DAILY ONLINE ACTIVITIES SUMMARY

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Sem & Sec	8th,B	USN:	4AL16CS099

Online Test Summary

Subject	SMS		
Max. Marks	60	Score	45

Certification Course Summary

Course	Introduction to ethical hacking		
Certificate Provider	Great learning	Duration	6 Hrs

Coding Challenges

Problem Statement:

Write a C program to reverse a linked list in groups of given size

Status: Solved

Uploaded the report in Github	Yes
If yes Repository name	alvas-education-foundation/ Shriraksha
Uploaded the report in slack	Yes

Online Test Details:

Results   Analytics

✓ SMS1

Your Score

45 / 60

Share Your Result

f Facebook   🐦 Twitter   in LinkedIn

I have scored 45 on the Techgig SMS1. Come and participate in this challenge.

Certification Course Details:

Certified ethical hackers make an average annual income of **$80,074**, according to [Payscale](). The average starting salary for a certified ethical hacker is **$95,000**, according to EC-Council senior director Steven Graham. The founder of NoWiresSecurity, Eric Geier, estimates a more conservative **$50,000 to $100,000 per year** in the first years of work depending on your employer, experience and education. Those with a few years of experience can pull **$120,000 and upwards per year**, particularly those who work as independent consultants.

CONTENT   **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 ○

▶ Ethical Hacking in Web Applications-Demonstration
50m ○

▶ Ethical Hacking on Mobile Platforms-Demonstration
34m

▶ What is Ethical Hacking ○

Ethical Hacking Career: Job Profiles

After attaining the much coveted CEH v10, an ethical hacker can try for the following roles:

- Information Security Analyst
- Security Analyst
- Certified Ethical Hacker (CEH)

- o Ethical Hacker
- o Security Consultant, (Computing / Networking / Information Technology)
- o Information Security Manager
- o Penetration Tester

An ethical hacker finds a job in any company which has an internet facing side or anything to do with the web. These include college institutions like MIT and even private companies ranging from logistic services to data warehousing companies. Apart from these, you also get a chance to work for the military and top-secret intelligence gathering agencies like the CIA, Mossad, NSA.

Ethical Hacker Skill Set

A person with an ethical hacking career is expected to be proficient in database handling, networking, and operating systems and also have excellent soft skills as they need to communicate problems regarding security to the rest of the organization. Other than these generalized skillsets, an ethical hacker also have a good grasp on the following skills:

- Network traffic sniffing
- Orchestrate various network attacks
- Exploit buffer overflow vulnerabilities
- SQL injection
- Password guessing and cracking
- Session hijacking and spoofing
- DNS spoofing

Coding Challenges:

program1:

```c
#include<stdio.h>
#include<stdlib.h>
struct Node
{
int data;
struct Node* next;
};
pointer to the new head node. /
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));
```