DAILY ONLINE ACTIVITIES SUMMARY

Date:	18/5/2020	**Name:**	Vleena Mascarenhas
Sem & Sec	8th & B	**USN:**	4AL16CS121

Online Test Summary

Subject	System Modeling and Simulation		
Max. Marks	60	**Score**	36

Certification Course Summary

Course	Introduction to Ethical Hacking		
Certificate Provider	Great learning academy	**Duration**	6hrs

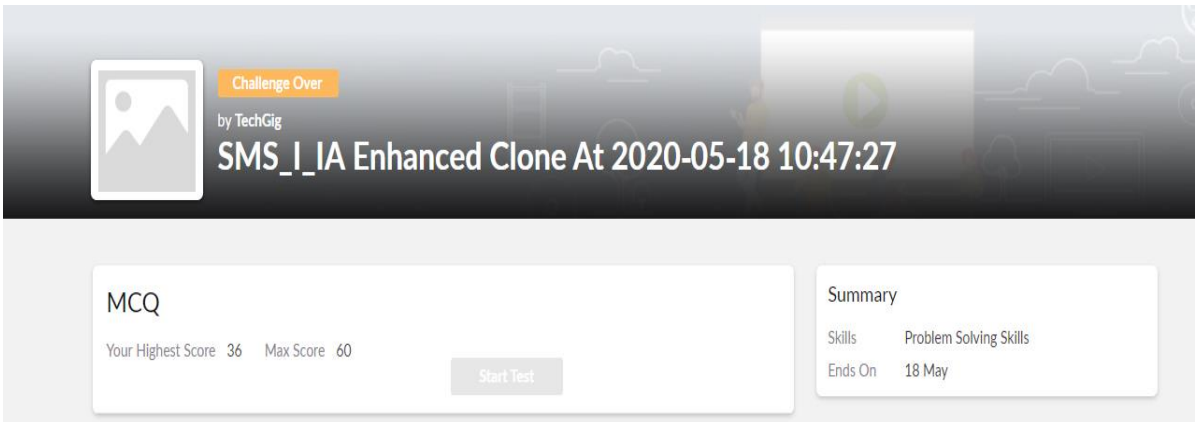
Coding Challenges

Problem Statement:
1.Using methods charAt() & length() of string class
2.print even and odd numbers series respectively from two threads:t1 and t2.

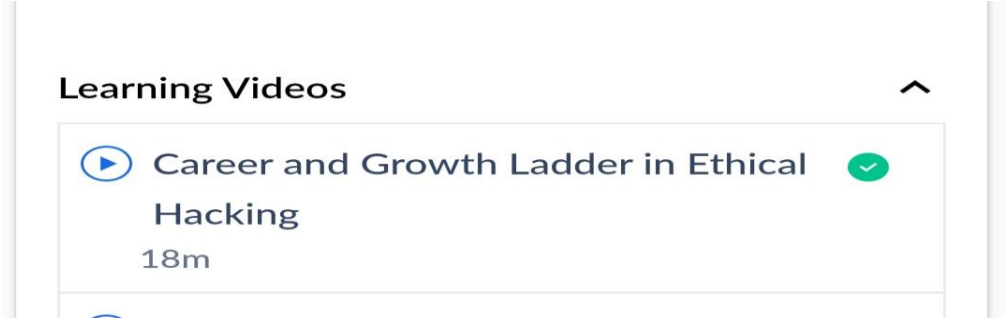
Status: Solved

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)



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



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

prog 1:

```
import java.util.Scanner;

public class Frequency1
{
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)]++;
    }
    // Print Frequency of characters
    for (i = 0; i < 256; i++) {
        if (counter[i] != 0) {
             System.out.println( (char) i  + ": " + counter[i]);
        }
    }

}
}
```

prog 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();
}
}
}
}
}
```