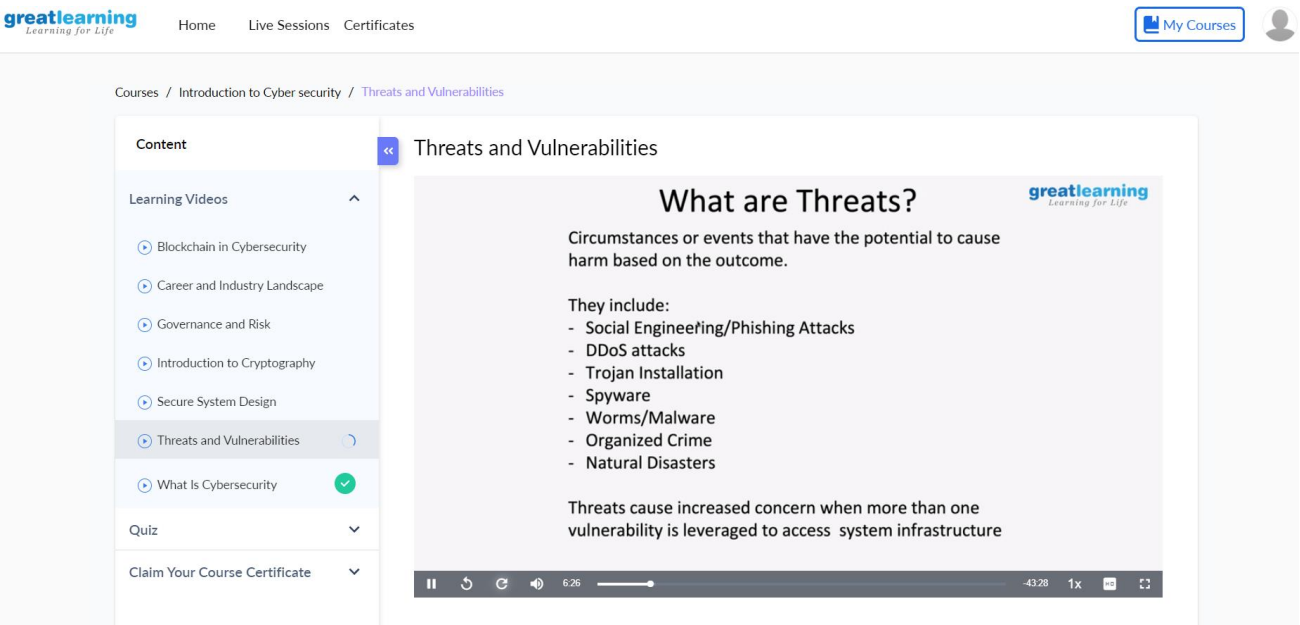
Problem Statement: Write a Program to Reverse a Linked List in groups of given size.	
Status: Solved	
Uploaded the report in Github	**Yes**
If yes Repository name	**Nagashreed**
Uploaded the report in slack	**Yes**

Online Test Details:



Certification Course Details





Coding Challenges Details:

Write a Program to Reverse a Linked List in groups of given size.

```
#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;
}
```