


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:



Challenge Over

by TechGig

CSE_BDA_5

Round 1

Your Highest Score 15 Max Score 30

Question Summary The objective of this round is to screen students on the basis of their domain proficiency

Start Test

DetailsWinnersFAQsMy Submission

Internal 5

Rules

- Any participant can attempt the assessment only 1 times, Only your best score counts!!

Summary

Skills

Text Mining, Social Network Analysis, Navie Bayes Classification

Ends On

05 Jun

Certification Course Details

Courses / Introduction to Cyber security / Threats and Vulnerabilities

Content

Learning Videos

Blockchain in Cybersecurity

Career and Industry Landscape

Governance and Risk

Introduction to Cryptography

Secure System Design

Threats and Vulnerabilities

What Is Cybersecurity

Quiz

Claim Your Course Certificate

Threats and Vulnerabilities

What are Vulnerabilities?

These are essentially weaknesses in a system. They make threats all the more dangerous. This also relates in security programs that can be exploited

They include:

- SQL Injection
- Cross site Scripting (XSS)
- Broken Authentication
- Server Misconfiguration
- Cross site Request Forgery (XSRF)
- Command Injection
- Unrestricted File Uploads



Courses / Introduction to Cyber security / Threats and Vulnerabilities

Content

Learning Videos

Blockchain in Cybersecurity

Career and Industry Landscape

Governance and Risk

Introduction to Cryptography

Secure System Design

Threats and Vulnerabilities

What Is Cybersecurity

Quiz

Claim Your Course Certificate

Threats and Vulnerabilities

What are Threats?

Circumstances or events that have the potential to cause harm based on the outcome.

They include:

- Social Engineering/Phishing Attacks
- DDoS attacks
- Trojan Installation
- Spyware
- Worms/Malware
- Organized Crime
- Natural Disasters

Threats cause increased concern when more than one vulnerability is leveraged to access system infrastructure

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;  
}
```