DAILY ONLINE ACTIVITIES SUMMARY

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

Online Test Summary

Subject	**1.Data Communication (18CS46)**		
Max. Marks	**30**	**Score**	**27**

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 A of size N containing 0s, 1s, and 2s; you need to sort the array in ascending order.

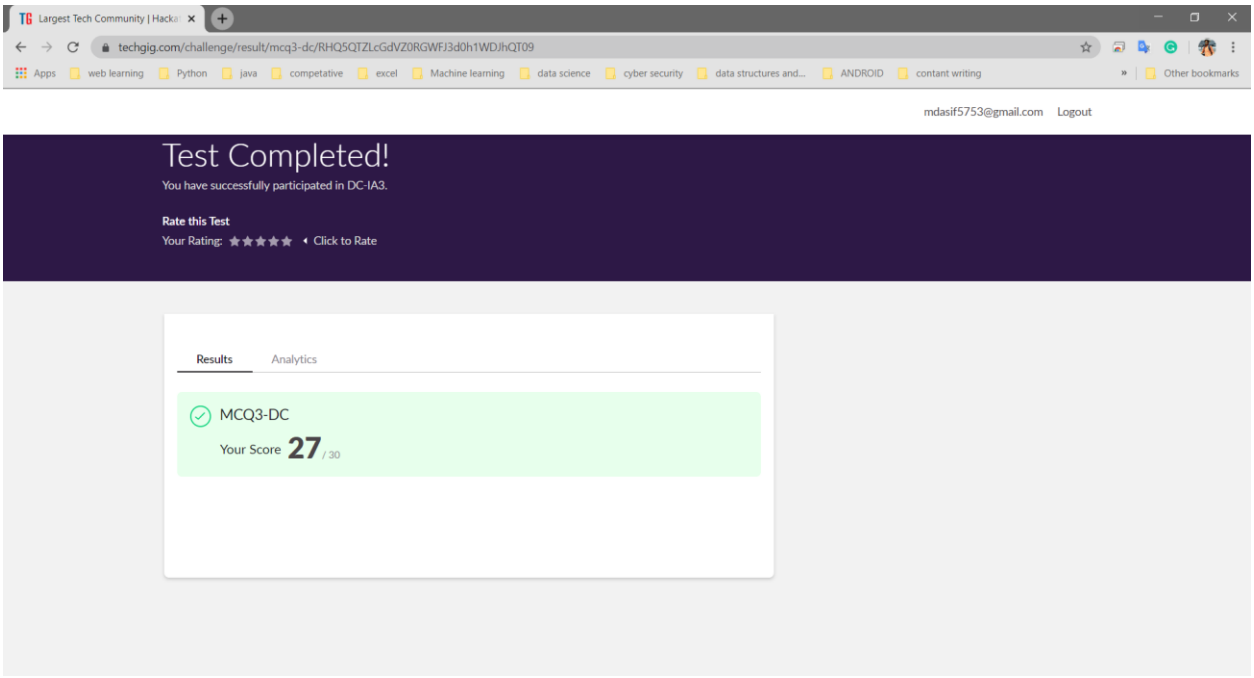
2. Java Program to find the second-highest number in an array.

Status: Completed

Uploaded the report in Github	**Yes**
If yes Repository name	**https://github.com/alvas-education-foundation/M_MAHAMMAD_ASIF**
Uploaded the report in slack	**Yes**

Online Test Details: The Data Communication (18CS46) 3rd Internal Assessment was conducted on 5th Module. In that I had Scored 27 marks out of 30.

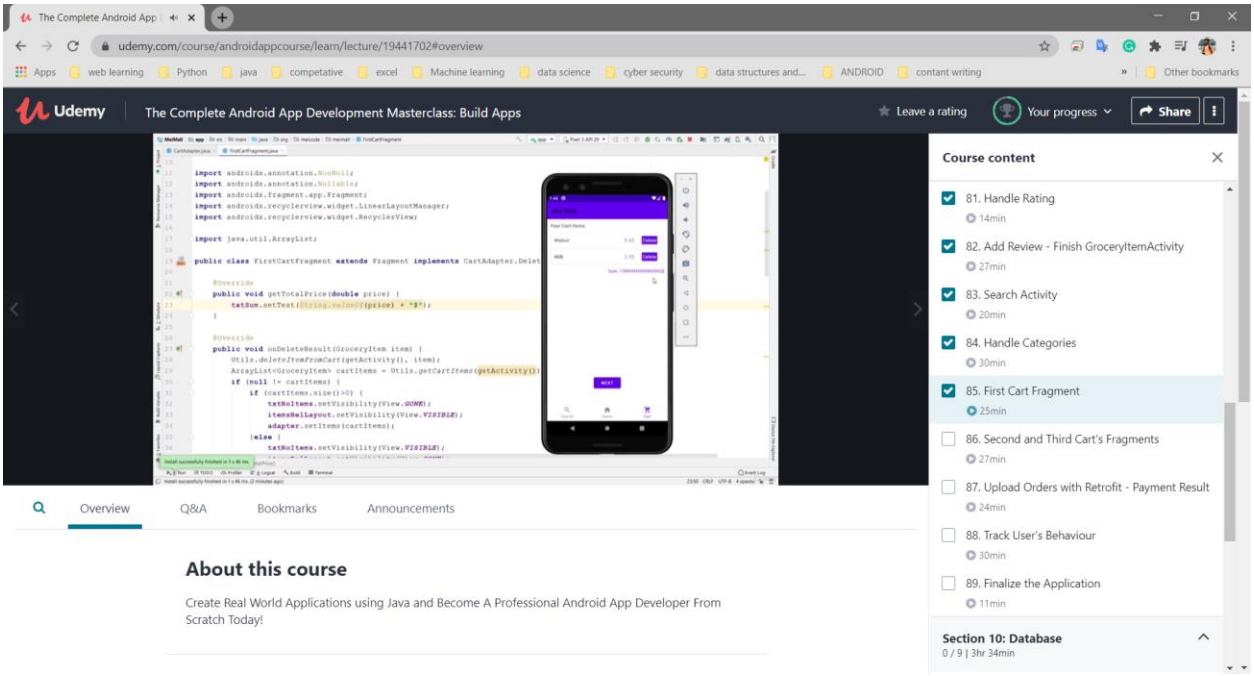
Snapshot:



<u>Certification Course Details</u>: I have continued the course that is "Complete Android App Development Masterclass: 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 1 hour. Parallel to that whatever learns in course I'm practicing in Android Studio. And overall it takes 3-5 hours of duration to complete that day's certification course concepts.

In additional to this daily I'm doing some other online courses aswell, as a proof I uploaded the Certificates in my other repository named "Completed course certificates."

Snapshot:



Above is the snapshot of Android development course.

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

1. Given an array A of size N containing 0s, 1s, and 2s; you need to sort the array in ascending order.

Input:
The first line contains an integer 'T' denoting the total number of test cases. Then T test cases follow. Each test cases contains two lines of input. The first line denotes the size of the array N. The second lines contains the elements of the array A separated by spaces.

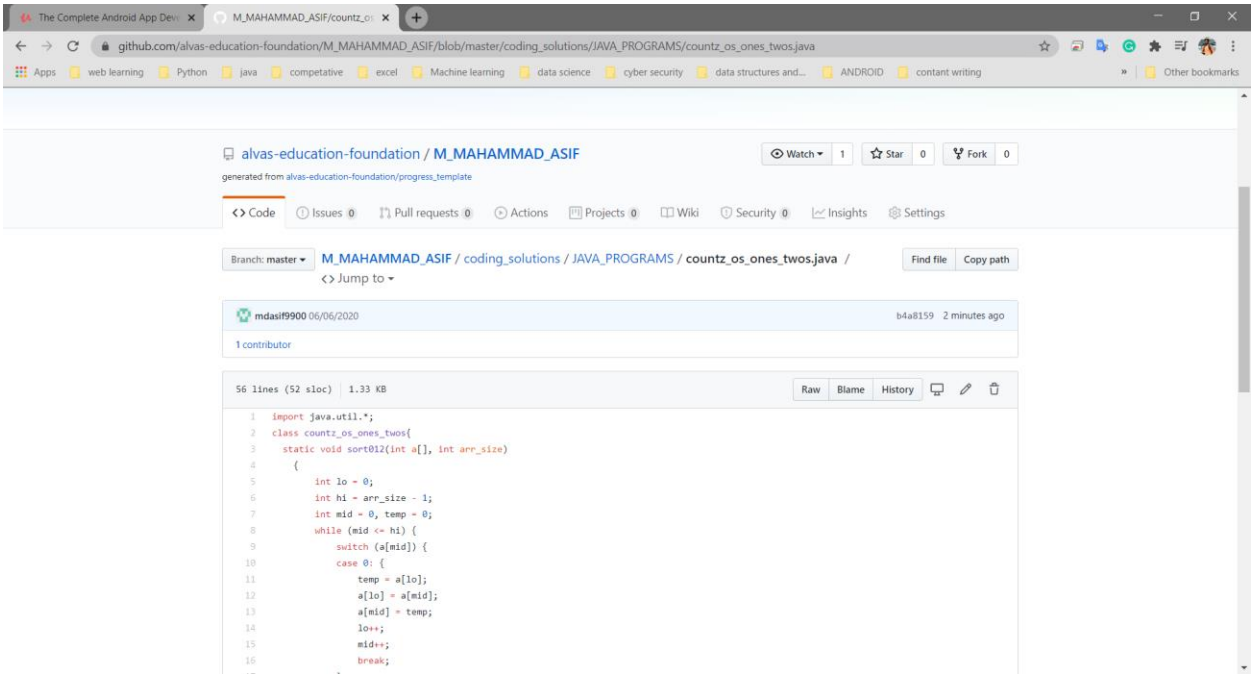
Output:
For each test case, print the sorted array.

Constraints:
1 <= T <= 500
1 <= N <= 106
0 <= Ai <= 2

Example:
Input :
2
5
0 2 1 2 0
3
0 1 0

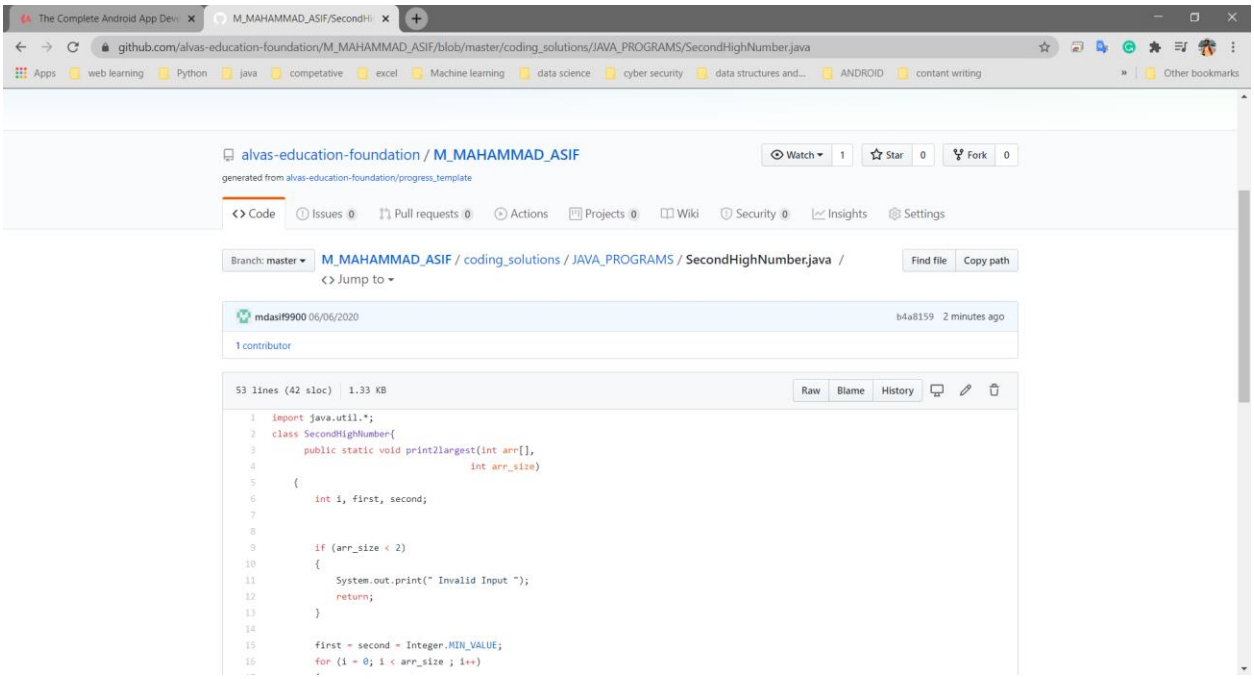
Output:
0 0 1 2 2
0 0 1

Snapshot:



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

Snapshot:



Above is the java implementation of finding second highest number in an given array.