

## DAILY ONLINE ACTIVITIES SUMMARY

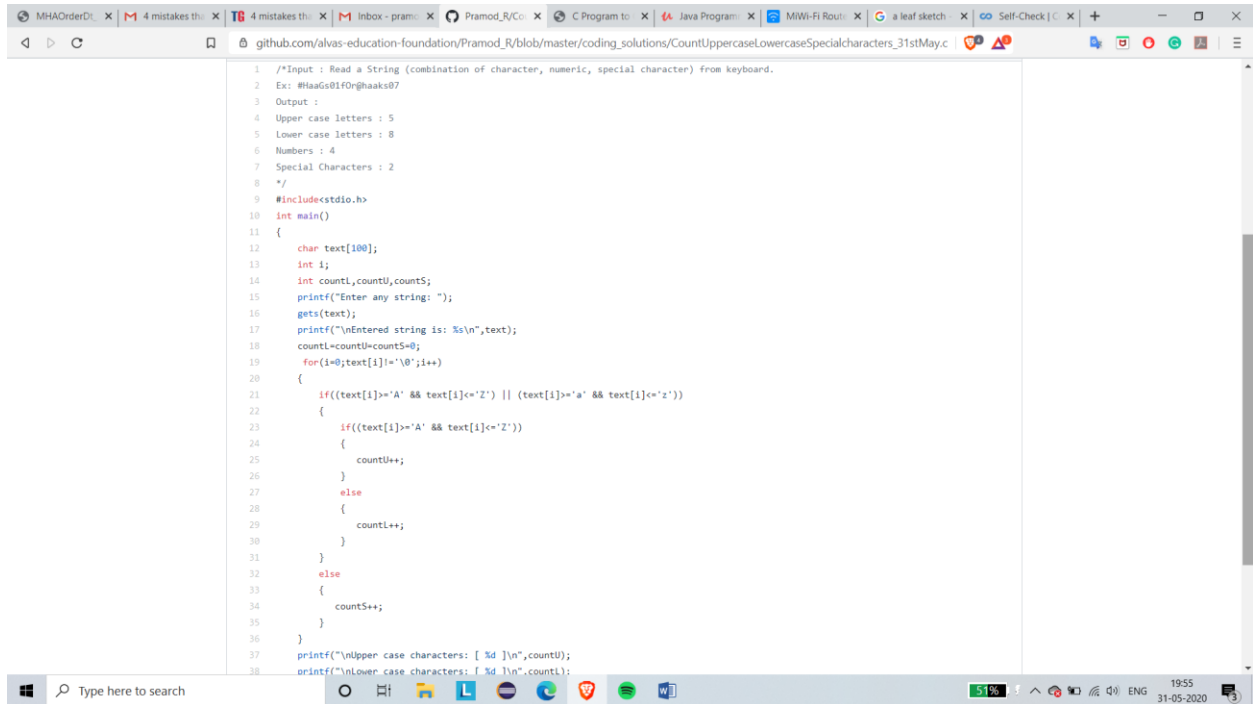
<b>Date:</b>	31/05/2020	<b>Name:</b>	Pramod R
<b>Sem &amp; Sec</b>	4 <sup>th</sup> sem B section	<b>USN:</b>	4AL18CS059
<b>Online Test Summary</b>			
<b>Subject</b>	-		
<b>Max. Marks</b>	-	<b>Score</b>	-
<b>Certification Course Summary</b>			
<b>Course</b>	Blockchain Basics		
<b>Certificate Provider</b>	Coursera	<b>Duration</b>	4 weeks
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Input : Read a String (combination of character, numeric, special character) from keyboard. Ex: #HaaGs01fOr@haaks07 Output : Upper case letters : 5 Lower case letters : 8 Numbers : 4 Special Characters : 2			
<b>Status: Completed</b>			
<b>Uploaded the report in Github</b>		<b>YES</b>	
<b>If yes Repository name</b>		<a href="https://github.com/alvas-education-foundation/Pramod_R">https://github.com/alvas-education-foundation/Pramod_R</a>	
<b>Uploaded the report in slack</b>		<b>YES</b>	

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

The screenshot shows a web browser window with multiple tabs open. The active tab is a Coursera page titled "(OPTIONAL) Resources: Public-Key Cryptography". The page is part of the "Blockchain Basics" course, specifically "Week 3". The left sidebar lists the course content: "Public-Key Cryptography" (7 min), "Reading: (OPTIONAL) Resources: Public-Key Cryptography" (12 min), "Practice Quiz: Self-Check" (3 questions), "Hashing", "Transaction Integrity", "Securing Blockchain", and "Week 3 Evaluation: Algorithms & Techniques". The main content area features a large image of Earth from space, followed by the heading "Week 3, Lesson 1 Resources: Public-Key Cryptography". Below this, a paragraph states: "The following resources were selected to provide an overview of the topic of Public-Key Cryptography. We would like to acknowledge the authors of the various web articles, videos, and papers for their insightful discussions and analytics which helped form the basis for some sections of the lessons and modules." The "Title of resource" is "What Is Public-Key Cryptography?" and the "Resource type" is "Website". The "Description" is "A look at the encryption algorithm and its security benefits". The browser's address bar shows the URL "coursera.org/learn/blockchain-basics/supplement/241IQ/optional-resources-public-key-cryptography". The Windows taskbar at the bottom shows the date "31-05-2020" and time "19:58".

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)



```
1  /*Input : Read a String (combination of character, numeric, special character) from keyboard.
2  Ex: #HaaGs01fOr@haaks07
3  Output :
4  Upper case letters : 5
5  Lower case letters : 8
6  Numbers : 4
7  Special Characters : 2
8  */
9  #include<stdio.h>
10 int main()
11 {
12     char text[100];
13     int i;
14     int countl,countU,countS;
15     printf("Enter any string: ");
16     gets(text);
17     printf("\nEnter string is: %s\n",text);
18     countl=countU=countS=0;
19     for(i=0;text[i]!='\0';i++)
20     {
21         if(((text[i]>='A' && text[i]<='Z') || (text[i]>='a' && text[i]<='z'))
22         {
23             if(((text[i]>='A' && text[i]<='Z'))
24             {
25                 countU++;
26             }
27             else
28             {
29                 countl++;
30             }
31         }
32         else
33         {
34             countS++;
35         }
36     }
37     printf("\nUpper case characters: [ %d ]\n",countU);
38     printf("\nLower case characters: [ %d ]\n",countl);
```

The question I took to code is:

Input : Read a String (combination of character, numeric, special character) from keyboard.

Ex: #HaaGs01fOr@haaks07

Output :

Upper case letters : 5

Lower case letters : 8

Numbers : 4

Special Characters : 2

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