DAILY ONLINE ACTIVITIES SUMMARY

Date:	**01/06/2020**	**Name:**	**M MAHAMMAD ASIF**
Sem & Sec	**4th Sem & 'A' Sec**	**USN:**	**4AL18CS045**

Online Test Summary

Subject	**Complex Analysis, Probability And Statistical Methods(18mat41)**		
Max. Marks	**30**	**Score**	**19**

Certification Course Summary

Course	**The Complete Android App Development Masterclass:Build Apps**		
Certificate Provider	**Udemy**	**Duration**	**29 Hours**

Coding Challenges

Problem Statement: 1. Given an array arr[] of size N and an integer K. The task is to find the count of sub arrays such that each sub array has exactly K distinct elements.

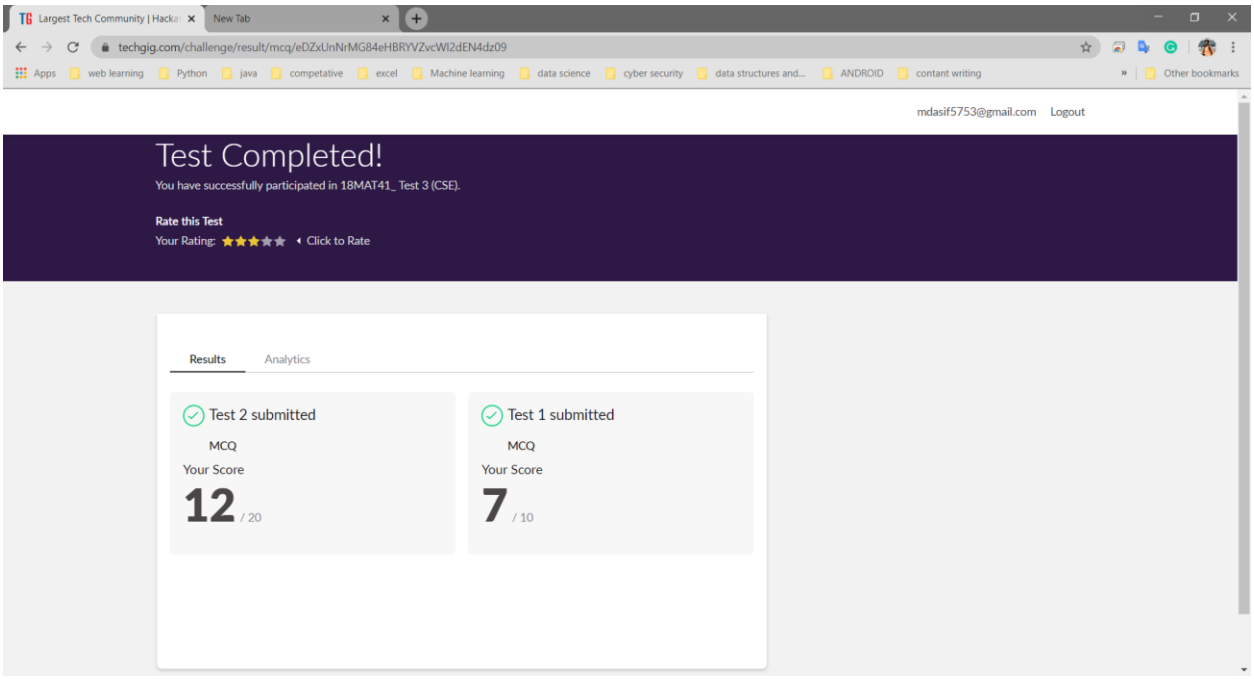
2. Define a class Point with two fields x and y each of type double. Also , define a method distance(Point p1, Point p2) to calculate the distance between points p1 and p2 and return the value in double.. Use Math.sqrt ( ) to calculate the square root.

Status: Completed

Uploaded the report in Github	**Yes**
If yes Repository name	**https://github.com/mdasif9900/Lockdown-online-coding**
Uploaded the report in slack	**Yes**

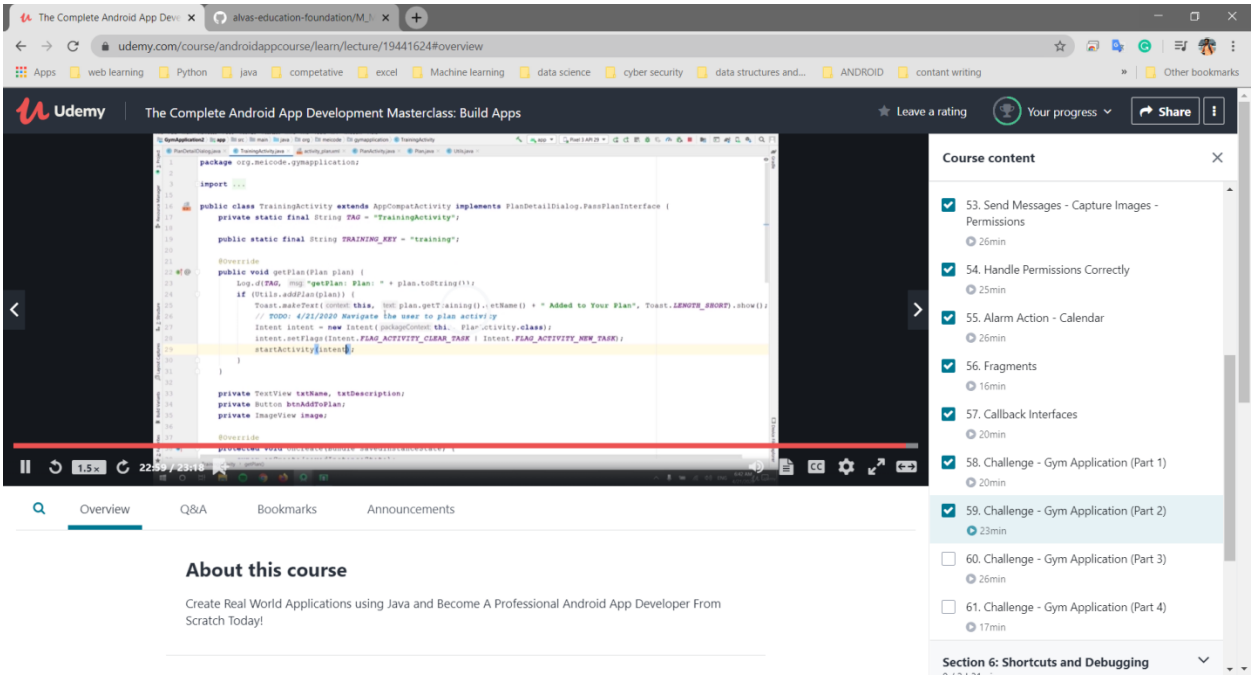
<u>Online Test Details</u>: The Mathematics 3st Internal Assessment was conducted on 5th Module. In that I had Scored 19 marks out of 30.

Snapshot:



<u>Certification Course Details</u> I have continued the the course that is "Complete Android App Development Master class: Build Apps", which is about 29 hours of Duration. In that, I had completed Next part of yesterday's topic, which was about more than an hour. Parallel to that whatever learn in course I'm practicing in Android Studio. It takes me up to 3-5 hours to practice and complete that day concept as I need to work on Android studio.

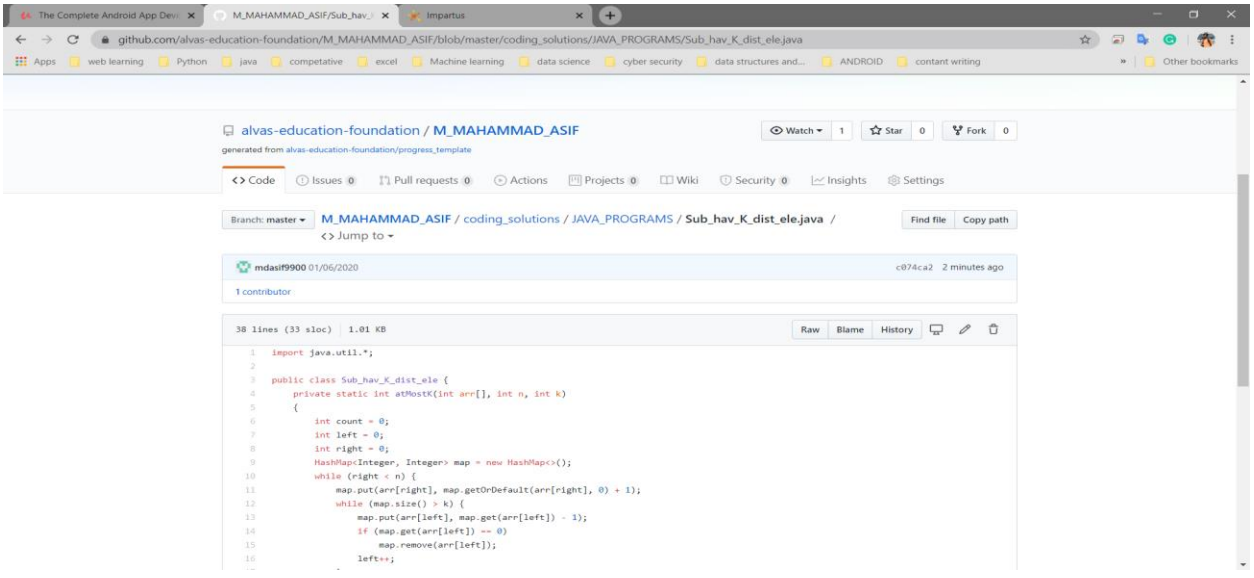
Snapshot:



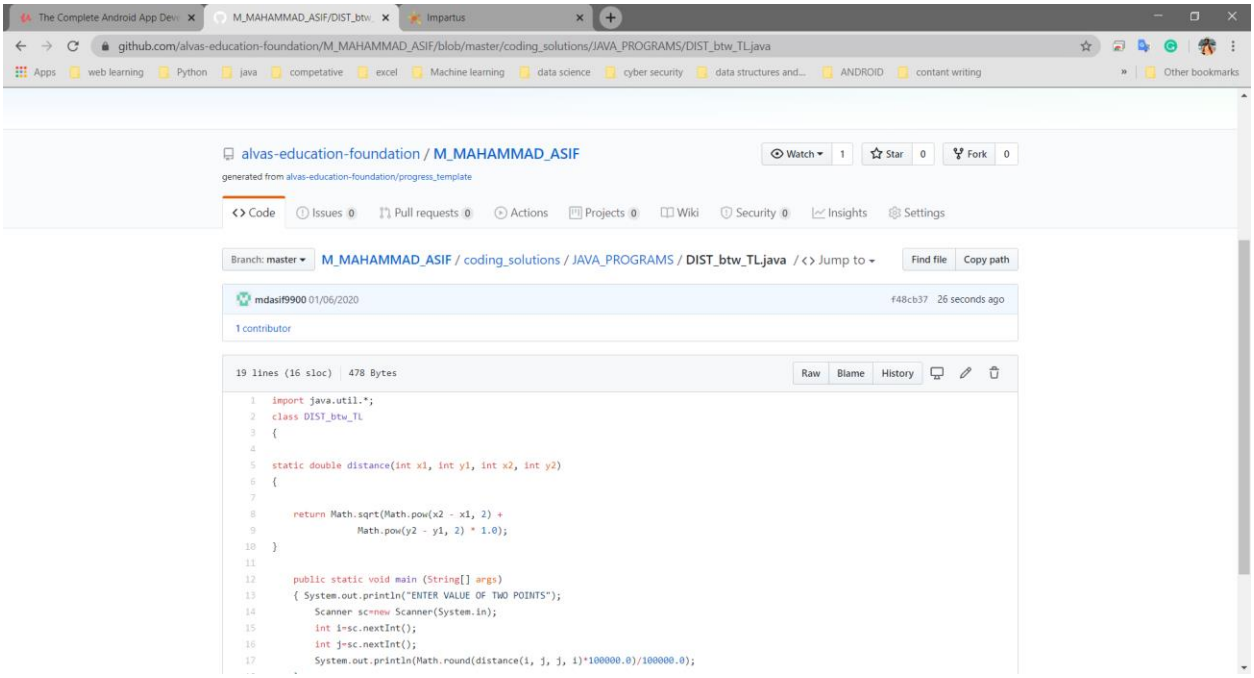
Coding Challenges Details: The Two JAVA problems I have solved By Understanding the Concepts through Online and updated the same in Github Repository. The three problem statements were

1. Given an array arr[] of size N and an integer K. The task is to find the count of sub arrays such that each sub array has exactly K distinct elements.

Snapshot:



2. Define a class Point with two fields x and y each of type double. Also , define a method distance(Point p1, Point p2) to calculate the distance between points p1 and p2 and return the value in double.. Use Math.sqrt( ) to calculate the square root.



alvas-education-foundation / M_MAHAMMAD_ASIF

generated from alvas-education-foundation/progress_template

Code | Issues 0 | Pull requests 0 | Actions | Projects 0 | Wiki | Security 0 | Insights | Settings

Branch: master ▾ M_MAHAMMAD_ASIF / coding_solutions / JAVA_PROGRAMS / DIST_btw_TL.java / Jump to ▾ Find file Copy path

mdasif9900 01/06/2020 f48cb37 26 seconds ago

1 contributor

19 lines (16 sloc) | 478 Bytes Raw Blame History

```
import java.util.*;
class DIST_btw_TL
{

static double distance(int x1, int y1, int x2, int y2)
{

    return Math.sqrt(Math.pow(x2 - x1, 2) +
                Math.pow(y2 - y1, 2) * 1.0);
}

    public static void main (String[] args)
    { System.out.println("ENTER VALUE OF TWO POINTS");
        Scanner sc=new Scanner(System.in);
        int i=sc.nextInt();
        int j=sc.nextInt();
        System.out.println(Math.round(distance(i, j, j, i)*100000.0)/100000.0);
```