

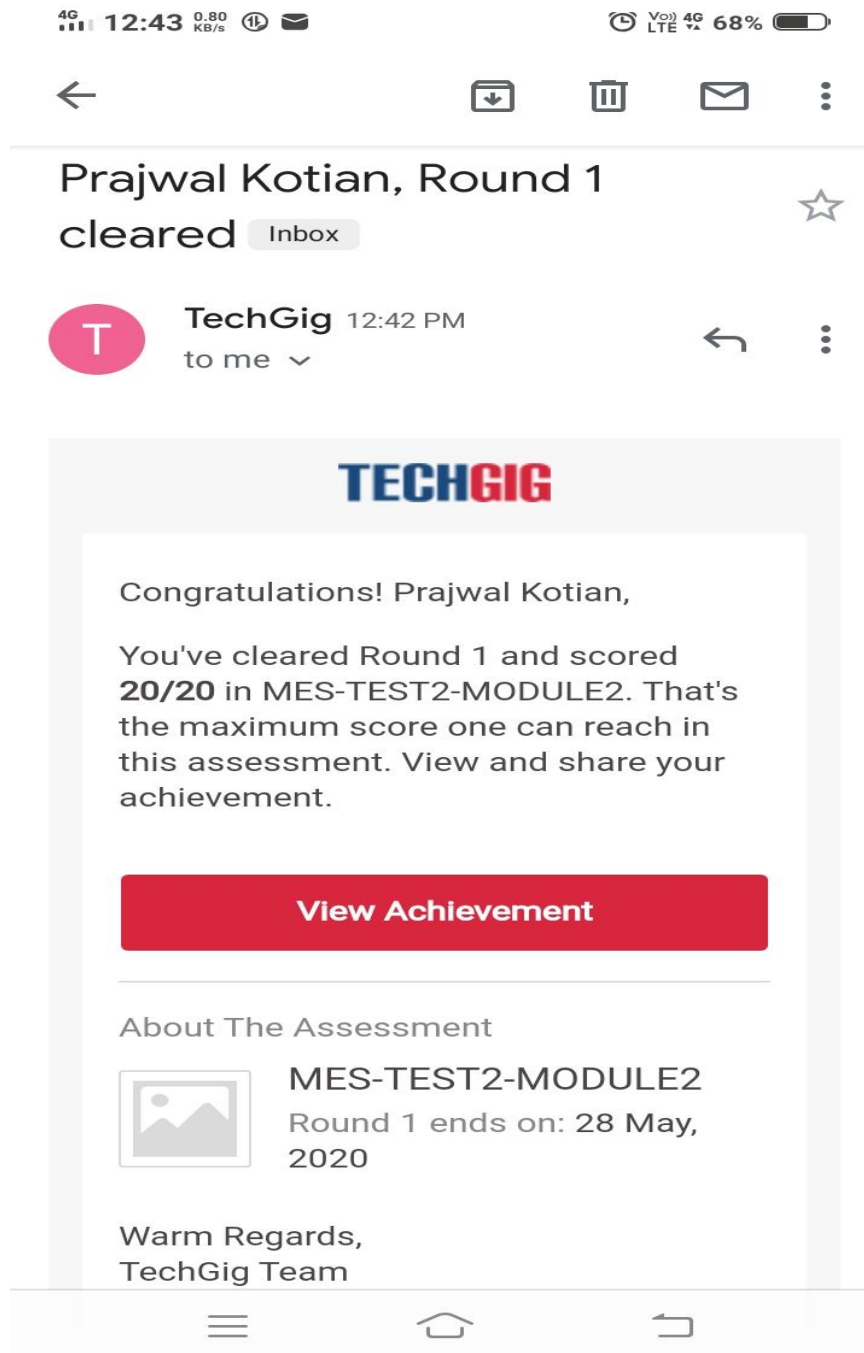
DAILY ONLINE ACTIVITIES SUMMARY

Date:	28/05/2020	Name:	Prajwal
Sem & Sec	IV sem & B sec	USN:	4AL18CS057
Online Test Summary			
Subject	1. Microcontroller And Embedded System 2. Adalitha Kannada		
Max. Marks	1. 20 2. 50	Score	20 33
Certification Course Summary			
Course	Machine Learning With Python		
Certificate Provider	COGNITIVE CLASS	Duration	12 hours
Coding Challenges			
Problem Statement: 1. Write a simple java program to print duplicate array elements. 2. Write applet java program to check whether the given number is Armstrong or not. 3. Write a C program to find the digital root of a number.			
Status: Done			
Uploaded the report in Github		YES	
If yes Repository name		https://github.com/PRAJWALKOTIAN/lockdown-coding	
Uploaded the report in slack		YES	

Online test details

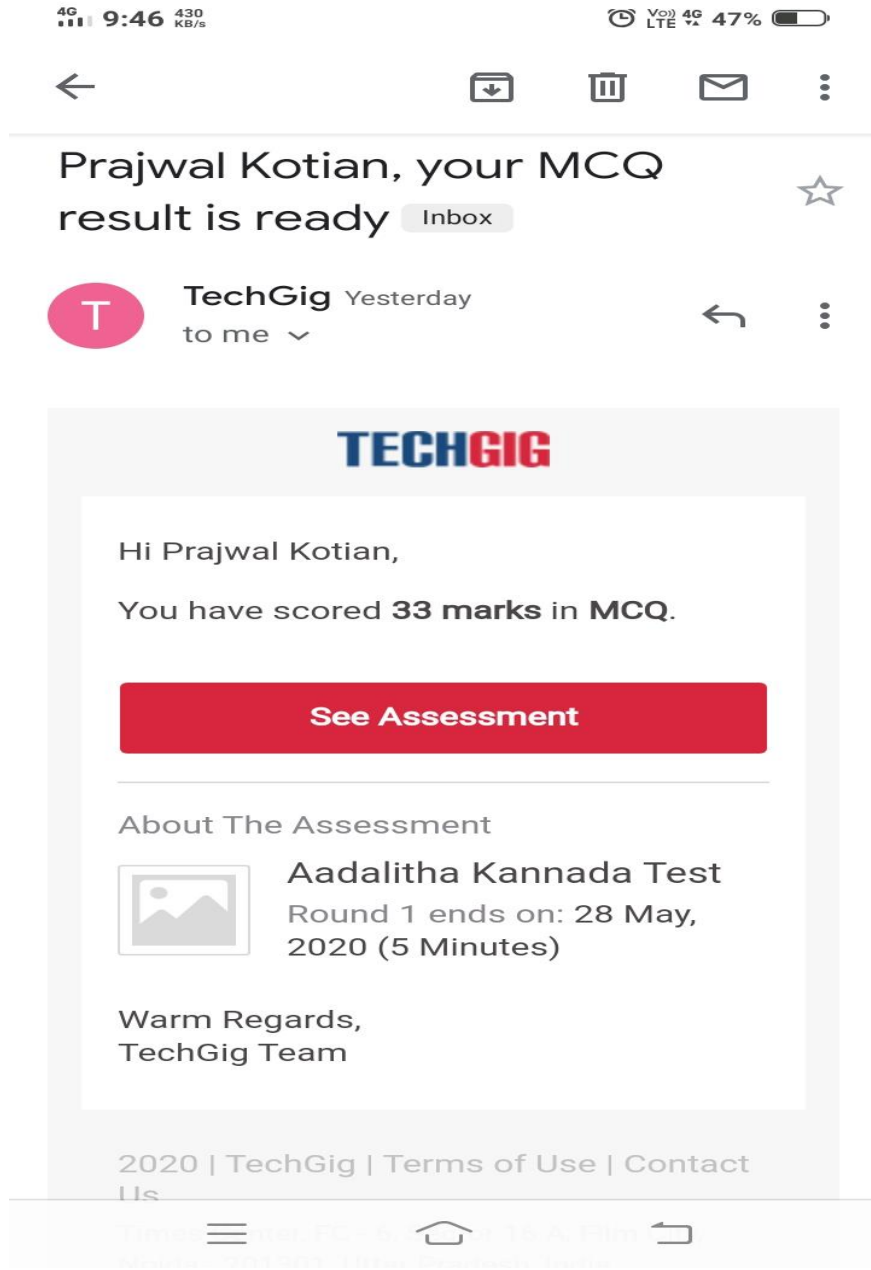
1. Microcontroller And Embedded System

Test was conducted from 12:00 to 12:40 am dated 28 may 2020. The test includes MCQ kind of questions. There were 20 questions contains 1 mark each.



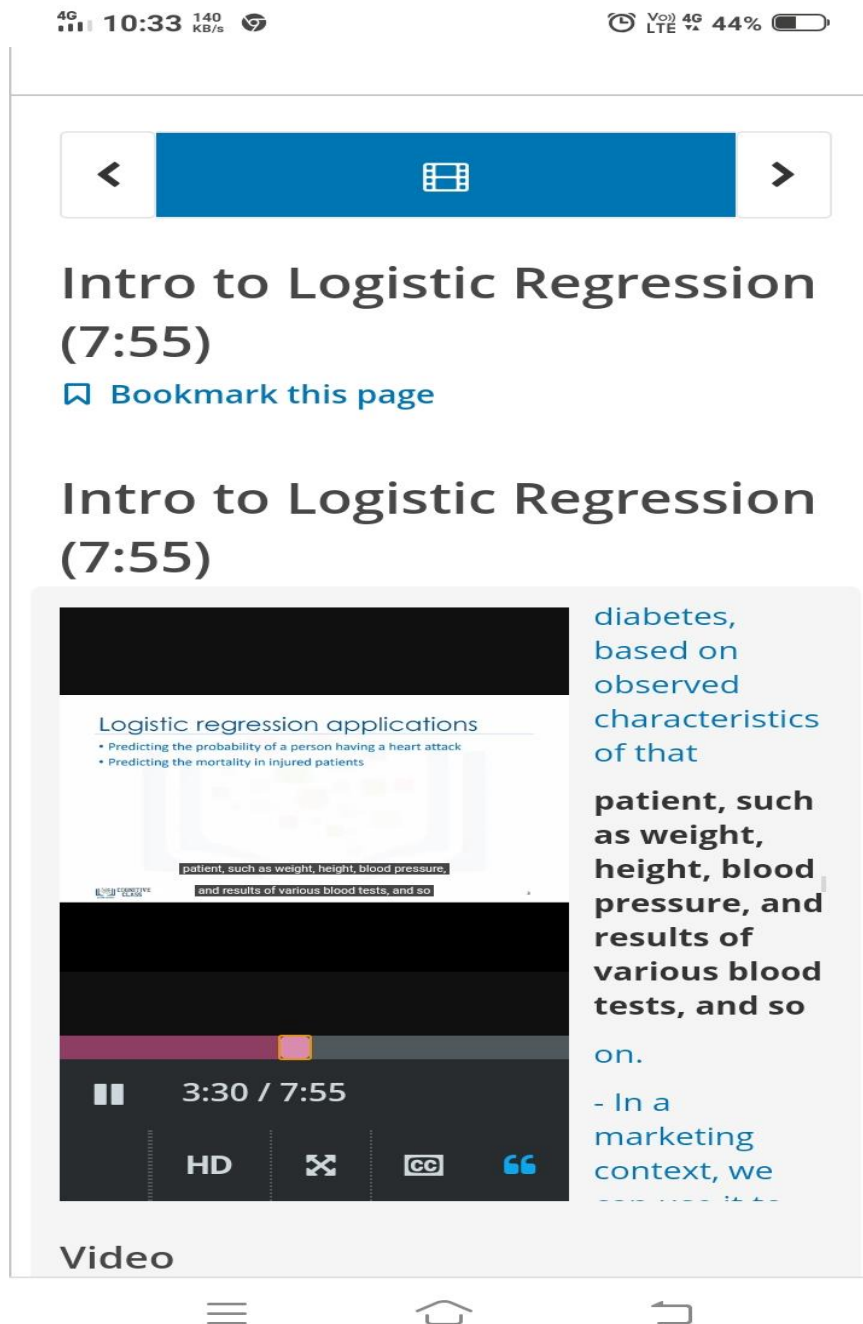
2.Adalitha Kannada

Test was conducted from 02:00 to 02:50 am dated 28 may 2020.The test includes MCQ kind of questions. There were 50 questions contains 1 mark each.



Certification Course Details

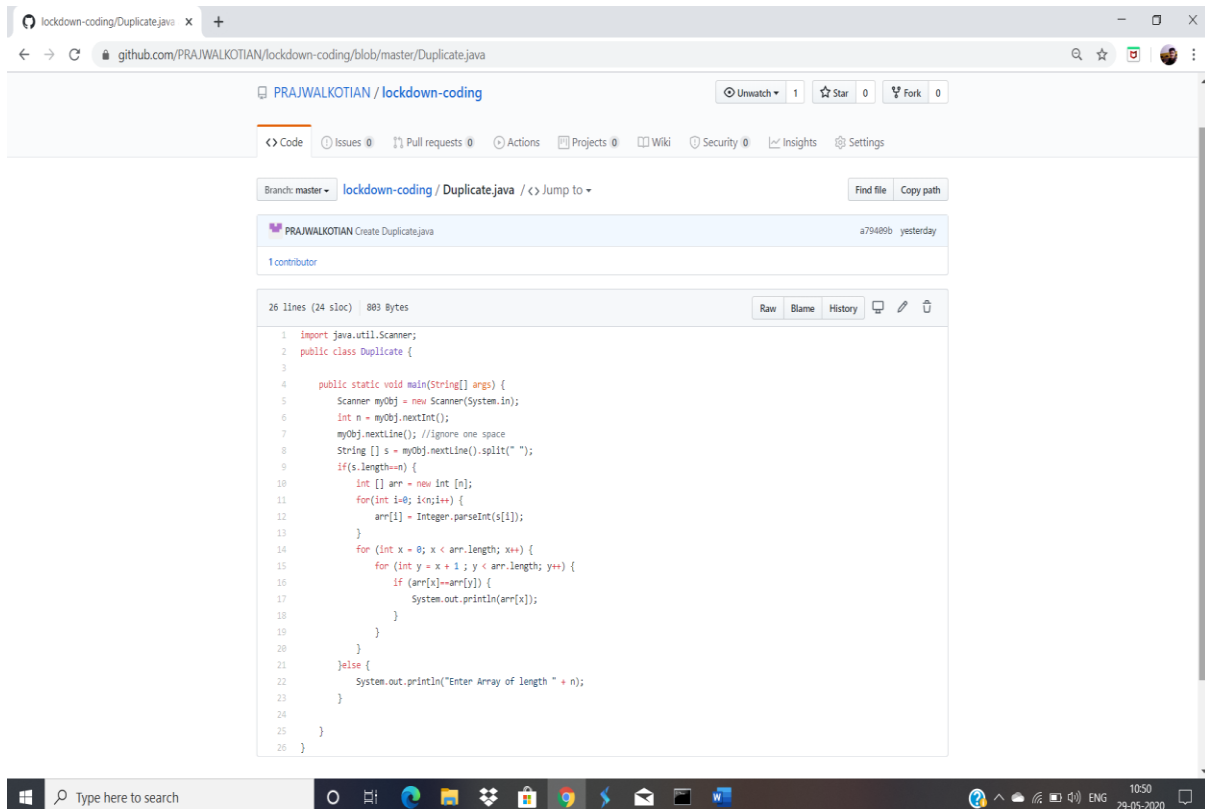
The course I have chosen is MACHINE LEARNING WITH PYTHON in this I studied the introduction on the topic logistic regression and also applications of logistic regression was done.



Coding Challenges Details

The bellow given codes are there on my github repository
<https://github.com/PRAJWALKOTIAN/lockdown-coding>

1. Write a simple java program to print duplicate array elements.



The screenshot shows a GitHub repository named 'lockdown-coding' by user 'PRAJWALKOTIAN'. The file 'Duplicate.java' is selected, showing its code. The code is a Java program that takes an array of integers as input and prints the duplicate elements. The code is as follows:

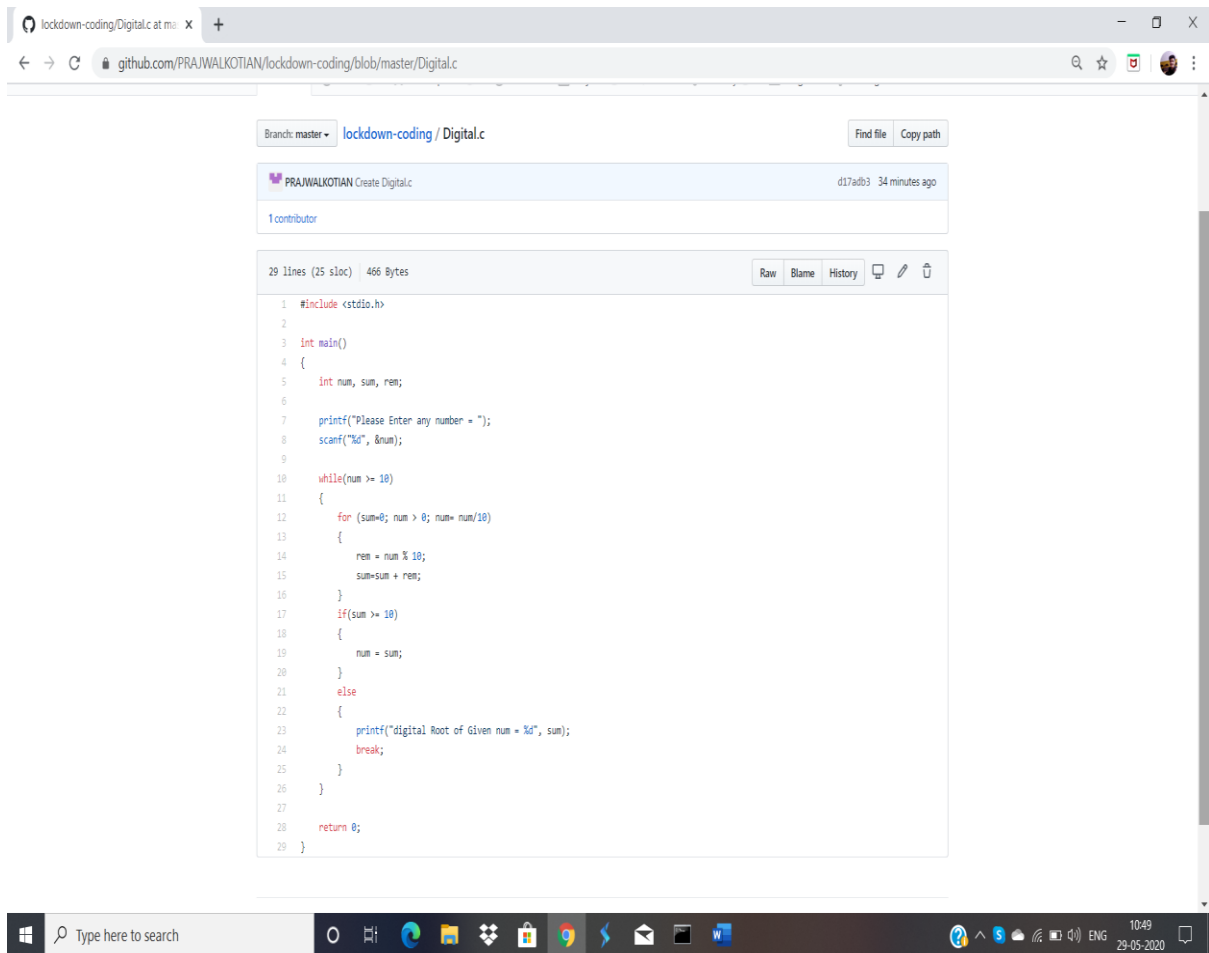
```
1 import java.util.Scanner;
2 public class Duplicate {
3
4     public static void main(String[] args) {
5         Scanner myObj = new Scanner(System.in);
6         int n = myObj.nextInt();
7         myObj.nextLine(); //ignore one space
8         String [] s = myObj.nextLine().split(" ");
9         if(s.length==n) {
10             int [] arr = new int [n];
11             for(int i=0; i<n;i++) {
12                 arr[i] = Integer.parseInt(s[i]);
13             }
14             for (int x = 0; x < arr.length; x++) {
15                 for (int y = x + 1; y < arr.length; y++) {
16                     if (arr[x]==arr[y]) {
17                         System.out.println(arr[x]);
18                     }
19                 }
20             }
21         }else {
22             System.out.println("Enter Array of length " + n);
23         }
24     }
25 }
26 }
```

The code is 26 lines long, 24 lines of code, and 883 bytes. It includes a 'Raw' button and a 'Blame' button. The repository has 1 star and 0 forks.

2. Write applet java program to check whether the given number is Armstrong or not.

The image is a screenshot of a web browser displaying a GitHub repository page. The browser's address bar shows the URL 'github.com/PRAJWALKOTIAN/lockdown-coding/blob/master/ArmStrong.java'. The page header indicates the branch is 'master' and the file path is 'lockdown-coding / ArmStrong.java'. Below the header, there is a commit information section showing the commit hash '73b8f4c' and the date 'yesterday'. The main content area displays the source code of the 'ArmStrong.java' file, which is a Java Swing applet. The code includes imports for 'javax.swing.*', 'java.awt.*', and 'java.awt.event.*'. It defines a class 'ArmStrong' that extends 'JApplet'. The 'init()' method contains a 'try' block that calls 'SwingUtilities.invokeLater()' to run the 'makeGUI()' method. The 'makeGUI()' method sets the layout to 'FlowLayout()' and creates a 'JLabel' with the text 'Enter The number:'. The code is displayed with line numbers from 1 to 38. The browser's taskbar at the bottom shows various application icons, including the Start button, search, and several open applications like Chrome, File Explorer, and Word. The system clock in the bottom right corner shows the date '29-05-2020' and the time '11:01'.

3. Write a C program to find the digital root of a number.



The screenshot shows a web browser displaying a GitHub repository named 'lockdown-coding/Digital.c'. The repository is created by PRAJWALKOTIAN and has 1 contributor. The file 'Digital.c' is shown, which is 29 lines long (25 sloc) and 466 Bytes. The code is as follows:

```
1 #include <stdio.h>
2
3 int main()
4 {
5     int num, sum, rem;
6
7     printf("Please Enter any number = ");
8     scanf("%d", &num);
9
10    while(num >= 10)
11    {
12        for (sum=0; num > 0; num= num/10)
13        {
14            rem = num % 10;
15            sum=sum + rem;
16        }
17        if(sum >= 10)
18        {
19            num = sum;
20        }
21        else
22        {
23            printf("digital Root of Given num = %d", sum);
24            break;
25        }
26    }
27
28    return 0;
29 }
```

The Windows taskbar is visible at the bottom of the screen, showing the search bar and various application icons. The system clock indicates the time is 10:49 on 29-05-2020.