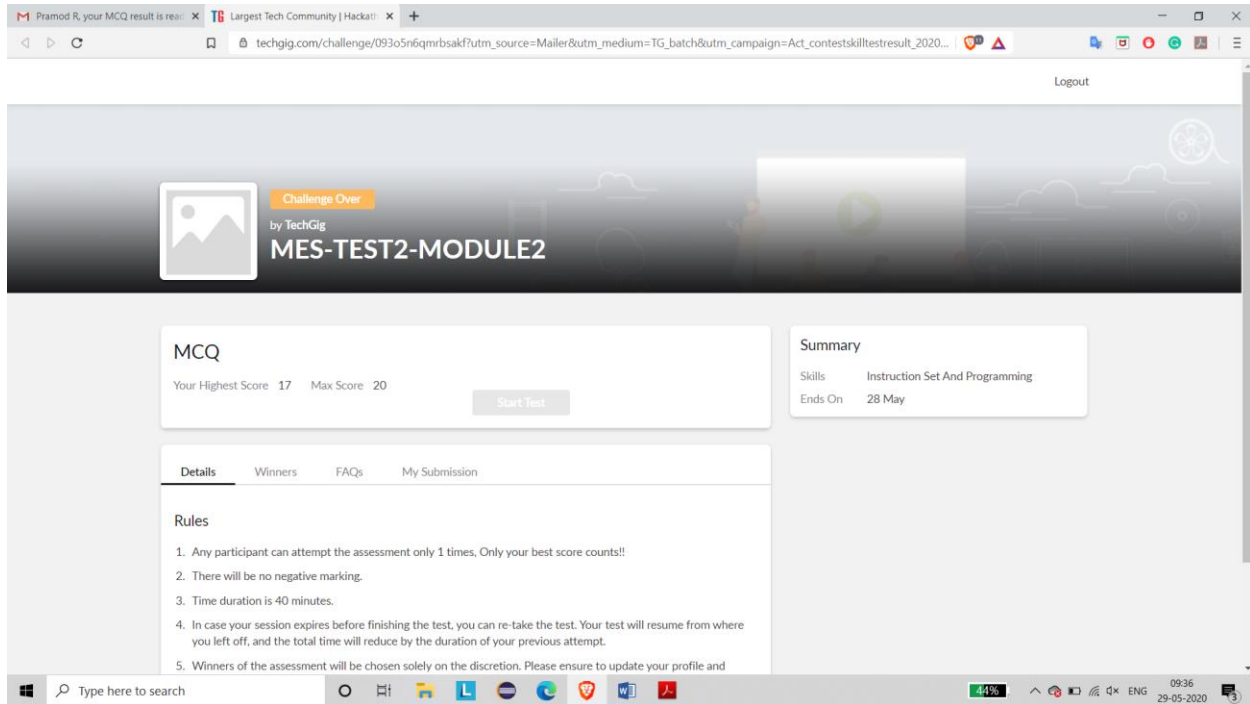


DAILY ONLINE ACTIVITIES SUMMARY

Date:	28/05/2020	Name:	Pramod R
Sem & Sec	4 th sem B section	USN:	4AL18CS059
Online Test Summary			
Subject	MICROCONTROLLER AND EMBEDDED SYSTEMS		
Max. Marks	20	Score	17
Certification Course Summary			
Course	Blockchain Basics		
Certificate Provider	Coursera	Duration	4 weeks
Coding Challenges			
Problem Statement: Java program to Count total sub-array which start and end with same element			
Status: Completed			
Uploaded the report in Github		YES	
If yes Repository name		https://github.com/alvas-education-foundation/Pramod_R	
Uploaded the report in slack		YES	

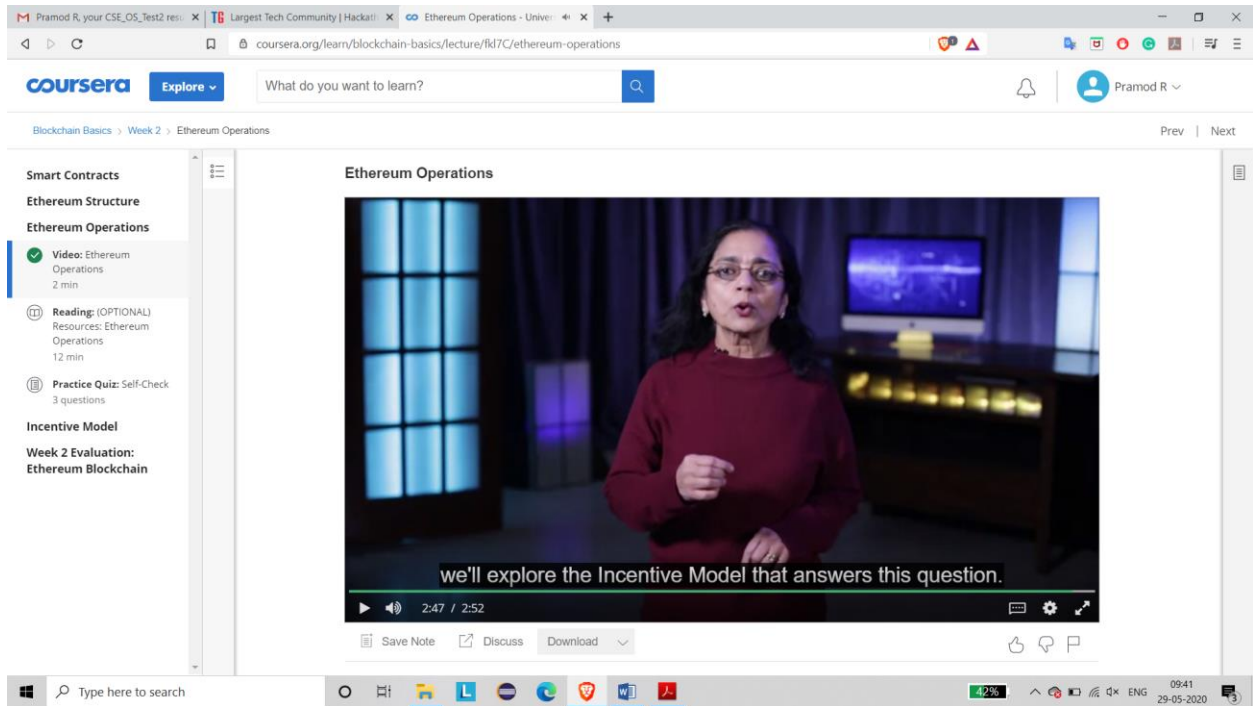
Online Test Details: (Attach the snapshot and briefly write the report for the same)



MICROCONTROLLER AND EMBEDDED SYSTEMS internals was conducted. A total of 20 questions were there in which all the 20 of them were Multiple Choice Questions.

The above snapshot is the result sheet which was mailed to us by the Techgig team

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

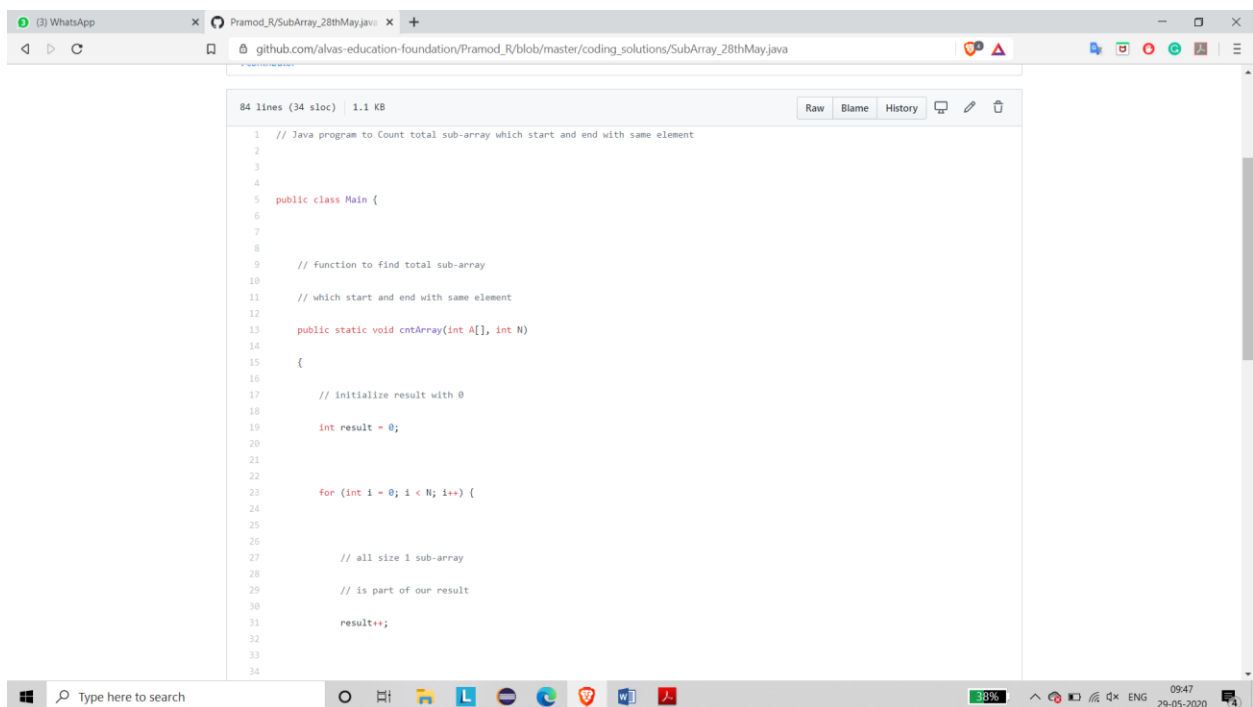


The course I have chosen during the lockdown period is Blockchain basics. Since I had previously knew few topics about bitcoin I am continuing this course. Since Blockchain is gaining a lot interest in the IT Sector I have preferred to choose this course.

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

The question I took to code is:

Java program to Count total sub-array which start and end with same element

A screenshot of a web browser displaying a GitHub repository. The browser's address bar shows the URL: github.com/alvas-education-foundation/Pramod_R/blob/master/coding_solutions/SubArray_28thMay.java. The repository page shows a file named 'SubArray_28thMay.java' with 84 lines of code and a size of 1.1 KB. The code is displayed in a light blue editor with line numbers on the left. The code is a Java program that counts the number of sub-arrays in an array 'A' that start and end with the same element. It uses a nested loop to iterate through all possible sub-arrays and increments a counter whenever the first and last elements of a sub-array are equal. The code is as follows:

```
1 // Java program to Count total sub-array which start and end with same element
2
3
4
5 public class Main {
6
7
8
9     // function to find total sub-array
10
11     // which start and end with same element
12
13     public static void cntArray(int A[], int N)
14     {
15
16
17         // initialize result with 0
18
19         int result = 0;
20
21
22         for (int i = 0; i < N; i++) {
23
24
25
26
27             // all size 1 sub-array
28
29             // is part of our result
30
31             result++;
32
33
34 }
```

Solution: The above snapshot is the code which I have uploaded in my Github repository