DAILY ONLINE ACTIVITIES SUMMARY

Date:	**07-06-2020**	**Name:**	**Anvitha Poojary**
Sem & Sec	**6A**	**USN:**	**4AL17CS008**

Online Test Summary

Subject	**SSCD**		
Max. Marks	**30**	**Score**	**28**

Certification Course Summary

Course	**Machine Learning with Python**		
Certificate Provider	**COGNITIVE CLASS .ai**	**Duration**	**12hr**

Coding Challenges

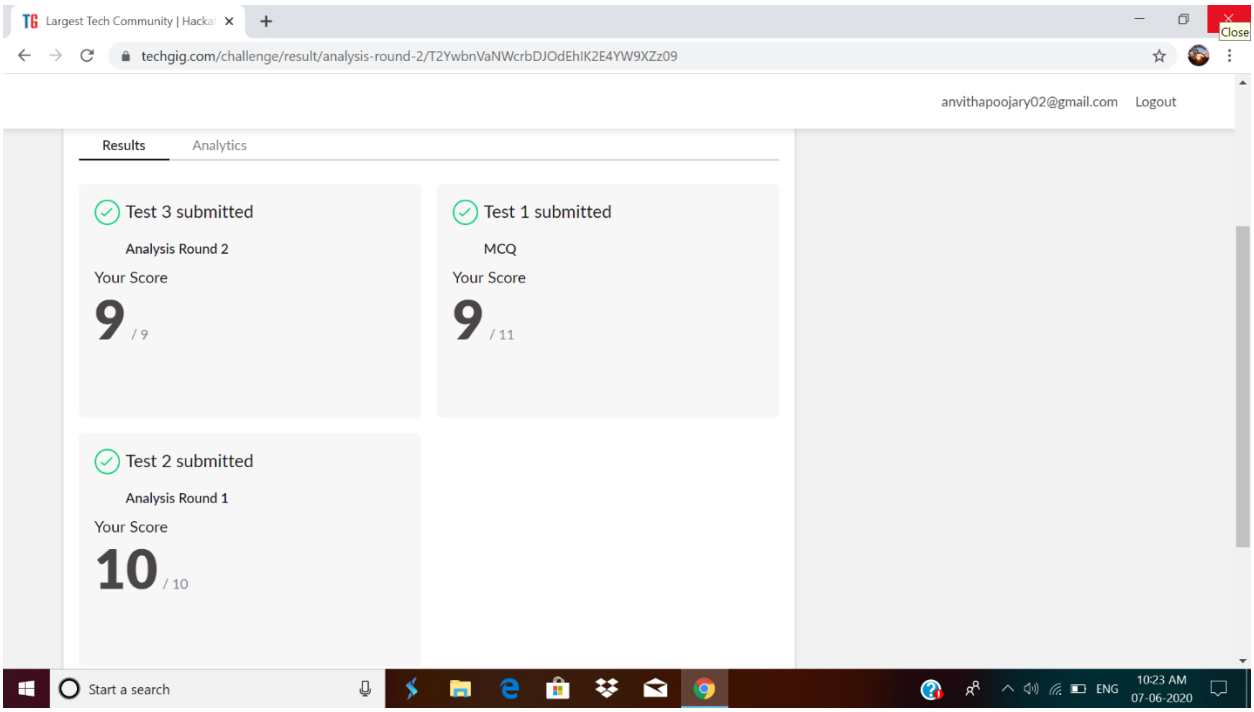
Problem Statement:
1.write a java Program to print smallest and biggest possible palindrome word in a given string

Status: completed

Uploaded the report in Github	**Yes**
If yes Repository name	https://github.com/anvithapo99/Daily-Report
Uploaded the report in slack	**Yes**

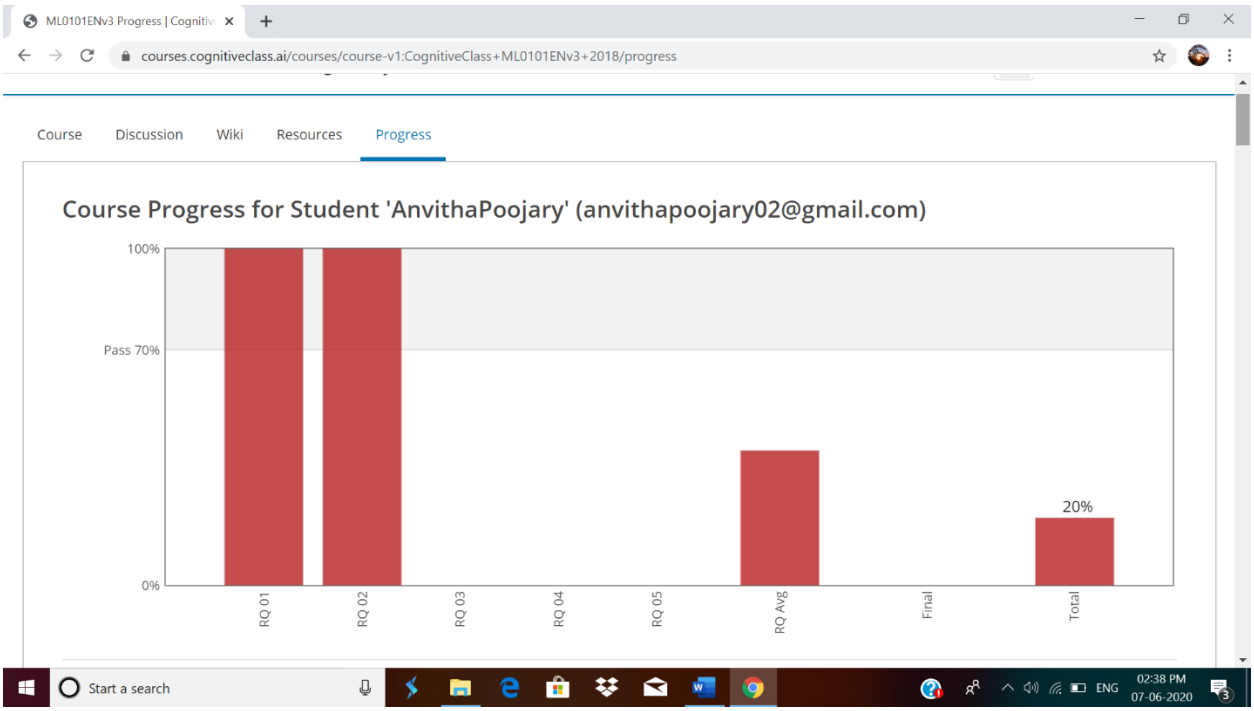
Online test details:

Subject: SSCD



Certification course details:

Machine Learning with Python



Coding Challenges Details:

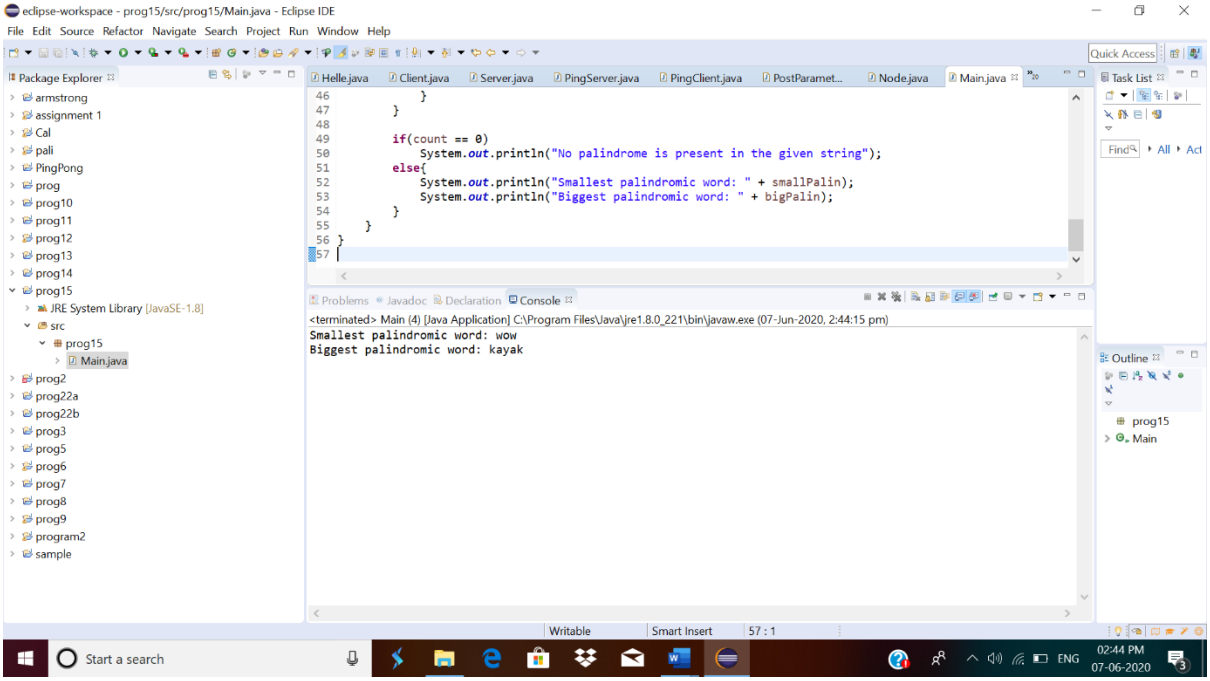
1.write a java Program to print smallest and biggest possible palindrome word in a given string

```
public class Main
{
   public static boolean isPalindrome(String a){
      boolean flag = true;
      for(int i = 0; i < a.length()/2; i++){
         if(a.charAt(i) != a.charAt(a.length()-i-1)){
            flag = false;
            break;
         }
      }
```

```
    return flag;
}

public static void main(String[] args){
    String string = "Wow you own kayak";
    String word = "", smallPalin = "", bigPalin="";
    String[] words = new String[100];
    int temp = 0, count = 0;
    string = string.toLowerCase();
    string = string + " ";

    for(int i = 0; i < string.length(); i++){
        if(string.charAt(i) != ' '){
            word = word + string.charAt(i);
        }
        else{
            words[temp] = word;
            temp++;
            word = "";
        }
    }
    for(int i = 0; i< temp; i++){
        if(isPalindrome(words[i])){

            count++;
            if(count == 1)
                smallPalin = bigPalin = words[i];
            else{
```

```
                if(smallPalin.length() > words[i].length())
                    smallPalin = words[i];
                if(bigPalin.length() < words[i].length())
                    bigPalin = words[i];
            }
        }
    }

    if(count == 0)
        System.out.println("No palindrome is present in the given string");
    else{
        System.out.println("Smallest palindromic word: " + smallPalin);
        System.out.println("Biggest palindromic word: " + bigPalin);
    }
  }
}
```

Output:


eclipse-workspace - prog15/src/prog15/Main.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Quick Access
Package Explorer
armstrong
assignment 1
Cal
pali
PingPong
prog
prog10
prog11
prog12
prog13
prog14
prog15
JRE System Library [JavaSE-1.8]
src
prog15
Main.java
prog2
prog22a
prog22b
prog3
prog5
prog6
prog7
prog8
prog9
program2
sample
Helle.java
Client.java
Server.java
PingServer.java
PingClient.java
PostParamet...
Node.java
Main.java
}
}
if(count == 0)
System.out.println("No palindrome is present in the given string");
else{
System.out.println("Smallest palindromic word: " + smallPalin);
System.out.println("Biggest palindromic word: " + bigPalin);
}
}
}
Task List
Find
All
Act
Problems
Javadoc
Declaration
Console
<terminated> Main (4) [Java Application] C:\Program Files\Java\jre1.8.0_221\bin\javaw.exe (07-Jun-2020, 2:44:15 pm)
Smallest palindromic word: wow
Biggest palindromic word: kayak
Outline
prog15
Main
Writable
Smart Insert
57 : 1
Start a search
ENG
02:44 PM
07-06-2020