

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	08/06/2020	Name:	Pramod R
Sem & Sec	4 <sup>th</sup> sem B section	USN:	4AL18CS059
<b>Online Test Summary</b>			
Subject	COMPLEX ANALYSIS, PROBABILITY AND STATISTICAL METHODS		
Max. Marks	30	Score	20
<b>Certification Course Summary</b>			
Course	Blockchain Basics		
Certificate Provider	Coursera	Duration	4 weeks
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Write a Java Program to find the second-highest number in an array.			
<b>Status:</b> Completed			
Uploaded the report in Github		YES	
If yes Repository name		<a href="https://github.com/alvas-education-foundation/Pramod_R">https://github.com/alvas-education-foundation/Pramod_R</a>	
Uploaded the report in slack		YES	

## Online Test Details: (Attach the snapshot and briefly write the report for the same)

The screenshot displays the TechGig 18MAT41 Test4 (CSE) interface. At the top, the header includes the TechGig logo and the test title. Below the header, the main content area is divided into two columns. The left column shows 'Module 2' with a warning icon and the text 'Max Attempts Reached'. Below this, it indicates 'Your Highest Score: 20' and 'Max Score: 30'. The right column contains a 'Summary' box with the following details:

Summary	
Skills	Conformal Transformation And Complex Integral
Ends On	08 Jun

Below the 'Module 2' section, there are tabs for 'Details', 'FAQs', and 'My Submission'. The 'Details' tab is selected, showing the test title '18MAT41 Test4 (CSE)' and a section titled 'Rules' with the following list:

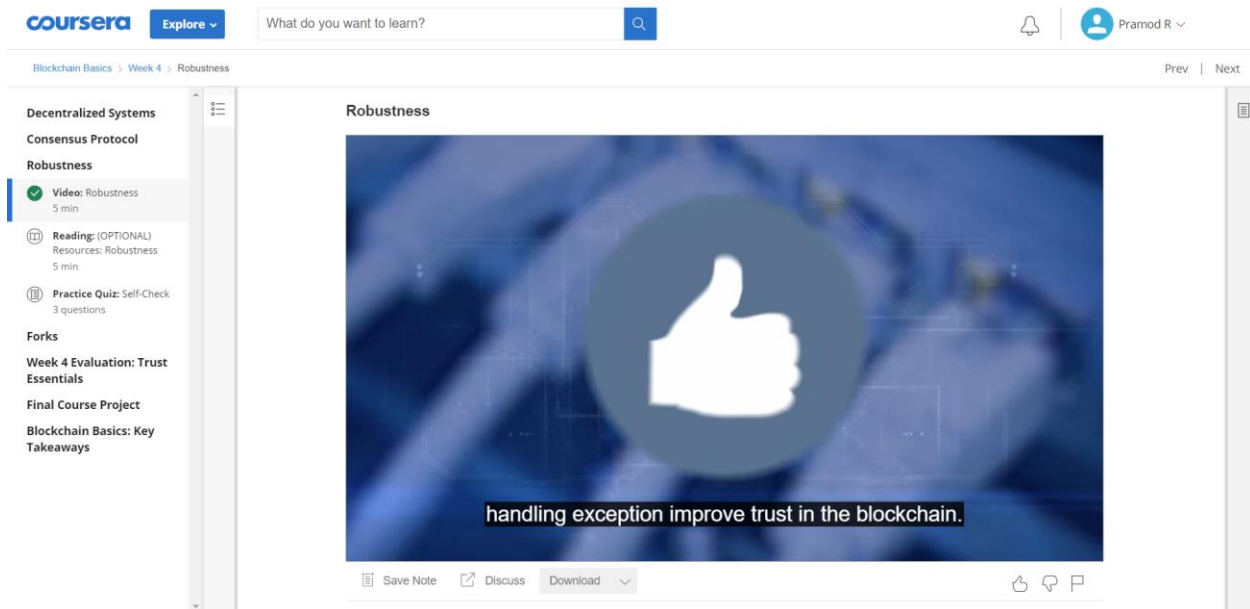
1. Any participant can attempt the assessment only 1 times, Only your best score counts!!
2. There will be no negative marking.
3. Time duration is 40 minutes.
4. In case your session expires before finishing the test, you can re-take the test. Your test will resume from where you left off, and the total time will reduce by the duration of your previous attempt.
5. Winners of the assessment will be chosen solely on the discretion. Please ensure to update your profile and contact details.

The bottom of the screenshot shows a Windows taskbar with various application icons and a system tray indicating 99% battery, 10:03 AM, and the date 08-06-2020.

**COMPLEX ANALYSIS, PROBABILITY AND STATISTICAL METHODS** internals was conducted. A total of 15 questions were there in which all the 15 of them were Multiple Choice Questions.

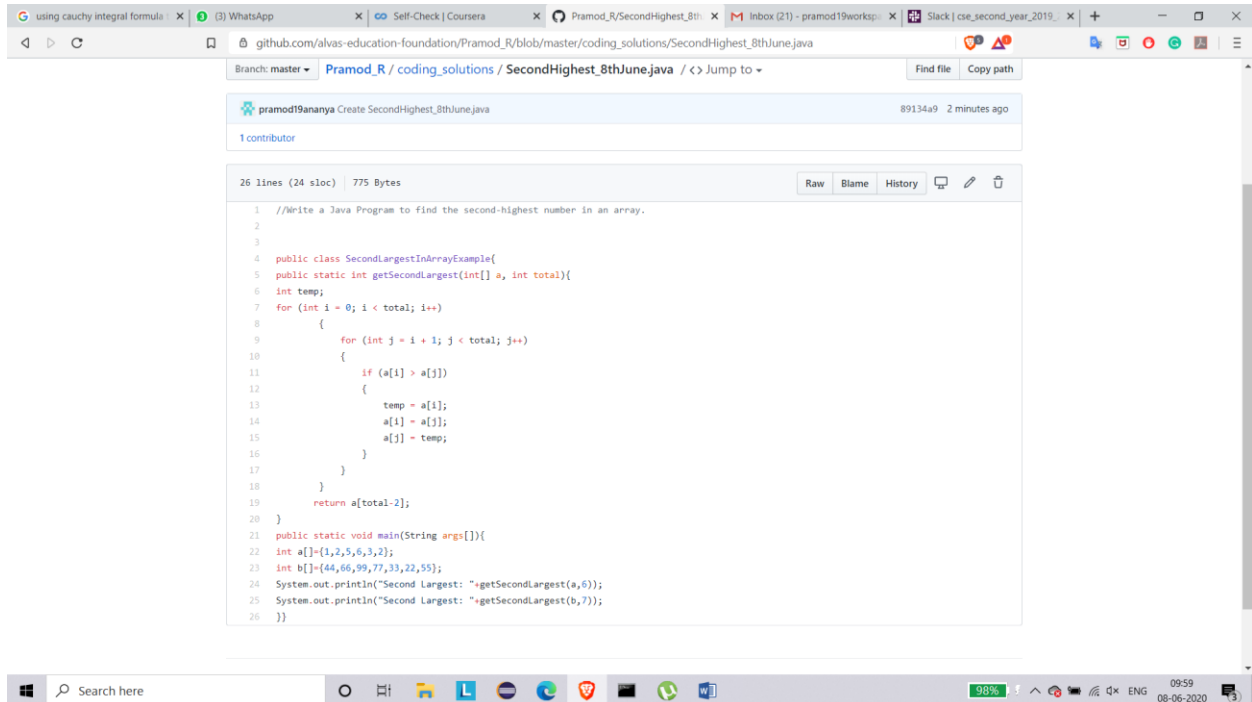
The above snapshot is the result sheet which was mailed to us by the Techgig team

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



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)



The screenshot shows a web browser displaying a GitHub repository page for a Java program. The browser's address bar shows the URL: `github.com/alvas-education-foundation/Pramod_R/blob/master/coding_solutions/SecondHighest_8thJune.java`. The repository name is `Pramod_R / coding_solutions / SecondHighest_8thJune.java`. The file is 26 lines (24 sloc) and 775 Bytes. The code is a Java program that finds the second-highest number in an array. The code is as follows:

```
1 //Write a Java Program to find the second-highest number in an array.
2
3
4 public class SecondLargestInArrayExample{
5     public static int getSecondLargest(int[] a, int total){
6         int temp;
7         for (int i = 0; i < total; i++)
8             {
9                 for (int j = i + 1; j < total; j++)
10                    {
11                        if (a[i] > a[j])
12                        {
13                            temp = a[i];
14                            a[i] = a[j];
15                            a[j] = temp;
16                        }
17                    }
18            }
19            return a[total-2];
20        }
21    public static void main(String args[]){
22        int a[]={1,2,5,6,3,2};
23        int b[]={44,66,99,77,33,22,55};
24        System.out.println("Second Largest: "+getSecondLargest(a,6));
25        System.out.println("Second Largest: "+getSecondLargest(b,7));
26    }
```

The question I took to code is:

Write a Java Program to find the second-highest number in an array.

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