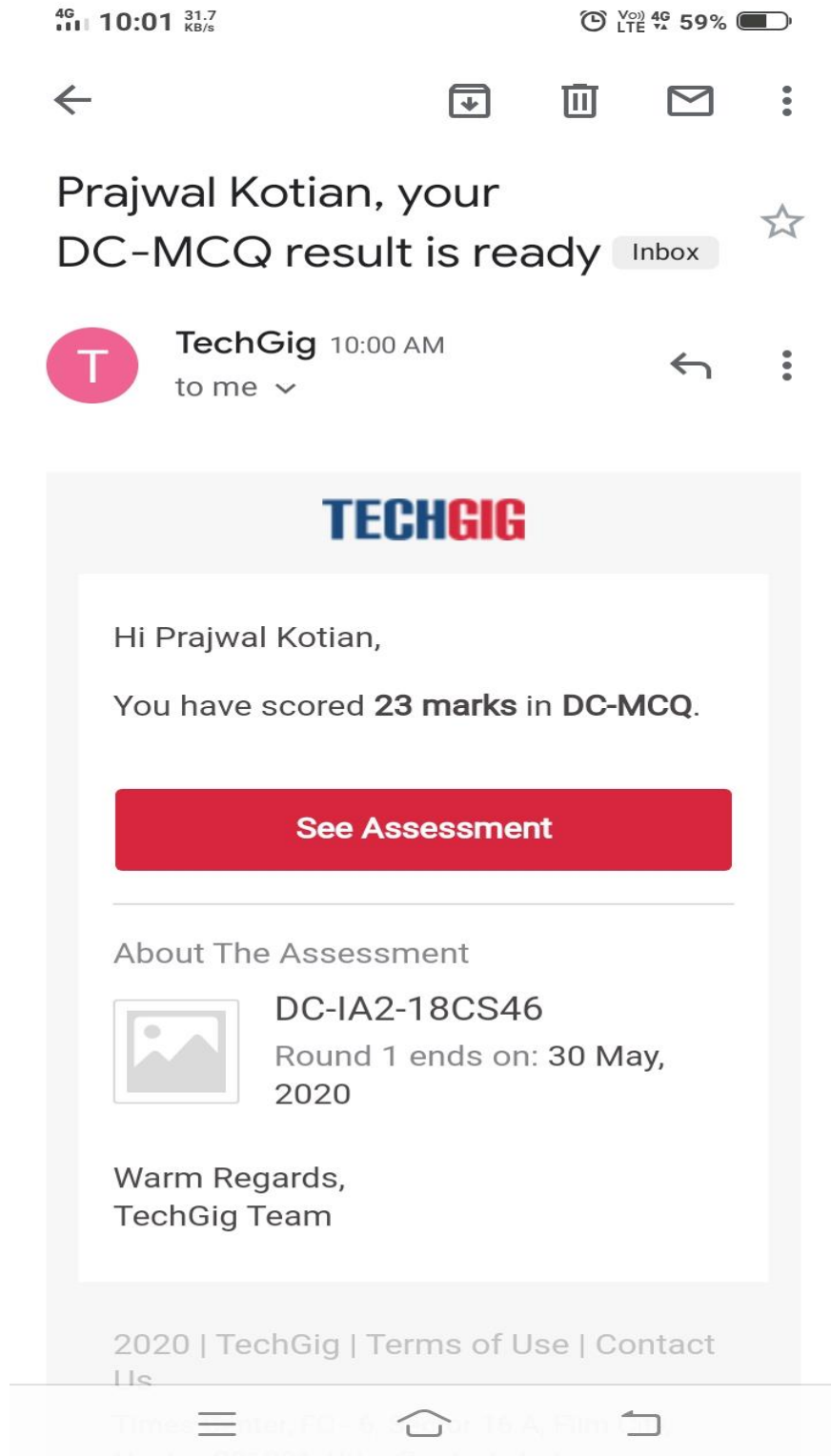


DAILY ONLINE ACTIVITIES SUMMARY

Date:	30/05/2020	Name:	Prajwal
Sem & Sec	IV sem & B sec	USN:	4AL18CS057
Online Test Summary			
Subject	Data Communication		
Max. Marks	30	Score	23
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.



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

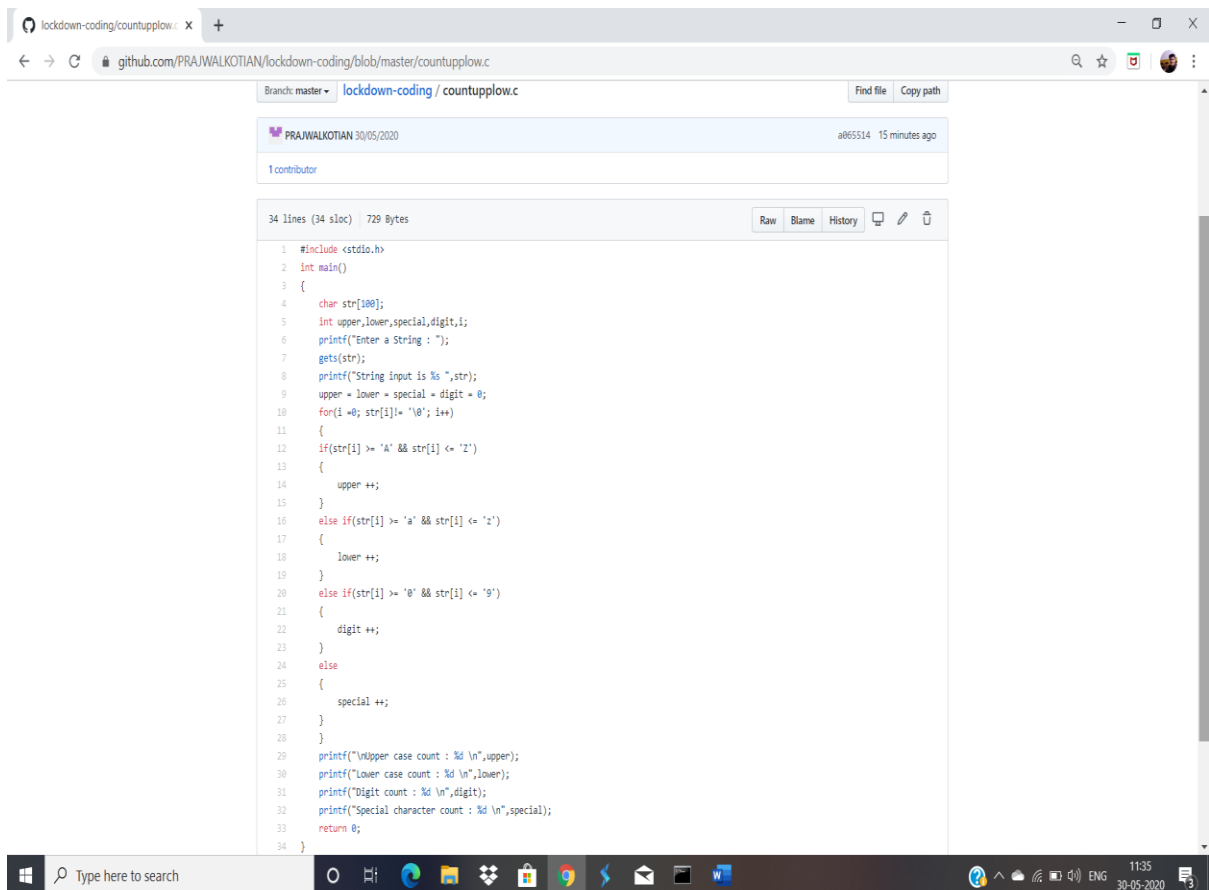
CC

“

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 shows a web browser displaying a GitHub repository page for 'lockdown-coding/countupplow.c'. The page shows the file's metadata, including the commit hash 'a065514' and the contributor 'PRAJWALKOTIAN'. The C code is displayed in a monospace font with syntax highlighting. The code defines a function to count uppercase, lowercase, digits, and special characters in a string. The main function prompts the user to enter a string and then prints the counts for each category.

```
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 }
```