DAILY ONLINE ACTIVITIES SUMMARY

Date:	**7-06-2020**	**Name:**	**ASHIKA**
Sem & Sec	**6 A**	**USN:**	**4AL17CS016**

Online Test Summary

Subject	**SSCD**		
Max. Marks	**30**	**Score**	**21**

Certification Course Summary

Course	**Python for data science**		
Certificate Provider	**Cognitive class**	**Duration**	**5 HOUR**

Coding Challenges

Problem Statement:

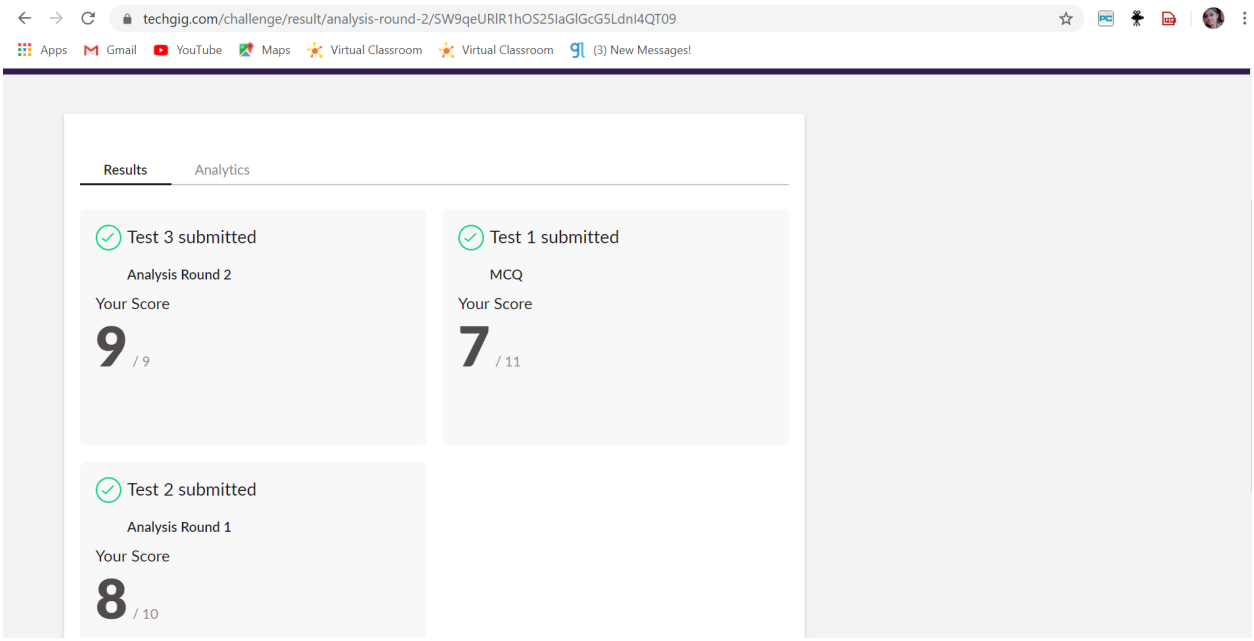
1.Python program the first and last 5 elements

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

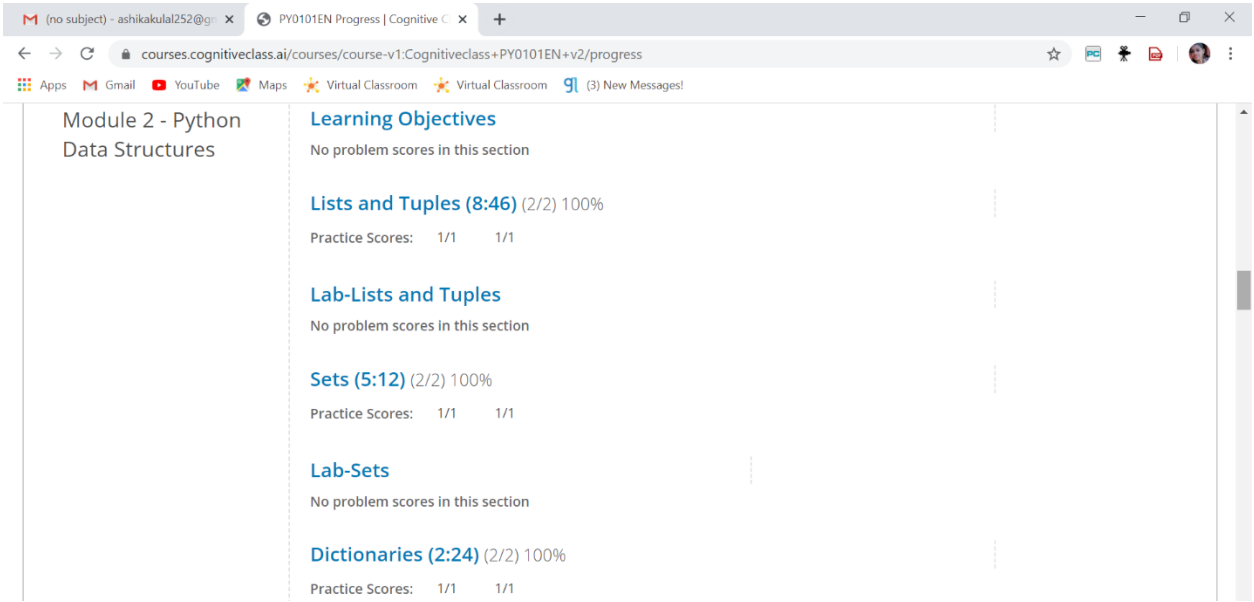
Status:done(executed)

Uploaded the report in Github	**yes**
If yes Repository name	https://github.com/ASHIKA-05/DAILY-REPORT
Uploaded the report in slack	**yes**

SUBJECT: SSCD



CERTIFICATION COURSE

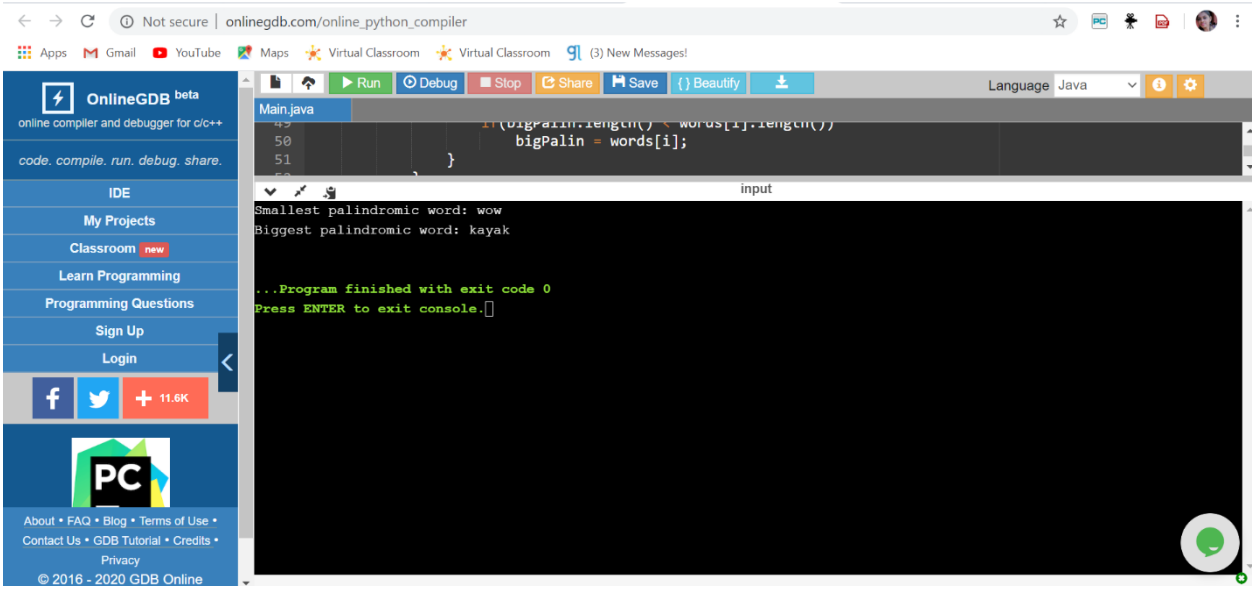


ONLINE CODEING

```
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:



2. Python program the first and last 5 elements

Description:
Print a list of first and last 5 elements where the values are square of numbers between 1 and 30 (both included)

Eg: If the range of elements is 20
Then output is:
[1,4,9,16,25]
[256,289,324,361,400]
If the elements begins from 5 to 30
Then output is:
[25,36,49,64,81]
[676,729,784,841,900]

```
def printValues():
        l = list()
        for i in range(1,20):
                l.append(i**2)
        print(l[:5])
        print(l[-5:])
```

printValues()

output: