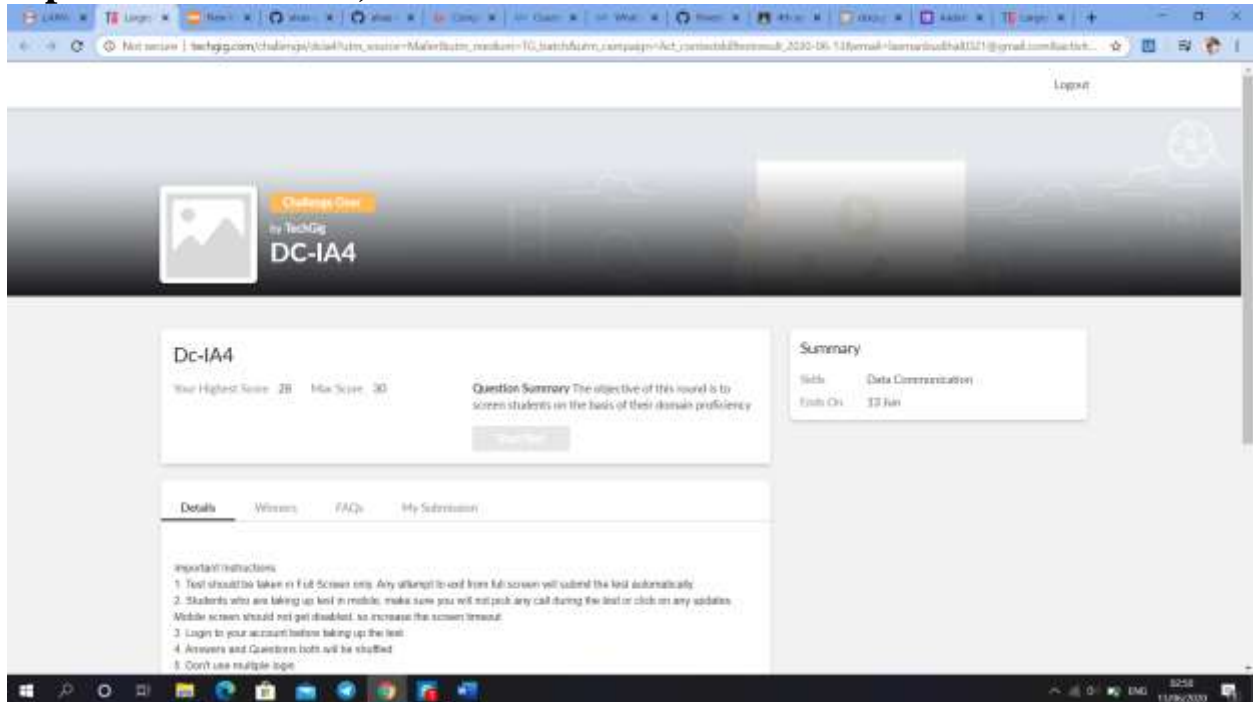


DAILY ONLINE ACTIVITIES SUMMARY

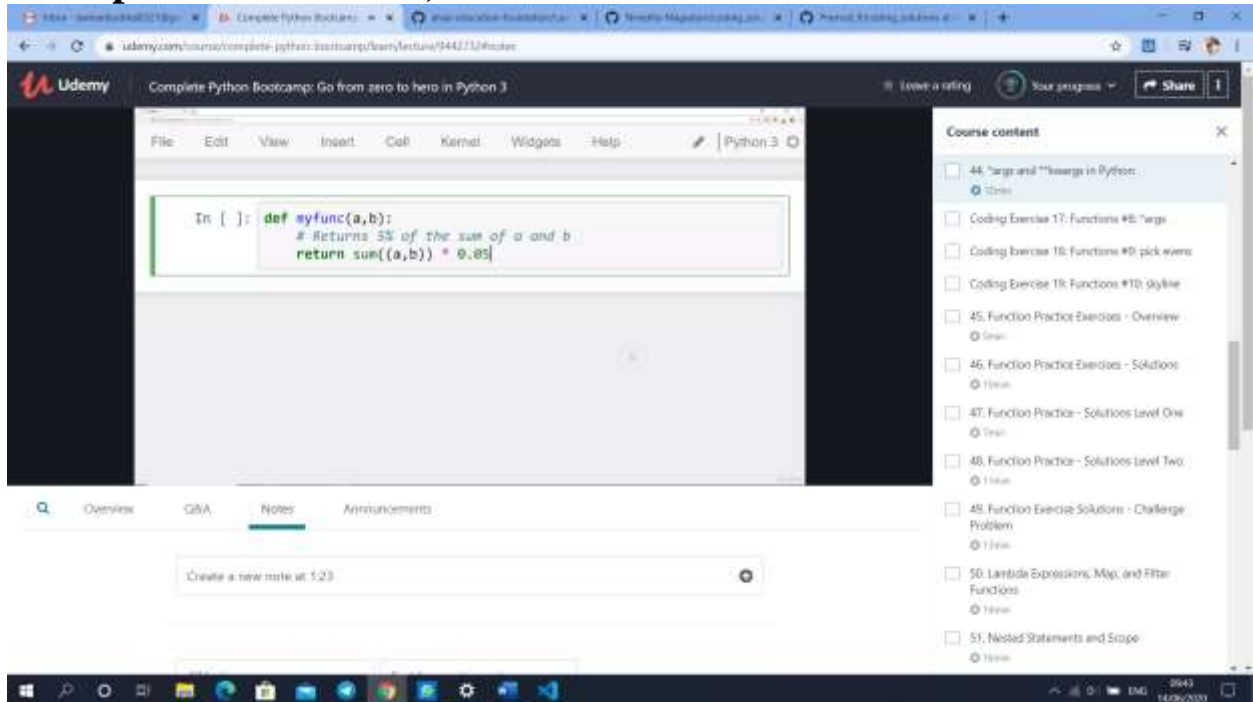
Date:	13/06/2020		Name:	Laxman Pundalik Budihal	
Sem & Sec	4 rd sem (A sec)		USN:	4AL18CS043	
Online Test Summary					
Subject	DC				
Max. Marks	30		Score	28	
Certification Course Summary					
Course	Python Bootcamp				
Certificate Provider	Udemy		Duration	24 hours	
Coding Challenges					
Problem Statement: Write a C program to calculate Electricity bill					
Status: Completed					
Uploaded the report in GitHub			YES		
If yes Repository name			https://github.com/alvas-education-foundation/Laxman_Budihal		
Uploaded the report in slack			YES		

Online Test Details: (Attach the snapshot and briefly write the report for the same)



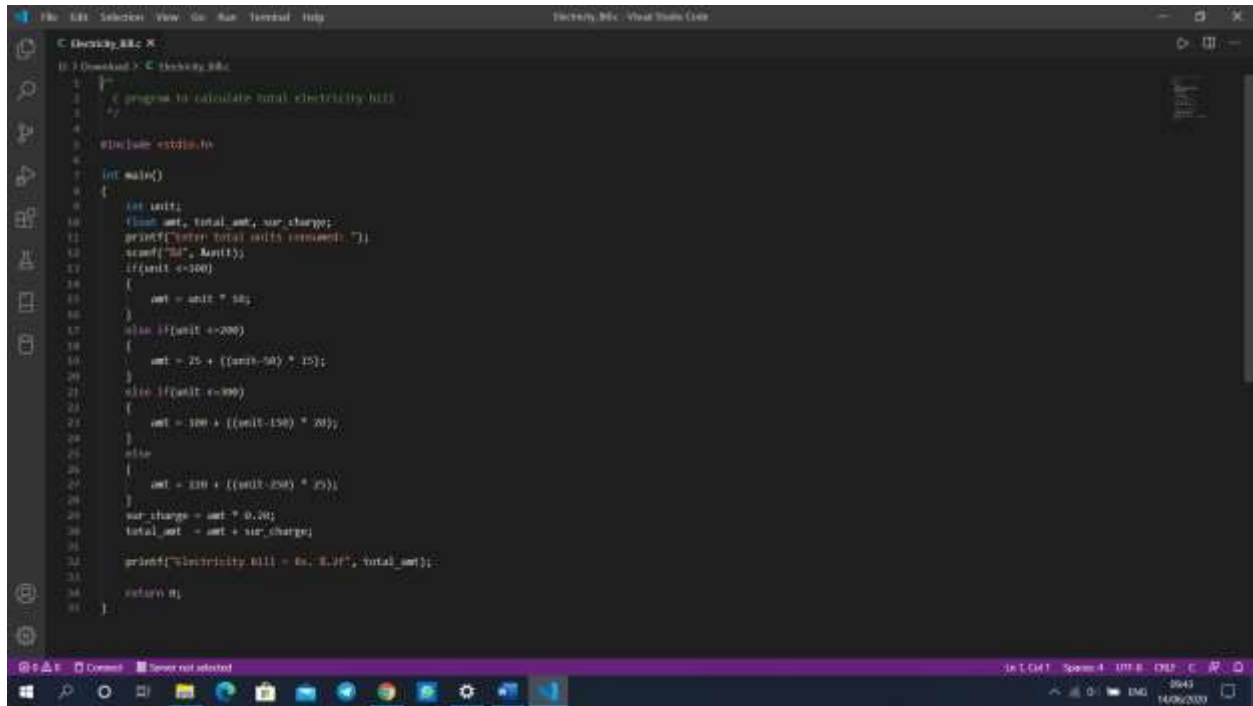
DC Internals was conducted. A total of 30 questions were there in which 30 of them were Multiple Choice and fill in blanks Questions. The above snapshot is the result sheet

Certification Course Details: (Attach the snapshot and briefly write the report for the same)



The today's topic is about some coding activates

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

A screenshot of a Visual Studio Code editor window showing a C program for calculating an electricity bill. The file is named 'Electricity Bill.c' and is located in the 'Downloads' folder. The code includes a comment at the top: 'C program to calculate total electricity bill'. It defines a function 'main()' which declares variables 'unit', 'total_amt', and 'sur_charge'. It prompts the user to 'Enter total units consumed: ', reads the input, and then uses a series of if-else statements to calculate the bill based on different unit ranges. The calculation logic is as follows: if units are less than 100, the amount is unit * 50; if between 100 and 200, it's 25 + (units - 100) * 25; if between 200 and 300, it's 100 + ((units - 200) * 20); if between 300 and 400, it's 120 + ((units - 300) * 20). After calculating the amount, it calculates a 20% surcharge, adds it to the total amount, and prints the final bill as 'Electricity bill = Rs. 2.00' (assuming the input was 100). The program then returns 0.

```
1 // C program to calculate total electricity bill
2
3
4 #include <stdio.h>
5
6 int main()
7 {
8     int unit;
9     float total_amt, sur_charge;
10     printf("Enter total units consumed: ");
11     scanf("%d", &unit);
12     if(unit < 100)
13     {
14         amt = unit * 50;
15     }
16     else if(unit <= 200)
17     {
18         amt = 25 + ((unit-100) * 25);
19     }
20     else if(unit <= 300)
21     {
22         amt = 100 + ((unit-200) * 20);
23     }
24     else
25     {
26         amt = 120 + ((unit-300) * 20);
27     }
28     sur_charge = amt * 0.20;
29     total_amt = amt + sur_charge;
30
31     printf("Electricity bill = Rs. 2.00", total_amt);
32
33     return 0;
34 }
```

The question I took to code is: Write a C program to calculate Electricity bill