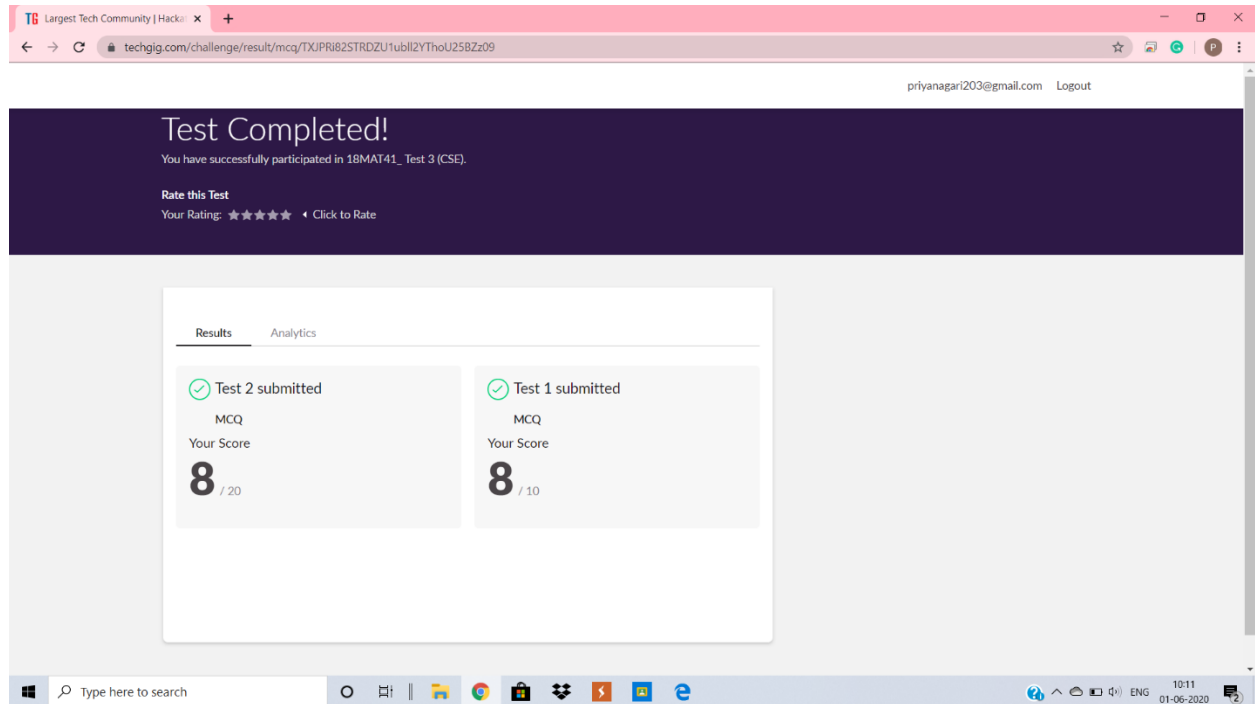


DAILY ONLINE ACTIVITIES SUMMARY

Date:	01/06/2020		Name:	Priya Nagari
Sem & Sec	Fourth SEM section B		USN:	4AL18CS063
Online Test Summary				
Subject	Complex Analysis, Probability and Statistical methods.			
Max. Marks	30	Score	16	
Certification Course Summary				
Course	The complete Android app development Masterclass: Build apps			
Certificate Provider	Udemy	Duration	29 hours	
Coding Challenges				
<ol style="list-style-type: none"> 1. Given an array arr[] of size N and an integer K. The task is to find the count of subarrays such that each subarray 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:				
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

Test was about Complex Analysis, Probability and Statistical methods. The Portion for the IA was the 5th module.



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 some basic concepts regarding networking in android.

The Complete Android App Development Masterclass: Build Apps

```
package org.meicode.newsreader;

import androidx.appcompat.app.AppCompatActivity;
import androidx.recyclerview.widget.LinearLayoutManager;
import androidx.recyclerview.widget.RecyclerView;
import androidx.appcompat.widget.Toolbar;
import android.os.Bundle;
import android.view.View;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {
    private static final String TAG = "MainActivity";

    private ArrayList<NewsItem> news;
    private RecyclerView recyclerView;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        news = new ArrayList<>();
        recyclerView = findViewById(R.id.recyclerView);

        private class ViewHolder extends AsyncTask<Void, Void, Void> {
            // ...
        }
    }
}
```

Course content

- 68. Work Manager (23min)
- Section 8: Networking in Android (3 / 7 | 2hr 28min)
- 69. Create a News Reader Application - Part 1 (19min)
- 70. Create a News Reader Application - Part 2 (21min)
- 71. Create a News Reader Application - Part 3 (11min)
- 72. Networking with Volley (20min)
- 73. Retrofit Basics - Part 1 (22min)
- 74. Retrofit Basics - Part 2 (14min)
- 75. Create a RESTful API with Spring Framework (41min)
- Section 9: Second Sample Application (1 / 14 | 4hr 58min)

About this course

Create Real World Applications using Java and Become A Professional Android App Developer From Scratch Today!

Online Coding Details:

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

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priya6426 01/06/2020 dd62bcc 1 hour ago

1 contributor

71 lines (57 sloc) 2.22 KB Raw Blame History

```
1 //Given an array arr[] of size N and an integer K. The task is to find the count of subarrays such that each subarray has exactly K distinct
2 import java.util.*;
3
4 public class CountOfSub_Arr {
5
6     // Function to return the count of subarrays
7     // with at most K distinct elements using
8     // the sliding window technique
9     private static int atMostK(int arr[], int n, int k)
10    {
11
12        // To store the result
13        int count = 0;
14
15        // Left boundary of window
16        int left = 0;
17
18        // Right boundary of window
19        int right = 0;
20
21        // Map to keep track of number of distinct
```

Problem Statement 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.

Priya_Nagari/CountOfSub_Arr.ja...Priya_Nagari/Distance.java at m...+github.com/alvas-education-foundation/Priya_Nagari/blob/master/coding_solutions/JAVA_PROGRAMS/Distance.java

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priyaa6426 01/06/2020 d862bcc 1 hour ago

1 contributor

42 lines (27 sloc) 780 Bytes

RawBlameHistory

```
1
2 import java.util.Scanner;
3 class CalDis
4 {
5     double dis;
6
7     CalDis(int x1,int y1,int x2,int y2)
8     {
9         dis=(Math.sqrt((x2-x1)*(x2-x1) + (y2-y1)*(y2-y1)));
10    }
11 }
12 class Distance
13 {
14     public static void main(String args[])
15     {
16         int x1,x2,y1,y2;
17
18         Scanner sc=new Scanner(System.in);
19
20         System.out.println("Enter x1 no(int):");
21
```

Type here to search

1839 01-06-2020