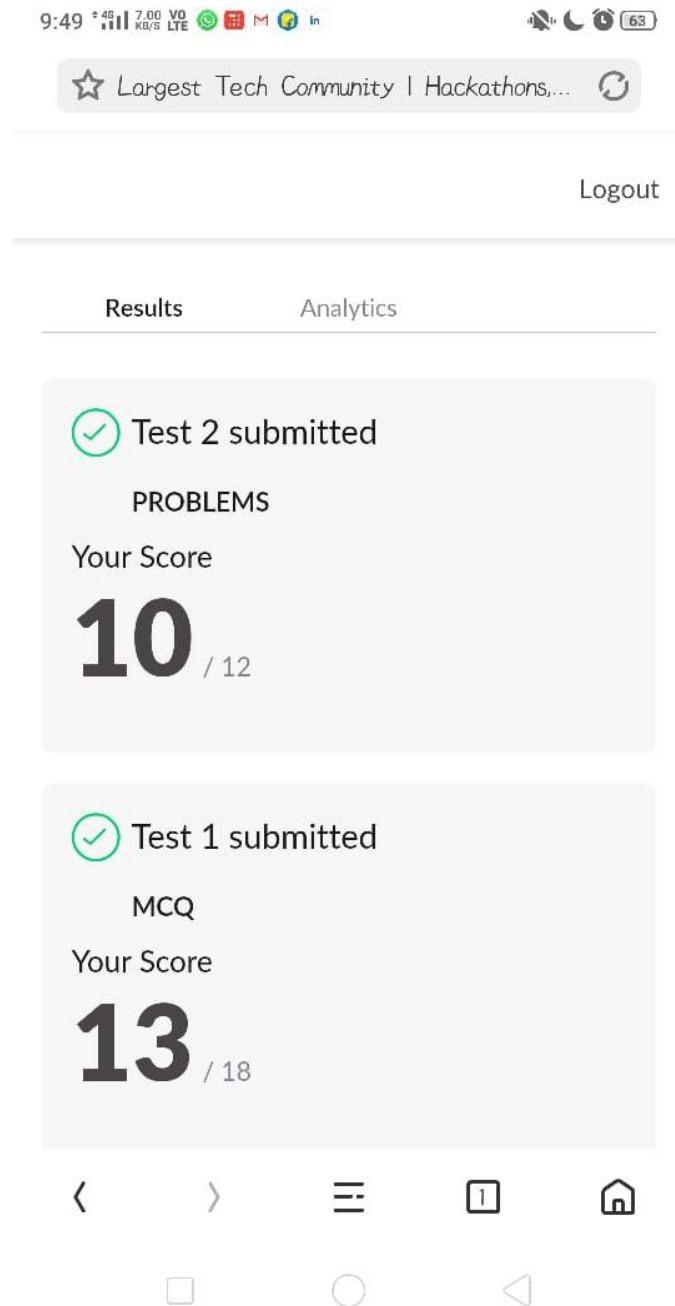


DAILY ONLINE ACTIVITIES SUMMARY

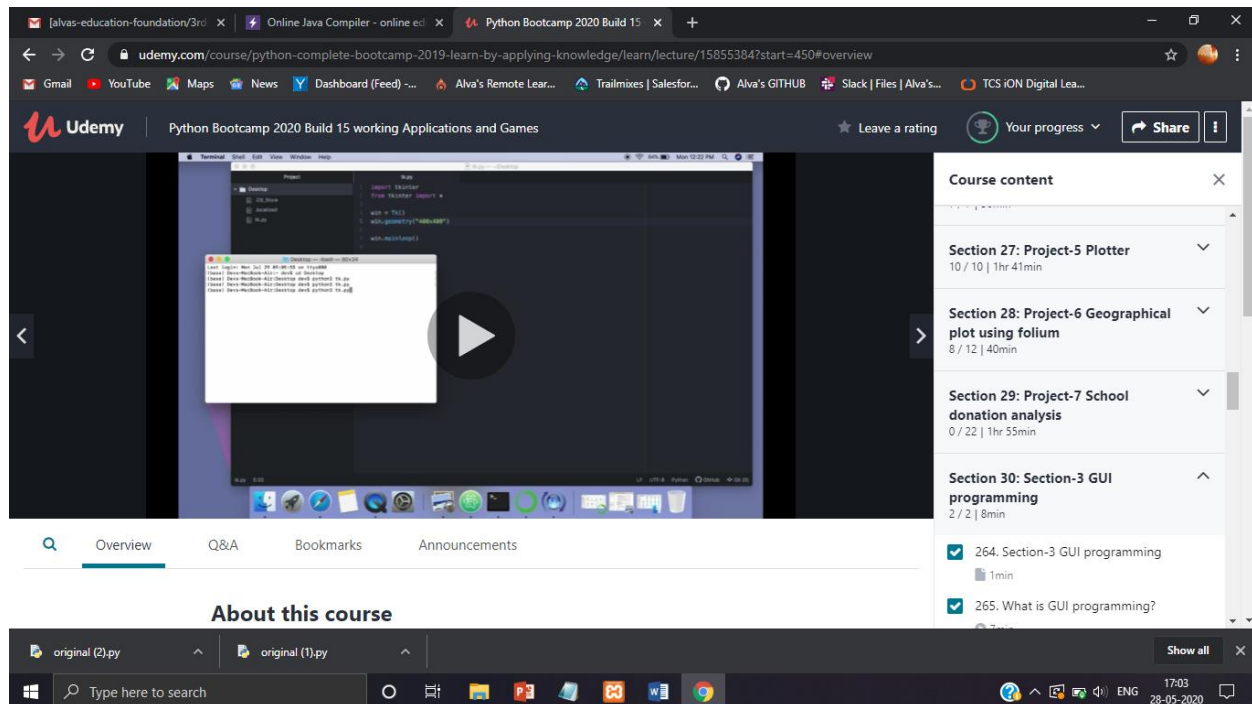
Date:	28-05-2020	Name:	D Jasmine Joyline
Sem & Sec	VI Sem A	USN:	4AL17CS024
Online Test Summary			
Subject	Operating System		
Max. Marks	30	Score	23
Certification Course Summary			
Course	Python Bootcamp 2020:Build 15 working Applications and Games		
Certificate Provider	Udemy	Duration	32hr
Coding Challenges			
Problem Statement: Python program to print digital root.			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		https://github.com/alvas-education-foundation/D_Jasmine_Joyline/tree/master/daily_progress	
Uploaded the report in slack		Yes	

Online Test Details:

OS IA TEST



Certification Course Details:



Modules completed today:

- Project5 :Plotter
- Project6: Geographical plot using folium
- GUI Programming

Coding Challenges Details:

1. Python program to find digital root of a number.

Description:

A digital root is the recursive sum of all the digits in a number. Given n , take the sum of the digits of n . If that value has more than one digit, continue reducing in this way until a single-digit number is produced. This is only applicable to the natural numbers.

$\text{digit_root}(0) = 0$

$\text{digit_root}(16)$

$\Rightarrow 1 + 6$

$\Rightarrow 7$

$\text{digit_root}(132189)$

$\Rightarrow 1 + 3 + 2 + 1 + 8 + 9$

$\Rightarrow 24 \dots$

=> 2 + 4
=> 6

The screenshot shows a web browser window with the address bar displaying `github.com/alvas-education-foundation/D_Jasmine_Joyline/blob/master/coding_solutions/Digital_Root.py`. The page content shows a GitHub file view for `Digital_Root.py` on the `master` branch. The file was updated by `DJasmineJoyline` with commit `1dd7fbc`. The file statistics show 17 lines (13 sloc) and 542 bytes. The code is as follows:

```
1 #Description:
2 #A digital root is the recursive sum of all the digits in a number. Given n, take the sum of the digits of n. If that value has more than one digit,
3 #digit_root(0)= 0
4
5 #digital_root(16)
6 #=> 1 + 6
7 #=> 7
8
9
10
11 def digital_root(num):
12     if(num<10):
13         return num
14     else:
15         return digital_root((num%10)+digital_root(num//10))
16 num=int(input("Enter the num "))
17 print(digital_root(num))
```

Below the browser window, a Windows taskbar is visible. It shows the search bar with the text "Type here to search", several application icons (File Explorer, PowerPoint, Word, etc.), and the system tray on the right showing the time as 18:12 on 28-05-2020.