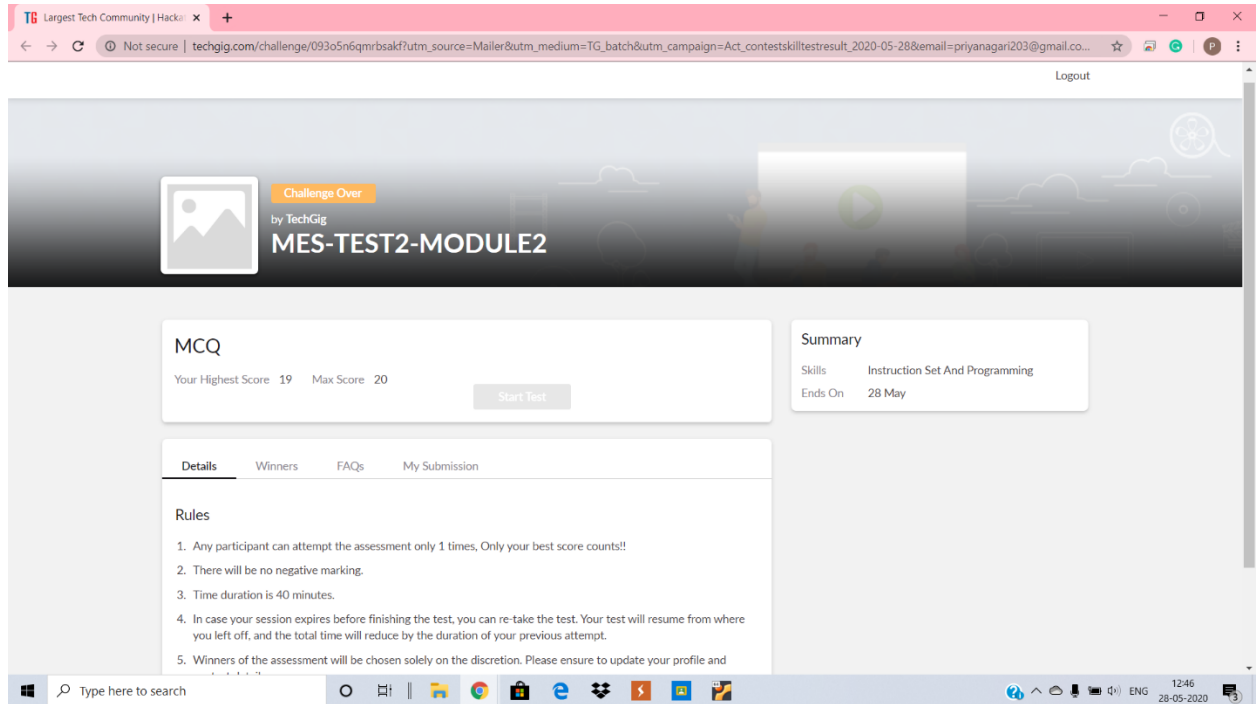


DAILY ONLINE ACTIVITIES SUMMARY

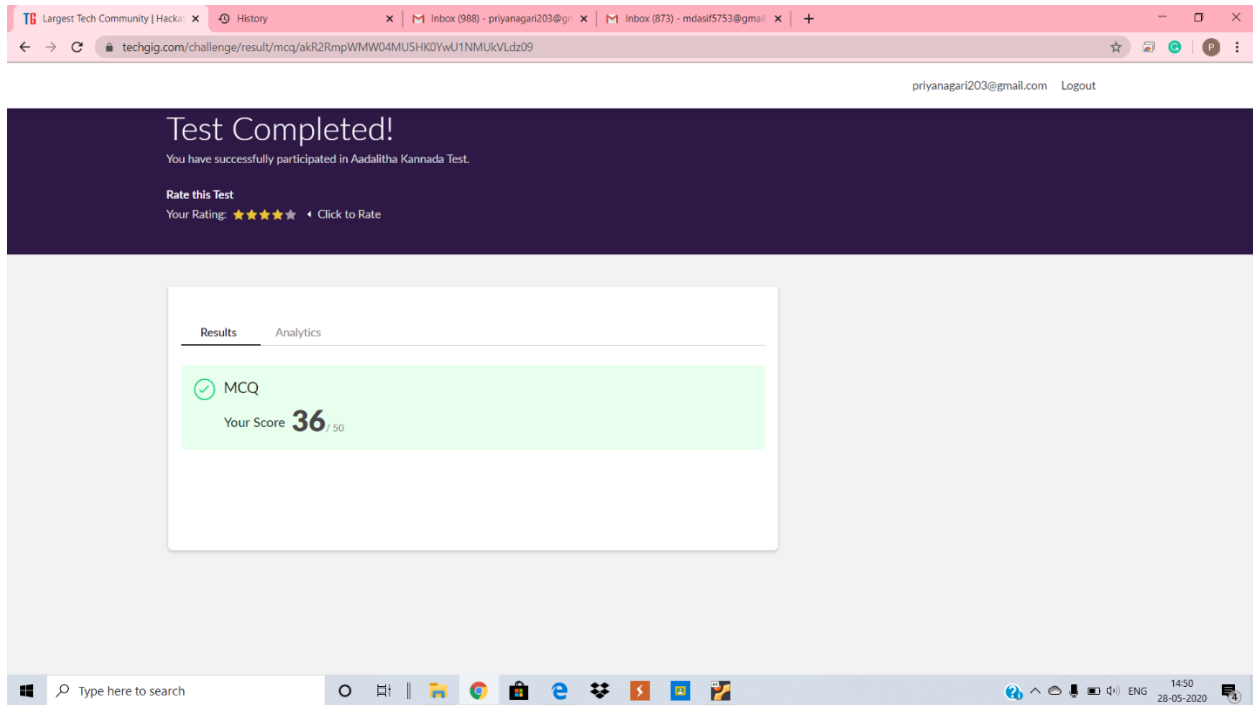
Date:	28/05/2020	Name:	Priya Nagari
Sem & Sec	Fourth SEM section B	USN:	4AL18CS063
Online Test Summary			
Subject	1.Microcontroller and Embedded system 2.Aadalitha Kannada		
Max. Marks	1)20 2)50	Score	1)19 2)36
Certification Course Summary			
Course	The complete Android app development Masterclass: Build apps		
Certificate Provider	Udemy	Duration	29 hours
Coding Challenges			
Problem Statement 1: C program to find digital root of a number			
Problem Statement 2: C program to in an array X of size M where the array elements contain values from 1 to M with duplicates, the task is to find the total number of sub arrays which start and end with the same element.			
Status:			
Uploaded the report in Github		YES	
If yes Repository name		Priya_Nagari link: https://github.com/alvas-education-foundation/Priya_Nagari	
Uploaded the report in slack		YES	

Online Test Details:

- The Microcontroller and Embedded system test was scheduled from 12:00PM to 12:50PM. The Portion for the IA was the 2nd module there were 20 questions of one mark & the time assigned was 40 minutes. The questions were mcq type.



- The test Aadalitha Kannada was scheduled from 2:00PM to 2:50PM. The Portion for the IA was the 2nd module there were 50 questions of one mark & the time assigned was 50 minutes. The questions were mcq type.



Certification Course Details:

Name of the course: The complete Android app development Masterclass: Build apps

Certificate Provider: Udemy

total duration is 29 hours.

Today I completed the lectures about activity cycle .and started with fragmentation. In this concept I need to practice these concepts in Android studio ,so I am daily practicing and completing the challenges given on each topic.

The screenshot shows a web browser displaying a Udemy course page. The course title is "The Complete Android App Development Masterclass: Build Apps". The main content area shows a video player with a smartphone screen displaying a simple app interface. To the right of the video player is a "Course content" sidebar listing various lessons, including "Activity Lifecycle - bundle - savedInstanceState", "Send Messages - Capture Images - Permissions", "Handle Permissions Correctly", "Alarm Action - Calendar", "Fragments", "Callback Interfaces", and a series of "Challenge - Gym Application" parts. The bottom of the page shows a Windows taskbar with various application icons and a search bar.

Online Coding Details:

Problem Statement 1: C program to find digital root of a number

The screenshot shows a GitHub repository page for the user "Priya_Nagari". The repository is named "alvas-education-foundation / Priya_Nagari". The file being viewed is "DigitalRoot.c" located in the "coding_solutions / C_PROGRAMS" directory. The code is a C program that calculates the digital root of a number. It includes headers for `<iostream>` and `<iomanip>`, uses the `std` namespace, and defines a function `digitalRoot` that takes a string number and returns its digital root. The `main` function prompts the user to enter a string, reads it, and calls `digitalRoot` to display the result.

```

1 #include<iostream>
2 #include<iomanip>
3 using namespace std;
4 int digitalRoot(string num)
5 {
6     if (num.compare("0") == 0)
7         return 0;
8     int ans = 0;
9     for (int i=0;i<num.length();i++)
10         ans = (ans + num[i]-'0') % 9;
11     return (ans == 0) ? 9 : ans % 9;
12 }
13 int main()
14 {
15     string num;
16     cout<<"Enter the string:";
17     cin>>num;
18     cout<< digitalRoot(num) <<endl;
19     return 0;
20 }

```

Problem Statement 2: C program to in an array X of size M where the array elements contain values from 1 to M with duplicates, the task is to find the total number of sub arrays which start and end with the same element.

The screenshot shows a GitHub repository page for the user 'Priya_Nagari'. The repository is named 'alvas-education-foundation / Priya_Nagari'. The file being viewed is 'SubArray_dup.c' located in the path 'coding_solutions / C_PROGRAMS / SubArray_dup.c'. The file is 28 lines long and 624 bytes. The code is a C program that finds the total number of subarrays starting and ending with the same element in an array of size M. The code is as follows:

```
1  /*In an array X of size M where the array elements contain values from 1 to M with duplicates, the task is to find total number of sub arra
2  #include<iostream>
3  #include <conio.h>
4  using namespace std;
5  void cntArray(int A[], int N)
6  {
7      int result = 0;
8      for (int i = 0; i < N; i++)
9      {
10         result++;
11         int current_value = A[i];
12         for (int j = i + 1; j < N; j++)
13         {
14             if (A[j] == current_value)
15             {
16                 result++;
17             }
18         }
19     }
20     cout << result << endl;
```

A notification in the bottom right corner states: "Screenshot saved. The screenshot was added to your OneDrive. OneDrive". The Windows taskbar at the bottom shows the search bar, task view, and several application icons. The system tray in the bottom right corner shows the date and time as 18:55 on 28-05-2020.