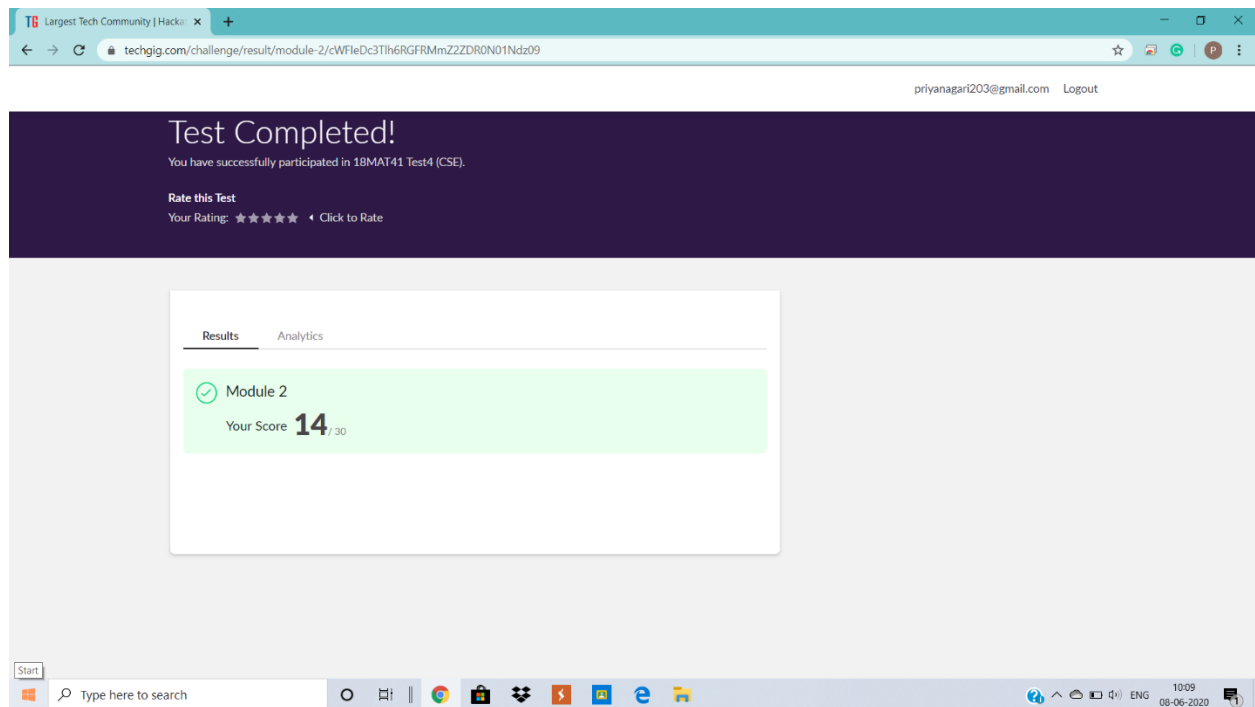


DAILY ONLINE ACTIVITIES SUMMARY

Date:	08/06/2020	Name:	Priya Nagari
Sem & Sec	Fourth SEM section B	USN:	4AL18CS063
Online Test Summary			
Subject	Complex Analysis, Statistics and Probability		
Max. Marks	30	Score	14
Certification Course Summary			
Course	The complete Android app development Masterclass: Build apps		
Certificate Provider	Udemy	Duration	29 hours
Coding Challenges			
Problem Statement 1: Write a Java Program to check whether the given matrix is magic square or not.			
Problem Statement 2: C Program to Generate All the Set Partitions of n Numbers Beginning from 1 and so on.			
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: 3rd test

Today test was on Complex Analysis Statistics and probability of 2nd module, I scored 14 out of 30.



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 learnt about some basics of SQL. There some commands in the SQL which I just tried to be familiar with those commands.

The screenshot displays a Udemy course interface for 'The Complete Android App Development Masterclass: Build Apps'. The main content area features a terminal window showing the execution of SQL commands within an Android Studio environment. The terminal output indicates the SQLite version (3.28.0) and provides instructions for using the help command. The right sidebar lists the course content, including sections like 'Track User's Behaviour', 'Finalize the Application', and 'Section 10: Database'. The bottom navigation bar includes 'Overview', 'Q&A', 'Bookmarks', and 'Announcements'. The Windows taskbar at the bottom shows the search bar and various application icons.

Online Coding Details:

Problem Statement 1: Write a Java Program to check whether the given matrix is magic square or not.

The screenshot shows a web browser displaying a GitHub repository page for 'alvas-education-foundation / Priya_Nagari'. The repository is generated from 'alvas-education-foundation/progress_template'. The file 'magicsquare.java' is selected, showing its code. The code is a Java program to check if a given matrix is a magic square or not. It includes a class 'magicsquare' with a static method 'isMagicSquare'. The code is 44 lines long (43 sloc) and 957 bytes. The commit history shows a single commit by 'priya6426' on 08/06/2020. The Windows taskbar is visible at the bottom.

```
1 //Write a Java Program to check whether the given matrix is magic square or not
2 import java.io.*;
3 class magicsquare
4 {
5     static int N = 3;
6     static boolean isMagicSquare(int mat[][])
7     {
8         int sum = 0, sum2 = 0;
9         for (int i = 0; i < N; i++)
10             sum = sum + mat[i][i];
11         for (int i = 0; i < N; i++)
12             sum2 = sum2 + mat[i][N-1-i];
13         if (sum != sum2)
14             return false;
15         for (int i = 0; i < N; i++)
16         {
17             int rowSum = 0;
18             for (int j = 0; j < N; j++)
19                 rowSum += mat[i][j];
20             if (rowSum != sum)
```

Problem Statement 2: C Program to Generate All the Set Partitions of n Numbers Beginning from 1 and so on.

The screenshot shows a web browser displaying a GitHub repository page for 'alvas-education-foundation / Priya_Nagari'. The repository is generated from 'alvas-education-foundation/progress_template'. The file 'Set_Partition.c' is selected, showing its code. The code is a C program to generate all the set partitions of n numbers beginning from 1 and so on. It includes a struct 'Set_Partition' and a function 'integerPartition'. The code is 80 lines long (80 sloc) and 1.82 KB. The commit history shows a single commit by 'priya6426' on 08/06/2020. The Windows taskbar is visible at the bottom.

```
1 //C Program to Generate All the Set Partitions of n Numbers Beginning from 1 and so on
2 #include <stdio.h>
3 #include <stdlib.h>
4 typedef struct
5 {
6     int first;
7     int n;
8     int level;
9 } Call;
10 void print(int n, int * a)
11 {
12     int i;
13     for (i = 0; i <= n; i++)
14     {
15         printf("%d", a[i]);
16     }
17     printf("\n");
18 }
19 void integerPartition(int n, int * a){
20     int first;
21     int i;
22     int sum = 0;
```