

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	22-05-2020	Name:	D Jasmine Joyline
Sem & Sec	VI Sem A sect	USN:	4AL17CS024
<b>Online Test Summary</b>			
Subject	Operation Research		
Max. Marks	30	Score	30
<b>Certification Course Summary</b>			
Course	Python Bootcamp 2020: Build 15 working applications and games		
Certificate Provider	Udemy	Duration	32hr
<b>Coding Challenges</b>			
<b>Problem Statement:</b> <ol style="list-style-type: none"> <li>1. Java program to find largest and smallest word.</li> <li>2. Write a menu program in Python to find Area-Circle, Circumference-Circle, Area- Square, Circumference-Square using functions with menu choice.</li> <li>3. Write a Java Program to separate the Individual Characters from a String.</li> </ol>			
<b>Status: Completed</b>			
Uploaded the report in Github		Yes	
If yes Repository name		<a href="https://github.com/alvas-education-foundation/D_Jasmine_Joyline/tree/master/daily_progress">https://github.com/alvas-education-foundation/D_Jasmine_Joyline/tree/master/daily_progress</a>	
Uploaded the report in slack		Yes	

## Online Test Details:

OR IA Test

Largest Tech Community | Hackathons,...

Logout

# Test Completed!

You have successfully participated in OR.

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Results

Analytics

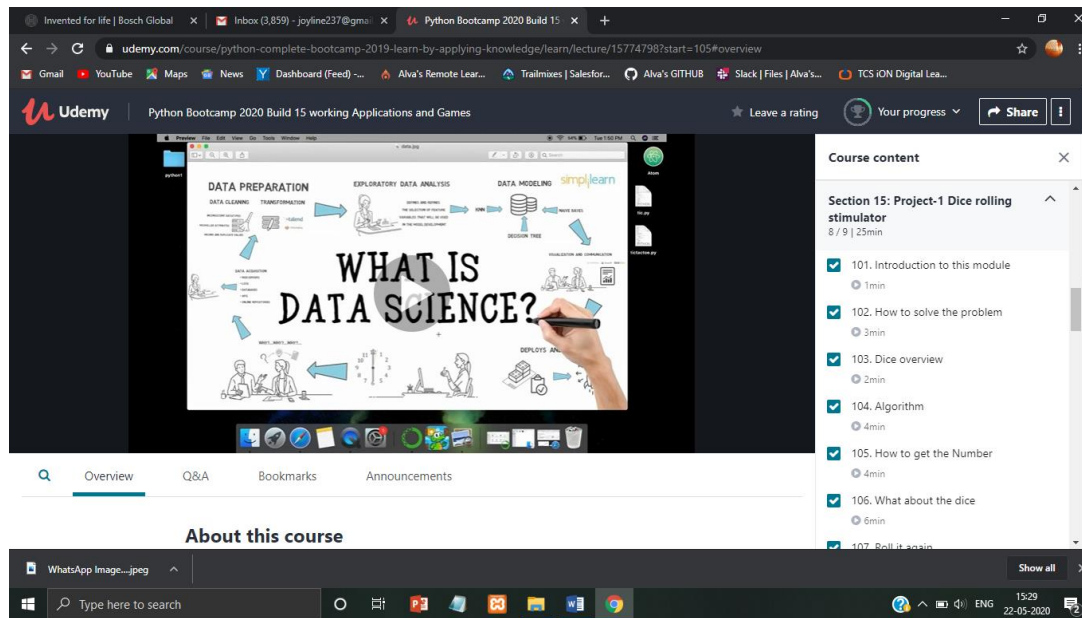


MCQ

Your Score

**30** / 30

## **Certification Course Details:**

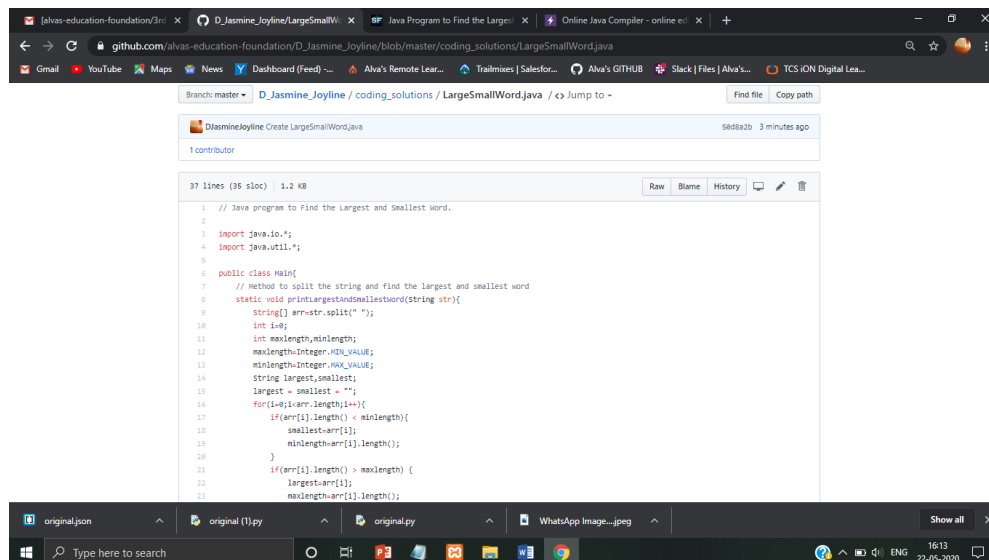


Modules which I have completed today:

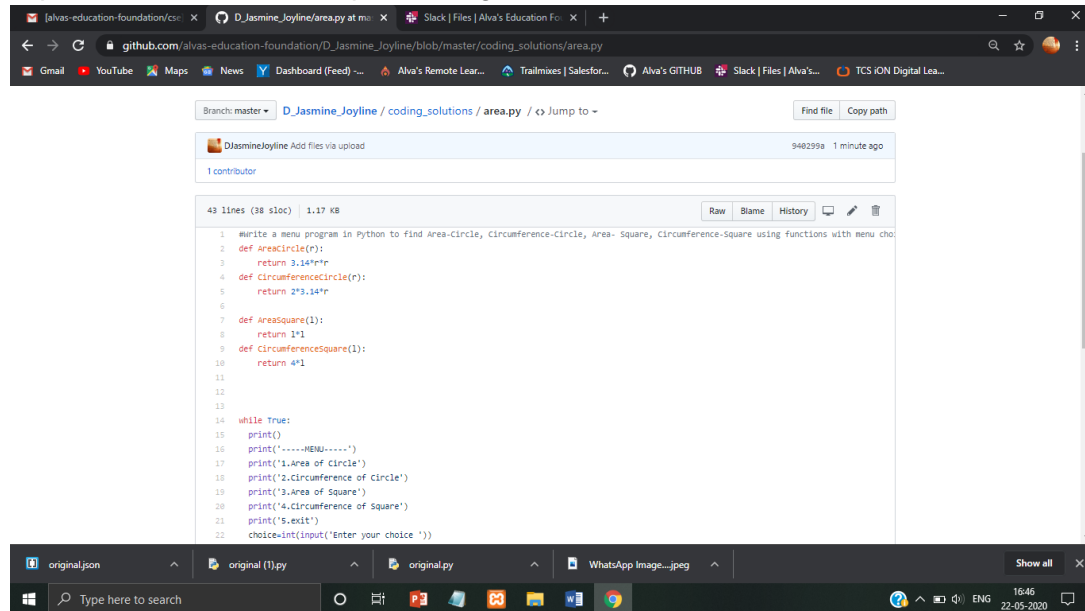
- Project1: Dice rolling Stimulator
- Project2:An English Dictionary
- Python for datascience and data visualisation

## **Coding Challenges Details:**

1.Java program to find largest and smallest word



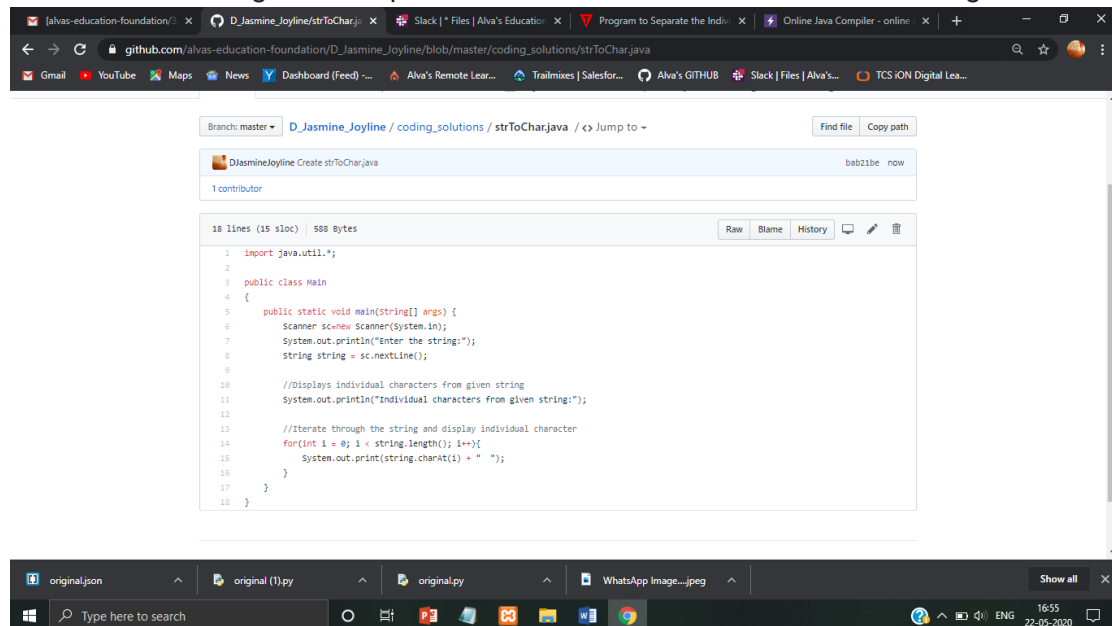
## 2. Write a menu program in Python to find Area-Circle, Circumference-Circle, Area-Square, Circumference-Square using functions with menu choice



The screenshot shows a web browser displaying a GitHub repository page for a Python file named `area.py`. The file is 43 lines long, 38 sloc, and 1.17 KB. The code defines functions for calculating the area and circumference of a circle and a square, and a menu-driven program to use these functions.

```
1 #Write a menu program in Python to find Area-Circle, Circumference-Circle, Area- Square, Circumference-Square using functions with menu cho
2 def AreaCircle(r):
3     return 3.14*r*r
4 def CircumferenceCircle(r):
5     return 2*3.14*r
6
7 def AreaSquare(l):
8     return l*l
9 def CircumferenceSquare(l):
10    return 4*l
11
12
13
14 while True:
15     print()
16     print("-----MENU-----")
17     print('1.Area of Circle')
18     print('2.Circumference of Circle')
19     print('3.Area of Square')
20     print('4.Circumference of Square')
21     print('%s' % 'exit')
22     choice=int(input('Enter your choice '))
```

## 3. Write a Java Program to separate the Individual Characters from a String.



The screenshot shows a web browser displaying a GitHub repository page for a Java file named `strToChar.java`. The file is 18 lines long, 15 sloc, and 588 Bytes. The code uses a Scanner to read a string and then iterates through the string to print each character individually.

```
1 import java.util.*;
2
3 public class Main
4 {
5     public static void main(String[] args) {
6         Scanner sc=new Scanner(System.in);
7         System.out.println("Enter the string:");
8         String string = sc.nextLine();
9
10        //Displays individual characters from given string
11        System.out.println("Individual characters from given string:");
12
13        //Iterate through the string and display individual character
14        for(int i = 0; i < string.length(); i++){
15            System.out.print(string.charAt(i) + " ");
16        }
17    }
18 }
```