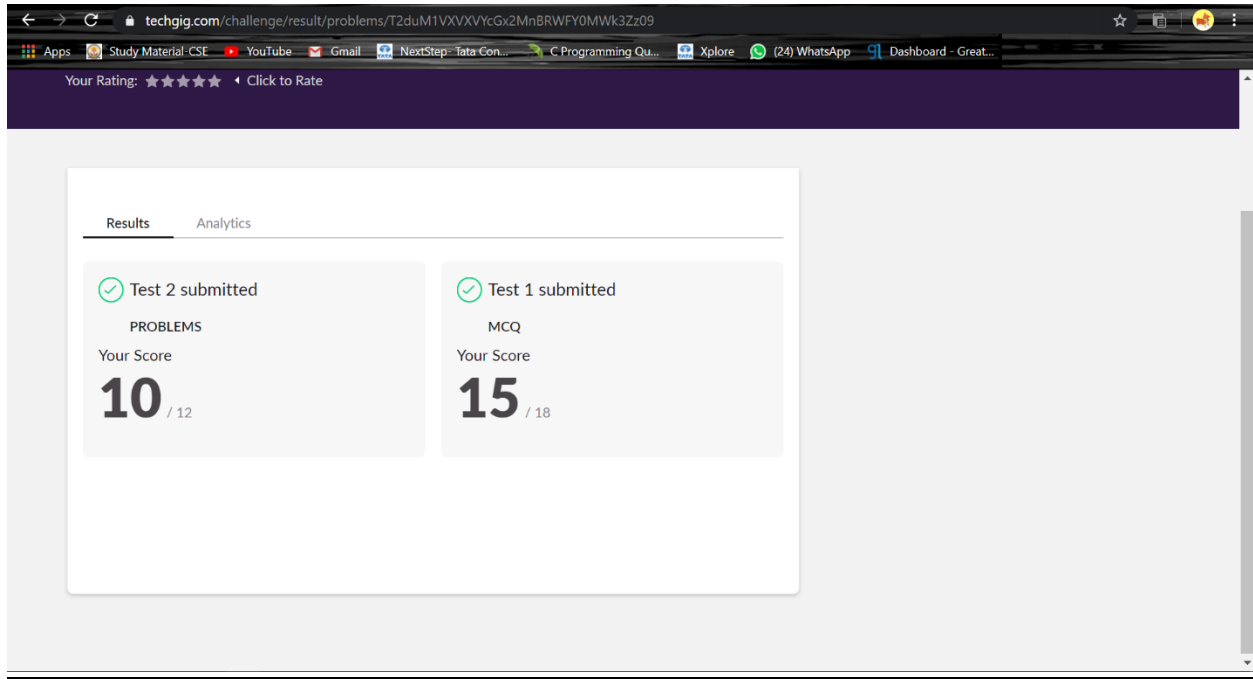


## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	28-05-2020	<b>Name:</b>	Apoorva K N
<b>Sem &amp; Sec</b>	VI A	<b>USN:</b>	4AL17CS012
<b>Online Test Summary</b>			
<b>Subject</b>	OS IA Test		
<b>Max. Marks</b>	30	<b>Score</b>	25
<b>Certification Course Summary</b>			
<b>Course</b>	Front end Development - HTML		
<b>Certificate Provider</b>	Great Learning	<b>Duration</b>	5hr
<b>Coding Challenges</b>			
<b>Problem Statement:</b>  1. Python program to find digital root of a number.  2. Write a C Program to sort an array of integers in ascending order and display the sorted array and Number of passes performed for sorting.			
<b>Status: Completed</b>			
<b>Uploaded the report in GitHub</b>		Yes	
<b>If yes Repository name</b>		<a href="https://github.com/Apoorva-K-N/Online-courses">https://github.com/Apoorva-K-N/Online-courses</a>	
<b>Uploaded the report in slack</b>		Yes	

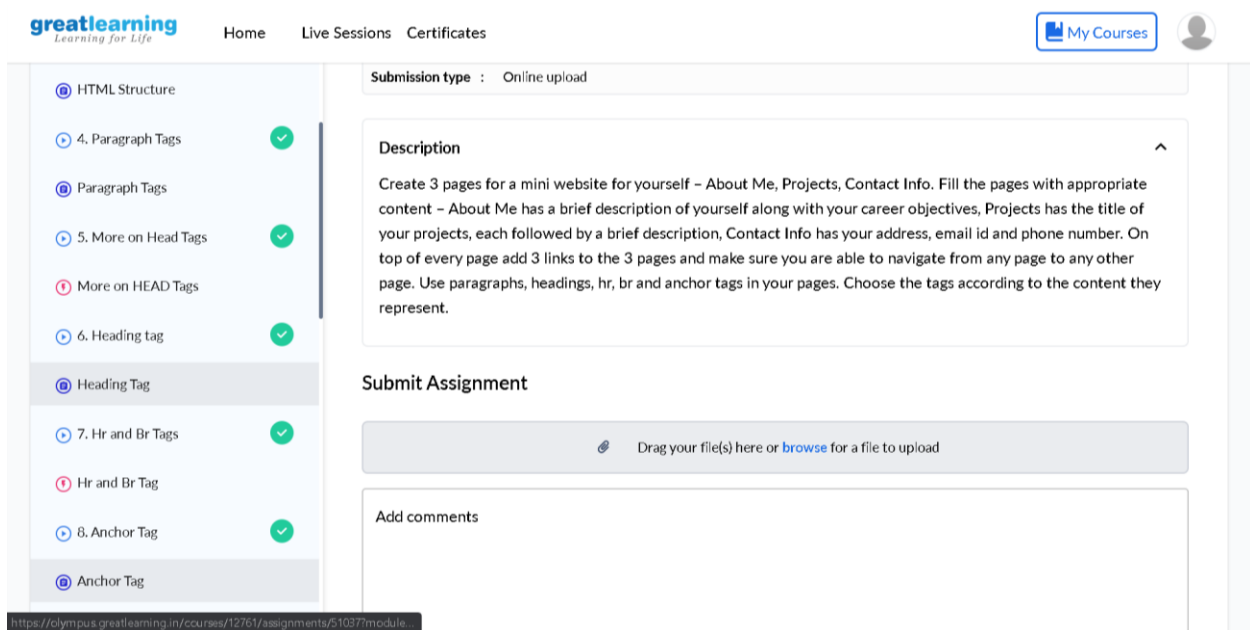
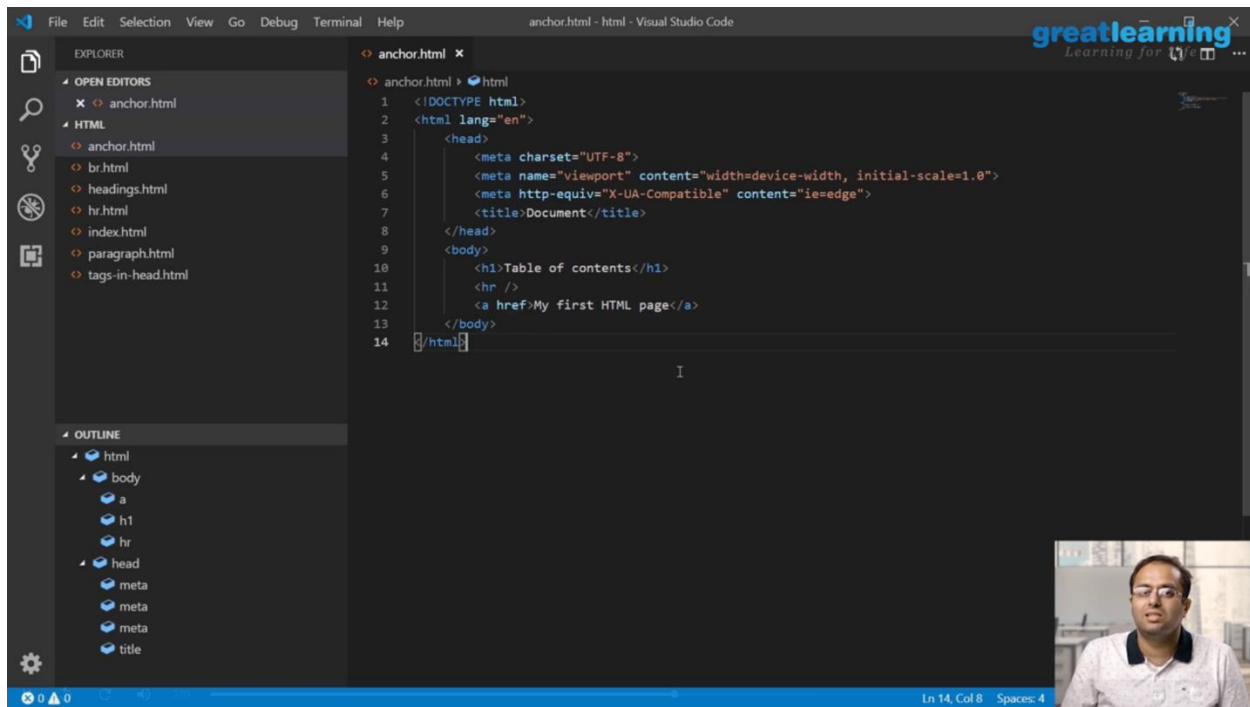
## Online test Detail:



## Online Certification Details

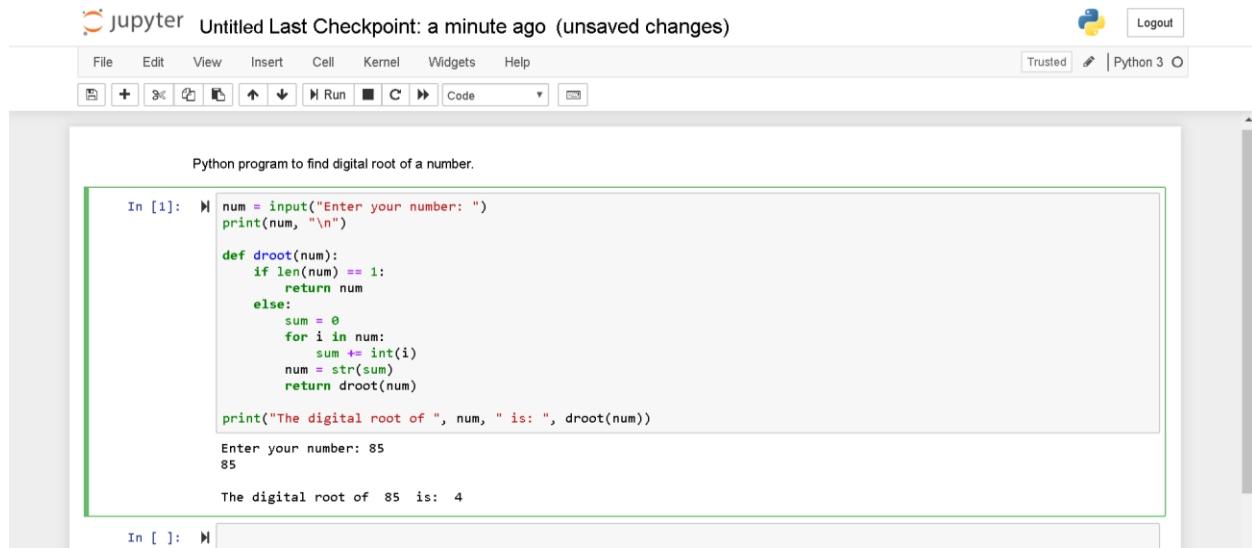
Modules completed:

- Paragraph tag
- header tag
- hr and br tag
- Anchor tag



# Coding Challenge Details

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



The image shows a Jupyter Notebook interface with the title "Untitled Last Checkpoint: a minute ago (unsaved changes)". The notebook contains a single code cell with the following Python code:

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

In [1]: num = input("Enter your number: ")
        print(num, "\n")

        def droot(num):
            if len(num) == 1:
                return num
            else:
                sum = 0
                for i in num:
                    sum += int(i)
                num = str(sum)
                return droot(num)

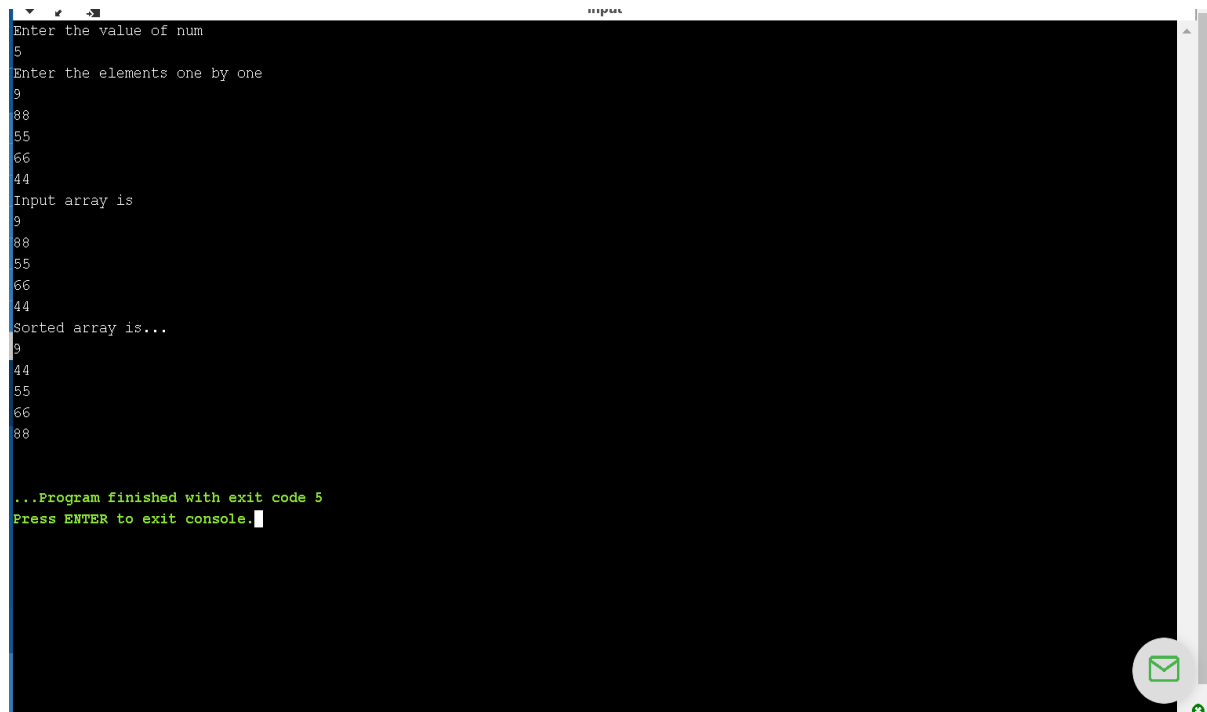
        print("The digital root of ", num, " is: ", droot(num))

Enter your number: 85
85

The digital root of 85 is: 4
```

The output of the code is displayed below the code cell, showing the input "85" and the resulting digital root "4".

2. Write a C Program to sort an array of integers in ascending order and display the sorted array and Number of passes performed for sorting.



The image shows a terminal window with the following output:

```
Enter the value of num
5
Enter the elements one by one
9
88
55
66
44
Input array is
9
88
55
66
44
Sorted array is...
9
44
55
66
88

...Program finished with exit code 5
Press ENTER to exit console.
```

The output shows the input array [5, 9, 88, 55, 66, 44] and the sorted array [9, 44, 55, 66, 88]. The program finished with exit code 5.