

DAILY ONLINE ACTIVITIES SUMMARY

Date:	18/05/2020	Name:	Chethana j
Sem & Sec	6 th A	USN:	4al17cs022
Online Test Summary			
Subject	CNSC		
Max. Marks	60	Score	45
Certification Course Summary			
Course	Python for Machine learning		
Certificate Provider	Great Learning	Duration	5 hrs.
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			
Uploaded the report in Github		yes	
If yes Repository name		https://github.com/Jchethana1990/online-course	
Uploaded the report in slack		yes	

Online Test Details: (Attach the snapshot and briefly write the report for the same)

Browser tabs: Cryptography Network Security | Largest Tech Community | Hack... | +

Address bar: techgig.com/challenge/result/cnsc-i-a-1/eHQ1T3IKS2izZXfodVR6WS9ien2Zz09

Page Header: Logout

Results

Test	Score	Max Score
Test 4 submitted	16	28
Test 1 submitted	7	8
Test 2 submitted	10	12
Test 3 submitted	12	12

Windows Taskbar: Type here to search, Task View, Edge, File Explorer, Google, 10:03, 18-05-2020

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

Browser tabs: Inbox (2,006) - chethanajgowda | Python for Machine Learning - C | +

Address bar: olympus.greatlearning.in/courses/10899

Page Header: greatlearning Courses

Python for Machine Learning

Course In Progress

CONTENT

Python for Machine Learning - Overview

- Python for Machine Learning Outline (1m) 100% completed

Course Overview

- Course Outline
- Know Your Faculty

Introduction to Python

Installation Guide

Windows Taskbar: Type here to search, Task View, Edge, File Explorer, Google, 10:25, 20-05-2020

greatlearning
Learning for Life

Courses

Courses / Python for Machine Learning / Why Python, Python vs R, Python IDEs-2

Content

- Pandas- Titanic Dataset
- User Defined Functions
- Lambda Functions
- Classes and Objects
- Python Functions Class and Objects.ipynb
- NumPy - Basics.ipynb
- Official Python Documentation
- Official Python Tutorial
- NumPy Basics
- 10 minutes to Pandas
- Stack Over Flow Q & A

Why Python, Python vs R, Python IDEs-2

Why python?

- Python is easy to implement
- Development time is quick
- Debugging is straight forward
- Readability is emphasized
- Execution of python code is slow
- Python was created for computer scientists, not data scientists

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

Program1:

eclipse-workspace - coding/src/prog3/pali.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer

- coding
 - JRE System Library [JavaSE-12]
 - src
 - prog1
 - Main.java
 - prog2
 - EvenThread.java
 - OddThread.java
 - package-info.java
 - sharedPrinter.java
 - prog3
 - package-info.java
 - pali.java
 - module-info.java
 - GitHub projects
 - New

Main.java

```

19 return str;
20
21 String suffix = str.substring(x);
22 String prefix = new StringBuilder(suffix).reverse().toString();
23 String mid = shortestPalindrome(str.substring(0, x));
24
25 return prefix+mid+suffix;
26 }
27
28 public static void main(String[] args)
29 {
30
31 Scanner in = new Scanner(System.in);
32
33 System.out.println("Enter a String to find out shortest palindrome");
34
35 String str=in.nextLine();
36
37 System.out.println("Shortest palindrome of "+str+" is \n"+shortestPalindrome(str));
38
39 }
40
41
42

```

Task List

Find

Outline

- prog3
 - pali
 - shortestPalindrome(String) : String
 - main(String[]) : void

Problems Javadoc Declaration Console

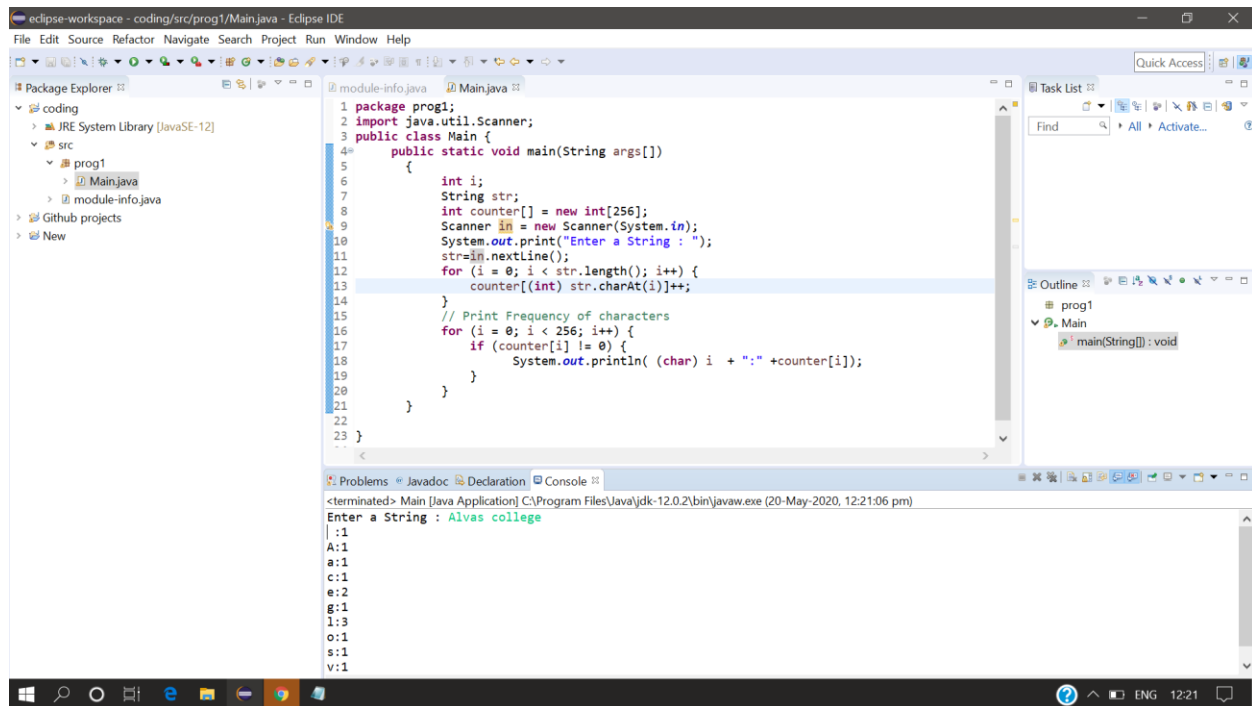
<terminated> pali [Java Application] C:\Program Files\Java\jdk-12.0.2\bin\javaw.exe (20-May-2020, 12:36:05 pm)

Enter a String to find out shortest palindrome

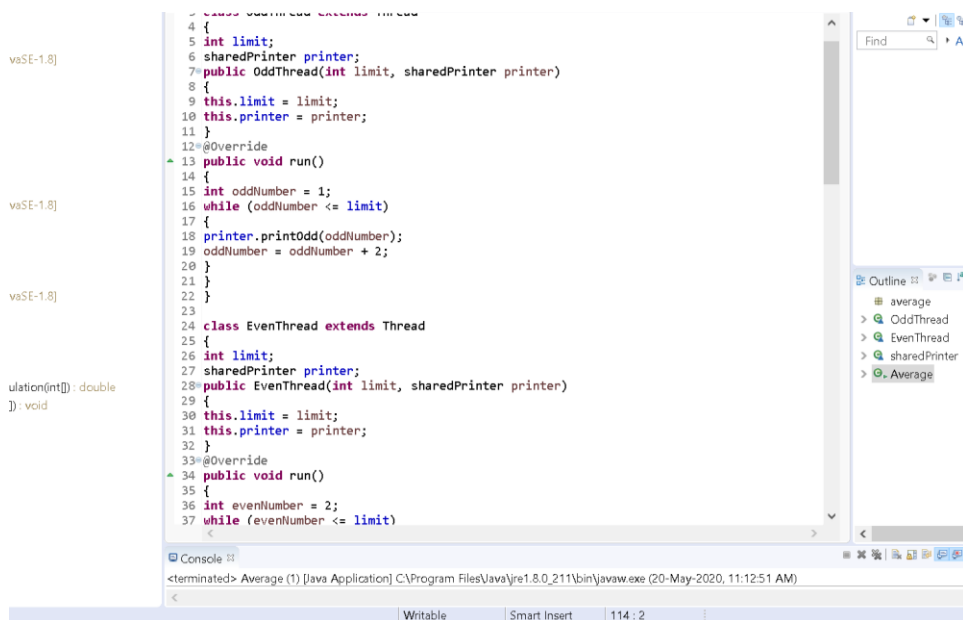
go corona go

Shortest palindrome of go corona go is

og anoroc ogo corona go



Program2:



rage/Average.java - Eclipse

Search Project Run Window Help

Task List

Find All Activate...

Outline

- average
- > OddThread
- > EvenThread
- > sharedPrinter
- > Average

```
37 while (evenNumber <= limit)
38 {
39     printer.printEven(eventNumber);
40     evenNumber = evenNumber + 2;
41 }
42 }
43 }
44 class sharedPrinter
45 {
46
47     boolean isOddPrinted = false;
48
49     synchronized void printOdd(int number)
50     {
51         while (isOddPrinted)
52         {
53             try
54             {
55                 wait();
56             }
57             catch (InterruptedException e)
58             {
59                 e.printStackTrace();
60             }
61         }
62         System.out.println(Thread.currentThread().getName()+" "+number);
63         isOddPrinted = true;
64         try
65         {
66             Thread.sleep(1000);
67         }
68         catch (InterruptedException e)
69         {
70         }
```

Console

<terminated> Average (1) [Java Application] C:\Program Files\Java\jre1.8.0_211\bin\javaw.exe (20-May-2020, 11:12:51 AM)

Writtable Smart Insert 114 : 2

rage/Average.java - Eclipse

Search Project Run Window Help

Task List

Find

Outline

- average
- > OddThread
- > EvenThread
- > sharedPrinter
- > Average

```
81 {
82     wait();
83 }
84 catch (InterruptedException e)
85 {
86     e.printStackTrace();
87 }
88 }
89 System.out.println(Thread.currentThread().getName()+" "+number);
90 isOddPrinted = false;
91 try
92 {
93     Thread.sleep(1000);
94 }
95 catch (InterruptedException e)
96 {
97     e.printStackTrace();
98 }
99 notify();
100 }
101 }
102 public class Average
103 {
104     public static void main(String[] args)
105     {
106         sharedPrinter printer = new sharedPrinter();
107         OddThread oddThread = new OddThread(20, printer);
108         oddThread.setName("--pong");
109         EvenThread evenThread = new EvenThread(20, printer);
110         evenThread.setName("ping ->");
111         oddThread.start();
112         evenThread.start();
113     }
114 }
```

Console

<terminated> Average (1) [Java Application] C:\Program Files\Java\jre1.8.0_211\bin\javaw.exe (20-May-2020, 11:12:51 AM)

Writtable Smart Insert 114 : 2

