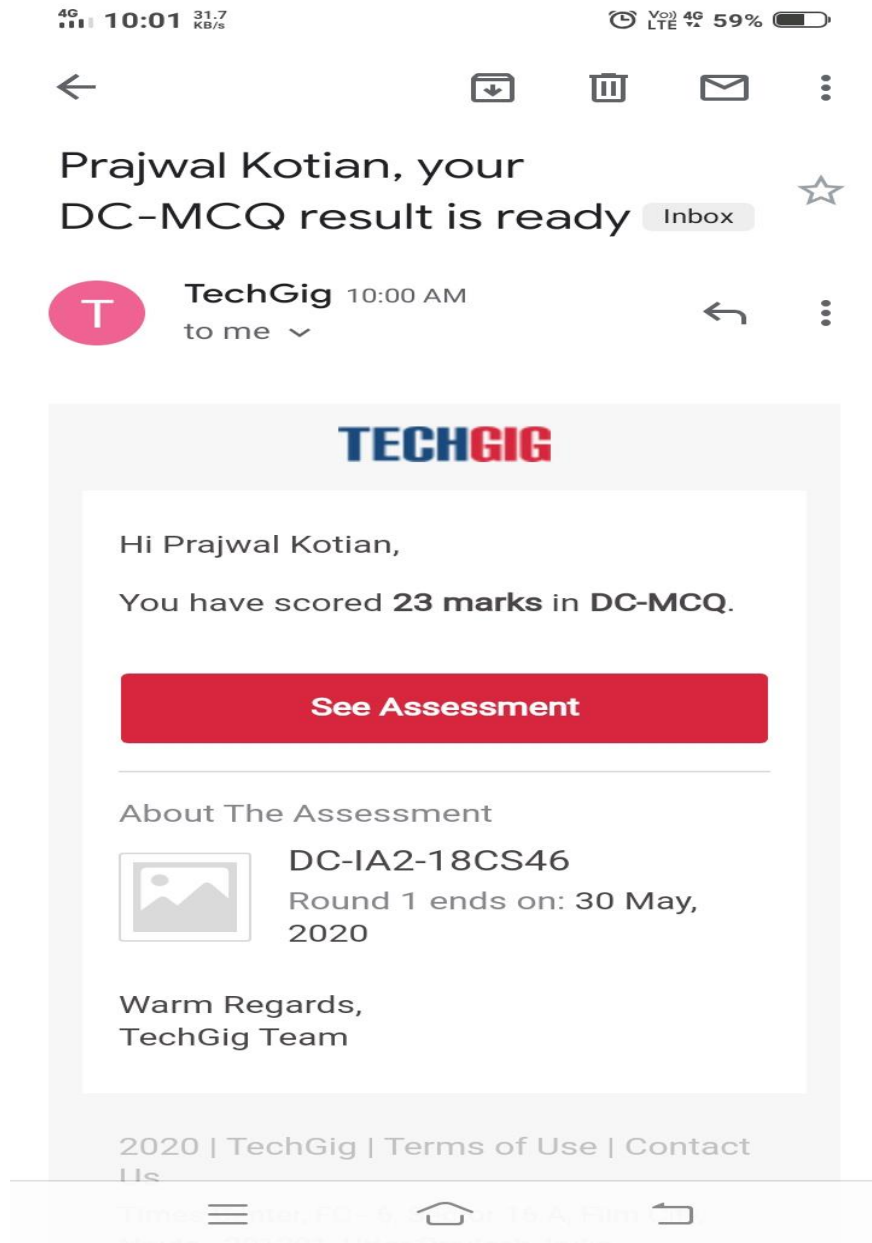


DAILY ONLINE ACTIVITIES SUMMARY

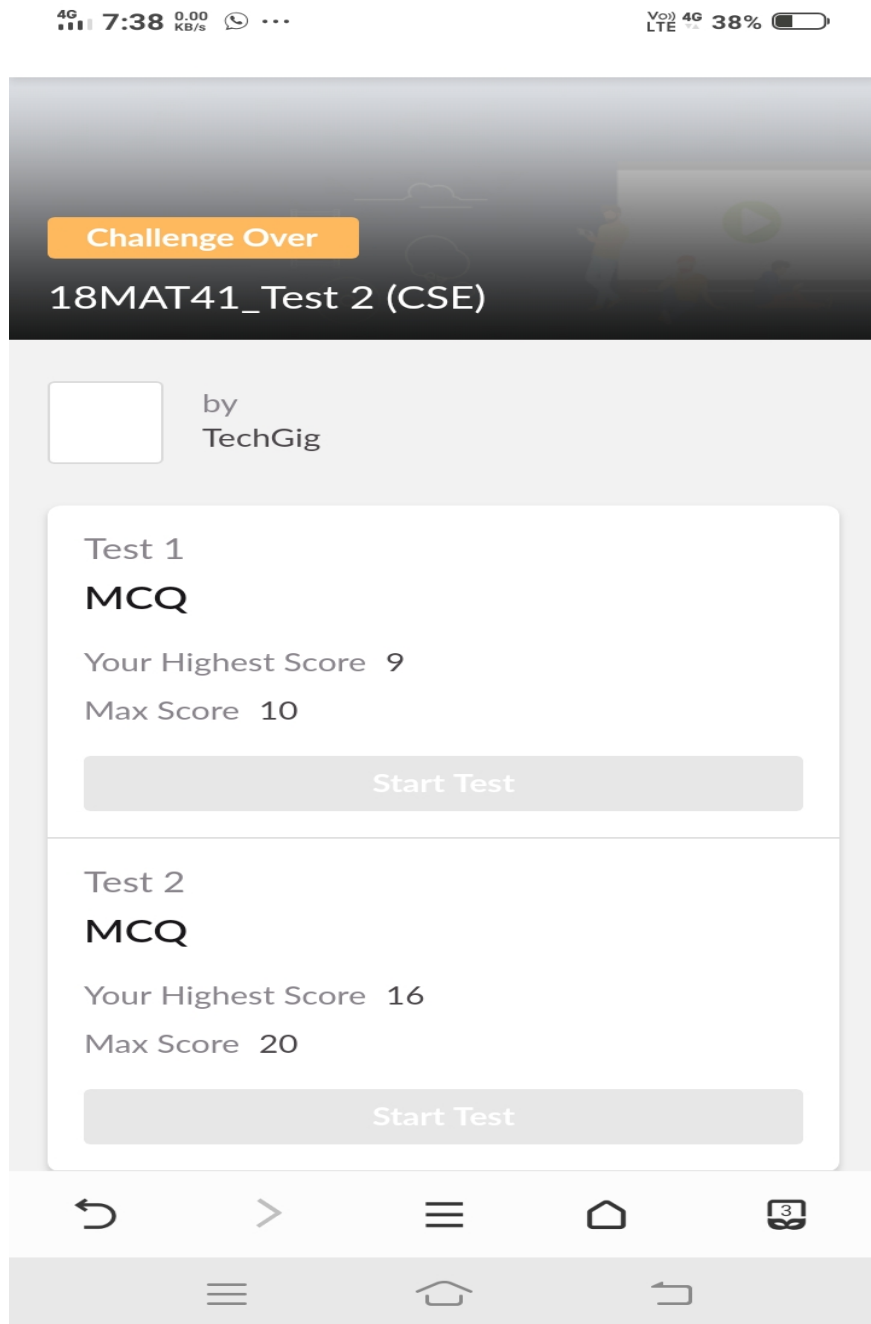
Date:	30/05/2020		Name:	Prajwal
Sem & Sec	IV sem & B sec		USN:	4AL18CS057
Online Test Summary				
Subject	1. Data Communication 2. Complex Analysis, Probability And Statistical Methods			
Max. Marks	1. 30	Score	23	
	2. 30		25	
Certification Course Summary				
Course	Machine Learning With Python			
Certificate Provider	COGNITIVE CLASS	Duration	12 hours	
Coding Challenges				
Problem Statement: 1. Write a C program to count uppercase, lowercase, special character and numeric values for a given string.				
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

Test was conducted from 09:15 to 10:00 am dated 30 May 2020. The test includes MCQ kind of questions which contains 30 question of 1 mark each.



Test was conducted from 03:00 to 03:40 am dated 30 may 2020. The test includes MCQ kind of questions which contains 10 question of 1 mark each and 10 question of 2 mark each.



Certification Course Details

The course I have chosen is MACHINE LEARNING WITH PYTHON in this I studied the introduction on support vector machines (SVMs).

4G 11:23 69.4 KB/s

VoLTE 4G 68%

Course > Modul... > Suppor... > Suppor...

< >

Support Vector Machines (SVMs) (8:52)

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Support Vector Machines (SVMs) (8:52)

What is SVM?

SVM is a supervised algorithm that classifies cases by finding a separator.

1. Mapping data to a **high-dimensional** feature space

Height	Weight	Age	Gender	Class
1.7	65	25	Male	1
1.8	70	30	Male	1
1.9	75	35	Male	1
1.6	60	20	Female	0
1.7	62	22	Female	0
1.8	68	28	Female	0
1.5	55	18	Female	0
1.6	58	20	Female	0

even when the data are not otherwise linearly separable

dimensional feature space so that data points can be categorized, even when the data are not otherwise linearly separable. Then, a separator is estimated for the data. The data

1:28 / 8:52

HD

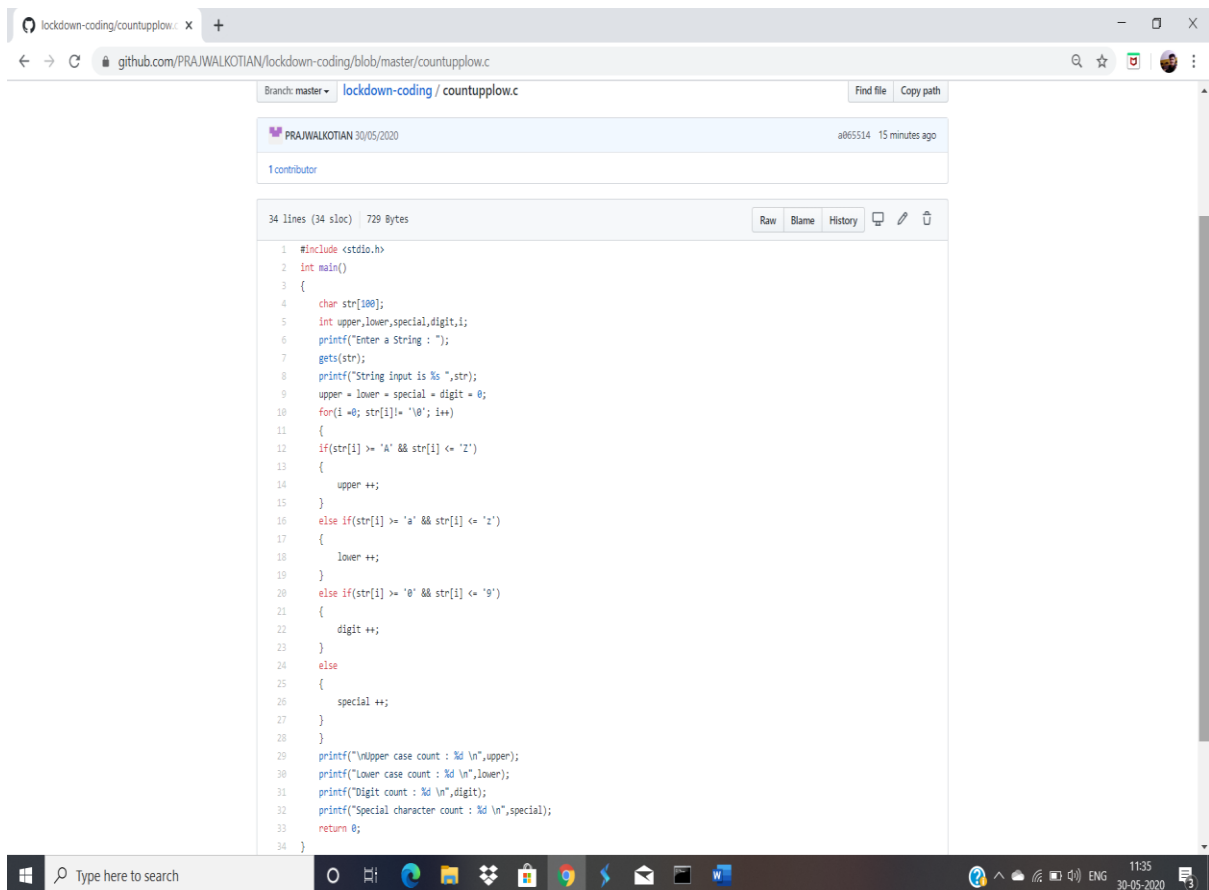
CC

“

Coding Challenges Details

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

1. Write a C program to count uppercase, lowercase, special character and numeric values for a given string.



The screenshot displays a web browser window showing a GitHub repository page for a file named `countupplow.c`. The page header indicates the branch is `master` and the file is located at `lockdown-coding / countupplow.c`. The file was last committed by `PRAJWALKOTIAN` on 30/05/2020. The file statistics show 34 lines (34 sloc) and 729 Bytes. The code is a C program that counts the number of uppercase, lowercase, digit, and special characters in a given string. The program uses `stdio.h` and `main()` function. It declares a character array `str` of size 100 and variables `upper`, `lower`, `special`, and `digit` to store the counts. It prompts the user to enter a string and then iterates through each character of the string, incrementing the respective count variable based on the character type. Finally, it prints the counts for each category and returns 0.

```
1 #include <stdio.h>
2 int main()
3 {
4     char str[100];
5     int upper,lower,special,digit,i;
6     printf("Enter a String : ");
7     gets(str);
8     printf("String input is %s",str);
9     upper = lower = special = digit = 0;
10    for(i = 0; str[i] != '\0'; i++)
11    {
12        if(str[i] >= 'A' && str[i] <= 'Z')
13        {
14            upper ++;
15        }
16        else if(str[i] >= 'a' && str[i] <= 'z')
17        {
18            lower ++;
19        }
20        else if(str[i] >= '0' && str[i] <= '9')
21        {
22            digit ++;
23        }
24        else
25        {
26            special ++;
27        }
28    }
29    printf("\nupper case count : %d \n",upper);
30    printf("\nlower case count : %d \n",lower);
31    printf("\ndigit count : %d \n",digit);
32    printf("\nspecial character count : %d \n",special);
33    return 0;
34 }
```