

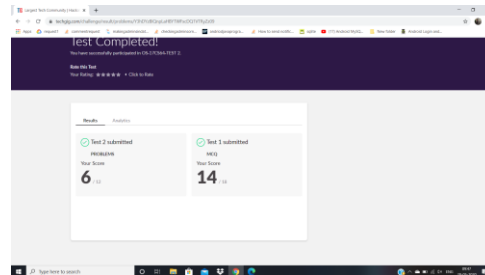
DAILY ONLINE ACTIVITIES
SUMMARY

Date:	28/05/2020	Name:	SUMAN RATHOD
Sem & Sec	6th sem & B sec	USN:	4AL17CS115
Online Test Summary			
Subject	OS IA Test		
Max. Marks	30	Score	20
Certification Course Summary			
Course	Introduction to Full Stack Development		
Certificate Provider	Great Learning	Duration	1.5 hr(spent by me on that day to learn)
Coding Challenges			
Problem Statement: 1. Python Program to print greatest number in list 2. Write Python Program to find digital root of number .			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		https://github.com/SumanRathod009/onlinecoding	

Uploaded the report in slack	Yes
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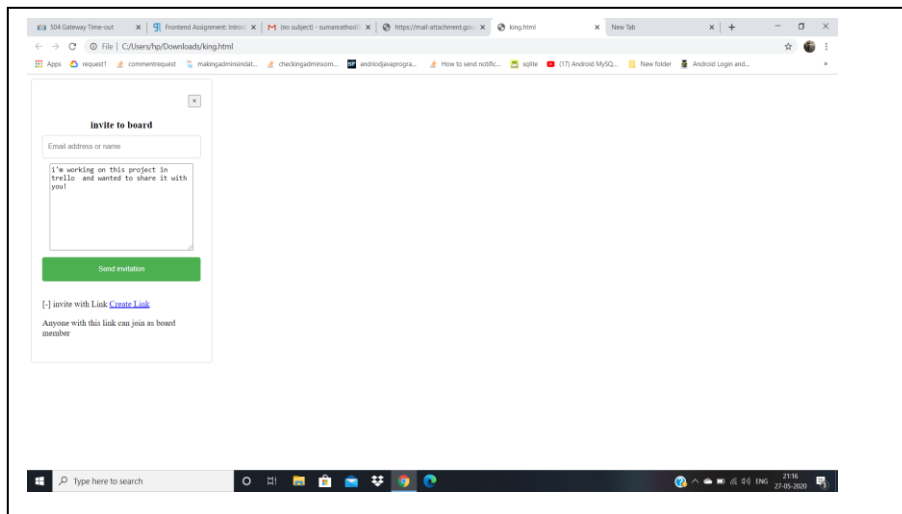
Online Test Details

OS TEST Details:



Online Certification Details

Front end assignment continued



Coding Challenge Details

1. Python Program to print greatest number in list

The screenshot shows the Visual Studio Code interface with a Python file named 'Program 1(Day 9).py'. The code is as follows:

```
1 #Python program to print the greatest #number in a list
2 #Note: No usage of sort()
3
4
5 l = []
6 n = int(input("Enter the size of the list\n"))
7 print("Enter the elements")
8 for i in range(n):
9     x = int(input())
10    l.append(x)
11 print("The greatest number in the list is = ", max(l))
12
13
```

The terminal window shows the execution of the program:

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\hp> & python "c:/Users/hp/Downloads/Program 1(Day 9).py"
Enter the size of the list
4
Enter the elements
1
5
2
1
The greatest number in the list is = 5
PS C:\Users\hp>
```

2. Write Python Program to find digital root of number

The screenshot shows the Visual Studio Code interface with a Python file named 'Program 2(Day 9).py'. The code is as follows:

```
1 #Python program to find digital root of a #number
2
3
4 n = int(input("Enter the digit\n"))
5 def digital_root(n):
6     m = len(str(n))
7     s=0
8     for i in range(m):
9         s = s + n%10
10        n = n//10
11    print(s)
12    if(len(str(s))>1):
13        return(digital_root(s))
14
15 print(digital_root(n))
```

The terminal window shows the execution of the program with an error:

```
Windows PowerShell
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PS C:\Users\hp> & python "c:/Users/hp/Downloads/Program 2(Day 9).py"
File "c:/Users/hp/Downloads/Program 2(Day 9).py", line 18
Output:
SyntaxError: invalid syntax
PS C:\Users\hp> & python "c:/Users/hp/Downloads/Program 2(Day 9).py"
Enter the digit
2569
22
4
None
PS C:\Users\hp>
```