

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

techgig.com/challenge/result/analysis-round-2/SW9qeURIR1hOS25laGIGcG5LdnI4QT09

Apps Gmail YouTube Maps Virtual Classroom Virtual Classroom (3) New Messages!

Results Analytics

✓ Test 3 submitted

Analysis Round 2

Your Score

9 / 9

✓ Test 1 submitted

MCQ

Your Score

7 / 11

✓ Test 2 submitted

Analysis Round 1

Your Score

8 / 10

CERTIFICATION COURSE

(no subject) - ashikakulal252@g... PY0101EN Progress | Cognitive C

courses.cognitiveclass.ai/courses/course-v1:Cognitiveclass+PY0101EN+v2/progress

Apps Gmail YouTube Maps Virtual Classroom Virtual Classroom (3) New Messages!

Module 2 - Python
Data Structures

Learning Objectives

No problem scores in this section

Lists and Tuples (8:46) (2/2) 100%

Practice Scores: 1/1 1/1

Lab-Lists and Tuples

No problem scores in this section

Sets (5:12) (2/2) 100%

Practice Scores: 1/1 1/1

Lab-Sets

No problem scores in this section

Dictionaries (2:24) (2/2) 100%

Practice Scores: 1/1 1/1

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++;
            }
        }
    }
}

```

```

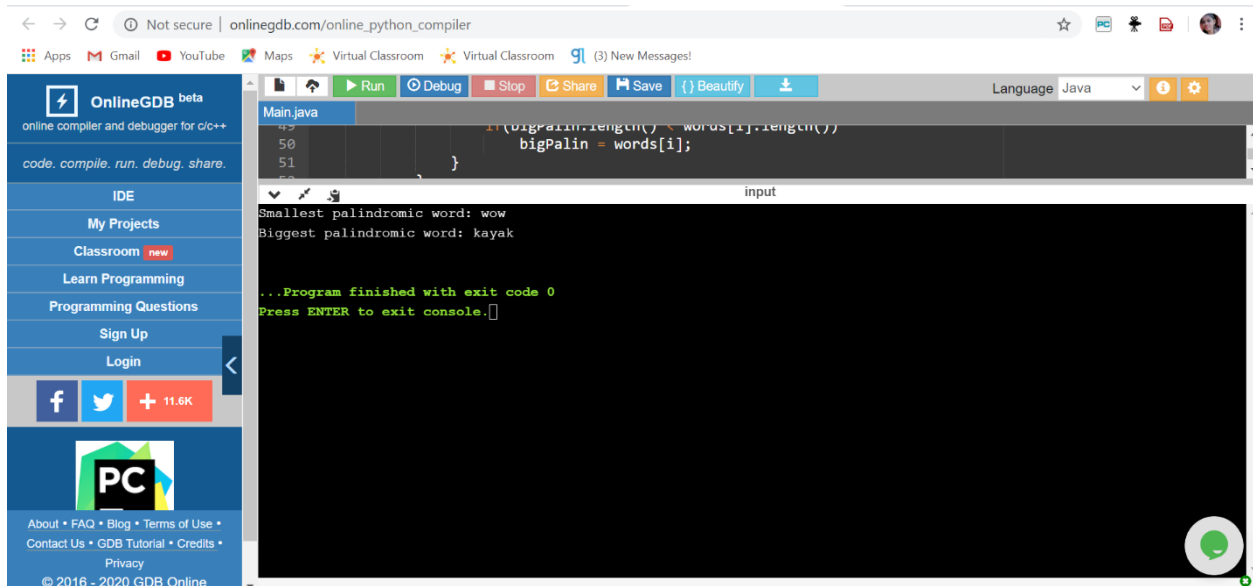
        word = "";
    }
}
for(int i = 0; i < temp; i++){
    if(isPalindrome(words[i])){

        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):

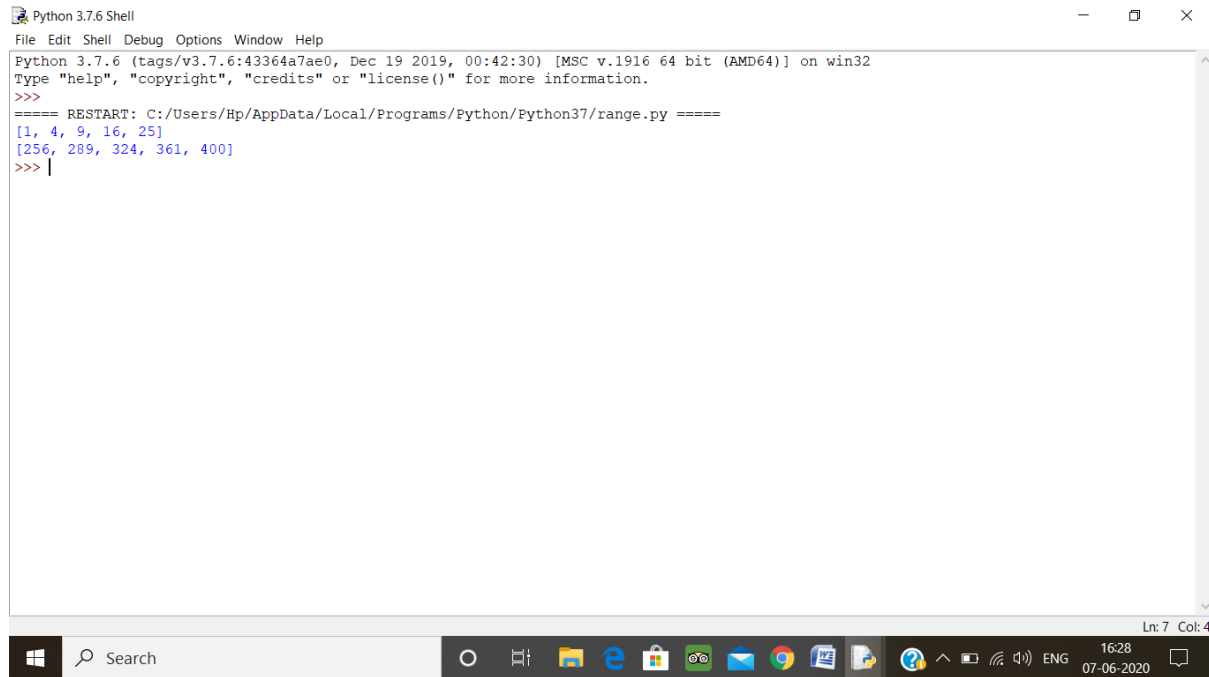
l.append(i**2)

print(l[:5])

print(l[-5:])

printValues()

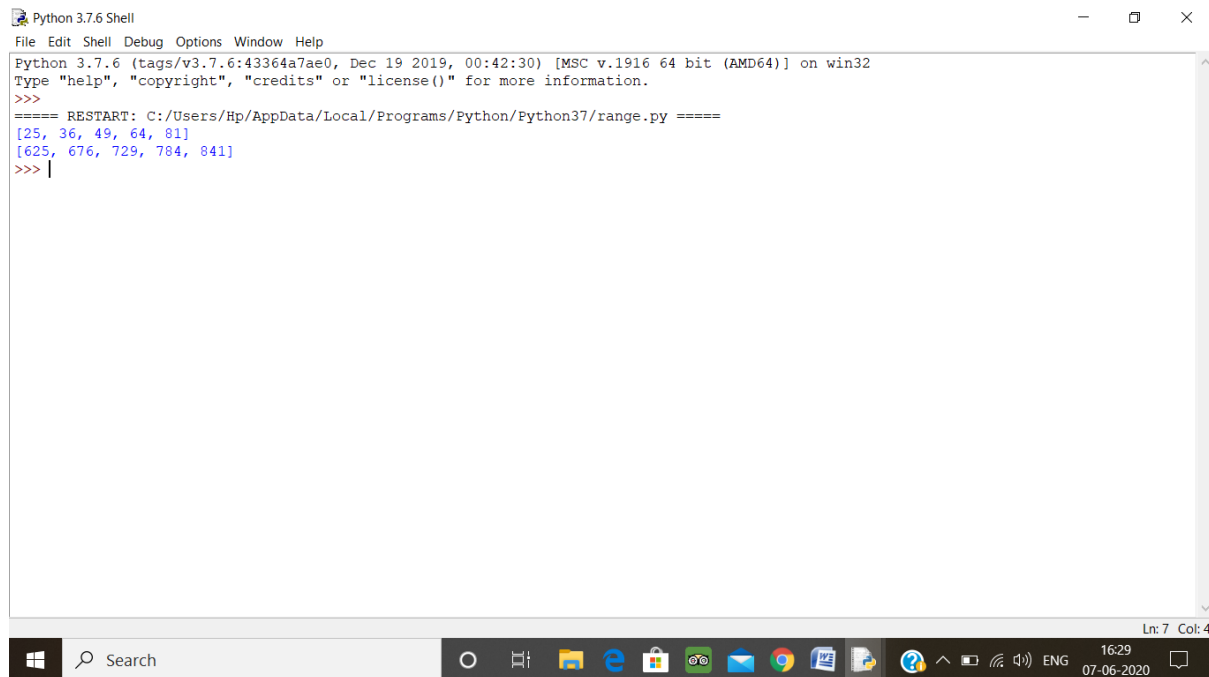
output:



A screenshot of a Python 3.7.6 Shell window. The window title is "Python 3.7.6 Shell". The menu bar includes "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The main text area shows the following content:

```
Python 3.7.6 (tags/v3.7.6:43364a7ae0, Dec 19 2019, 00:42:30) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Hp/AppData/Local/Programs/Python/Python37/range.py =====
[1, 4, 9, 16, 25]
[256, 289, 324, 361, 400]
>>> |
```

The status bar at the bottom right of the window shows "Ln: 7 Col: 4". The Windows taskbar is visible at the bottom of the image, showing the Start button, a search bar, and several application icons including File Explorer, Edge, Store, and various utility apps. The system clock shows 16:28 on 07-06-2020.



A second screenshot of a Python 3.7.6 Shell window, similar to the first one. The window title is "Python 3.7.6 Shell". The menu bar includes "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The main text area shows the following content:

```
Python 3.7.6 (tags/v3.7.6:43364a7ae0, Dec 19 2019, 00:42:30) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Hp/AppData/Local/Programs/Python/Python37/range.py =====
[25, 36, 49, 64, 81]
[625, 676, 729, 784, 841]
>>> |
```

The status bar at the bottom right of the window shows "Ln: 7 Col: 4". The Windows taskbar is visible at the bottom of the image, showing the Start button, a search bar, and several application icons including File Explorer, Edge, Store, and various utility apps. The system clock shows 16:29 on 07-06-2020.