

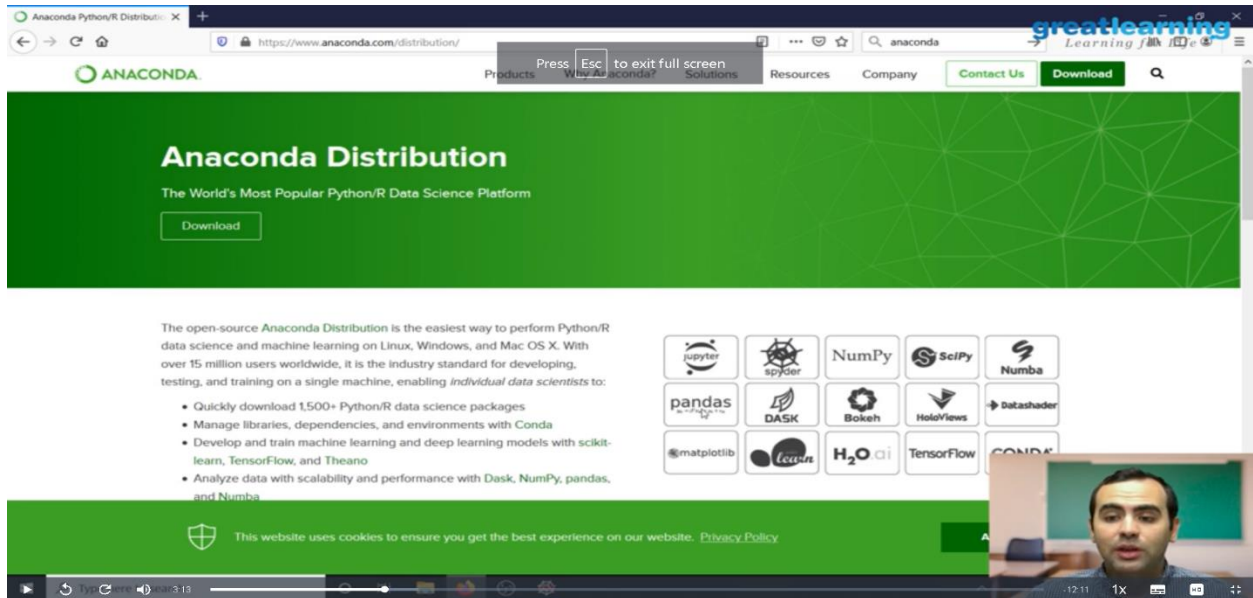
DAILY ONLINE ACTIVITIES SUMMARY

Date:	18-05-2020	Name:	M.C Suchithra Heggade
Sem & Sec	VI A	USN:	4AL17CS047
Online Test Summary			
Subject	CNSC IA Test		
Max. Marks	60	Score	41
Certification Course Summary			
Course	Python for Machine learning		
Certificate Provider	GreatLearning	Duration	5hr
Coding Challenges			
Problem Statement: 1.Using methods charAt() & length() of String class, write a program to print the frequency of each character in a string. 2. 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: Completed, executed			
Uploaded the report in Github		Yes	
If yes Repository name		https://github.com/Suchitraheggade/certification-and-online-coding	
Uploaded the report in slack		Yes	

Online Certification Details

Modules completed:

- Why python, python vs R,
- Anaconda installation, Intro to Jupyter Notebook-2
- Jupyter Notebook Shortcut-2



Coding Challenge Details

1. Using methods `charAt()` & `length()` of String class, write a program to print the frequency of each character in a string.

The screenshot shows the Eclipse IDE with a project named 'Main.java'. The code is as follows:

```

1 package prog1;
2 import java.util.Scanner;
3
4 public class Main {
5
6
7     public static void main(String args[])
8     {
9         int i;
10        String str;
11
12        int counter[] = new int[256];
13        Scanner in = new Scanner(System.in);
14
15        System.out.print("Enter a String : ");
16        str=in.nextLine();
17
18        for (i = 0; i < str.length(); i++) {
19            counter[(int) str.charAt(i)]++;
20        }
21        // Print Frequency of characters
22        for (i = 0; i < 256; i++) {
23            if (counter[i] != 0) {
24                System.out.println((char) i + ":-" + counter[i] + " \n");
25            }
26        }
27    }
28 }
29

```

The console output shows the program terminated successfully.

The screenshot shows the OnlineGDB online compiler interface. The code is the same as in the Eclipse IDE. The input field contains the string "Suchithra Heggade". The output shows the frequency of each character in the string.

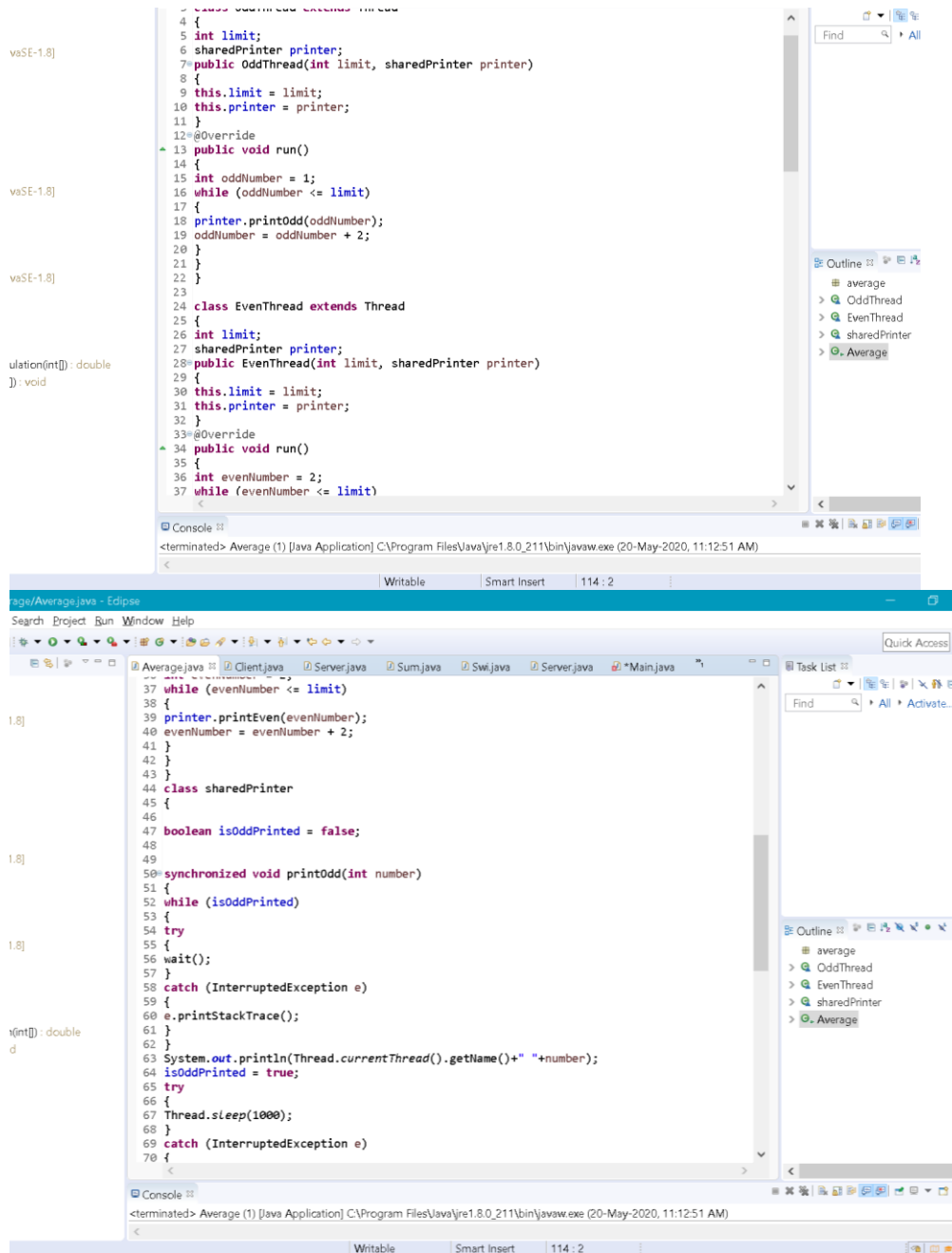
```

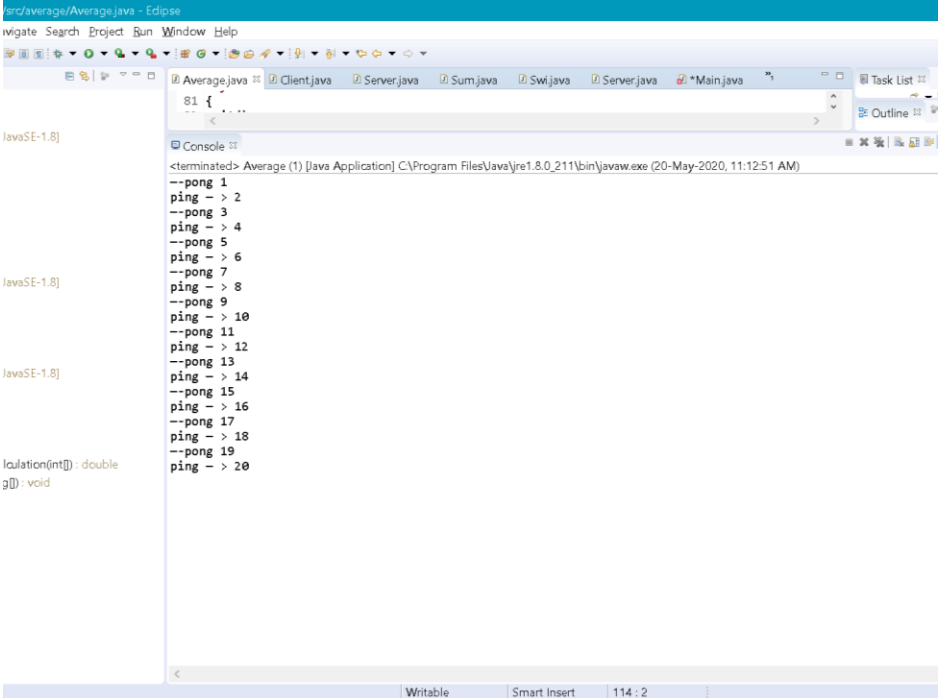
Enter a String : Suchithra Heggade
:1
H:1
S:1
a:2
c:1
d:1
e:2
g:2
h:2
i:1
r:1
t:1
u:1

... Program finished with exit code 0
Press ENTER to exit console

```

- 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”.





Online Tests

The screenshot shows a web browser window with the following details:

- Browser Tabs:** "Cryptography Network Security" and "Largest Tech Community | Hacku".
- Address Bar:** `techgig.com/challenge/result/cnsc-i-a-1/YUhnTGcdXhZykdIVGxBQ1dJTWWHZz09`
- Page Header:** "Logout" link.
- Main Content Area:**
 - Test Completed!** banner with the text: "You have successfully participated in Cryptography Network Security & Cyber Laws."
 - Rate this Test** section: "Your Rating: ★★★★★" and a "Click to Rate" link.
 - Results Dashboard:**
 - Test 4 submitted:** CNSC IA 1, Your Score: **12** / 28
 - Test 1 submitted:** CNSC IA 1, Your Score: **7** / 8
 - Test 2 submitted:** CNSC IA 1, Your Score: **10** / 12
 - Test 3 submitted:** CNSC IA 1, Your Score: **12** / 12

The Windows taskbar at the bottom shows the search bar, task view, and several application icons. The system tray on the right indicates the time is 10:03 and the date is 18-05-2020.