DAILY ONLINE ACTIVITIES SUMMARY

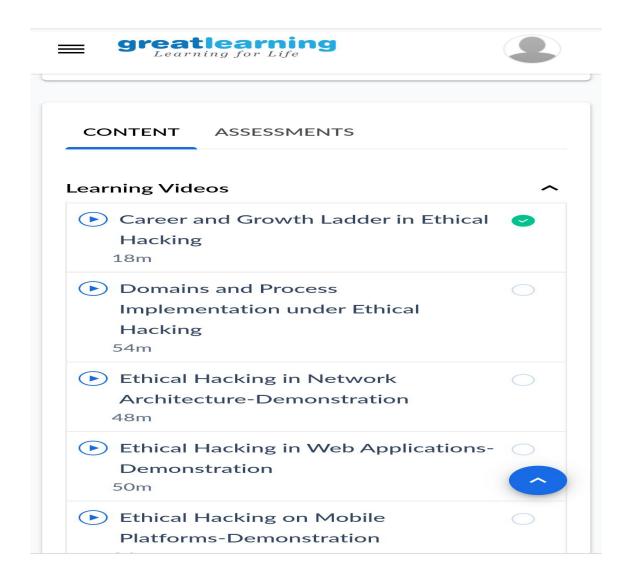
Date:	18-05-2	020	Name:	Shriraksha				
Sem & Sec	em & Sec 8 th ,B			4AL16CS099				
		Online Te	st Summary	y				
Subject	SMS	SMS						
Max. Marks 60			Score 43					
Certification Course Summary								
Course	Introdu	Introduction to ethical hacking						
Certificate Provider Great lear		Great learning	Duration		6 Hrs			
Coding Challenges								
Problem Statement: prob1- Using methods charAt() & length() of String class, write a program to print the frequency of each character in a string. "Hello friend"								
Prob2- Write down a java program to print even and odd numbers series respectively from two threads: t1 and t2 synchronizing on a shared object Let t1 print message "ping — >" and t2 print message ",—pong".								
Status: Solv	ed							
Uploaded the report in Github			Yes					
If yes Repos	itory na	me	Shriraksha					
Uploaded the report in slack			Yes					
		-						

Online Test Details:



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.



Ethical Hacking Career: Job Profiles

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

- o Information Security Analyst
- Security Analyst
- o Certified Ethical Hacker (CEH)
- Ethical Hacker
- Security Consultant, (Computing / Networking / Information Technology)
- o Information Security Manager
- 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:

```
Using methods charAt() & length() of String class, write a program to print the
frequency of each character in a string.
"Hello friend"
Output should be
-: 1
d: 1
e: 2
f: 1
(continued for all character in the string)
Write down a java program to print even and odd numbers series respectively
from two threads: t1 and t2 synchronizing on a shared object
Let t1 print message "ping - >" and t2 print message ",--pong".
Take as command line arguments, the following inputs to the program:
Sleep Interval for thread t1
Write down a java program to print even and odd numbers series respectively from
threads: t1 and t2 synchronizing on a shared object
Let t1 print message "ping - >" and t2 print message ",--pong".
Take as command line arguments, the following inputs to the program:
Sleep Interval for thread t1
Sleep Interval for thread t2
Message per cycle
No of cycles
1.import java.util.Scanner;
public class StringOperators
public static void main(String args[])
int i;
String str;
int counter[] = new int[256];
Scanner in = new Scanner(System.in);
System.out.print("Enter a String : ");
str=in.nextLine();
for (i = 0; i < str.length(); i++) {
counter[(int) str.charAt(i)]++;
for (i = 0; i < 256; i++) {
if (counter[i] != 0) {
  System.out.println((char) i + ":-" + counter[i] + " times");
}
```

```
}
}
}
2.public class PingPong extends Thread {
static StringBuilder object = new StringBuilder("");
public static void main(String[] args) throws InterruptedException {
Thread t1 = new PingPong();
Thread t2 = new PingPong();
t1.setName("\nping");
t2.setName(" pong");
t1.start();
t2.start();
}
@override
public void run() {
working();
void working() {
while (true) {
synchronized (object) {
try {
System.out.print(Thread.currentThread().getName());
object.notify();
object.wait();
} catch (InterruptedException e) {
e.printStackTrace();
}
}
}
}
}
```