DAILY ONLINE ACTIVITIES SUMMARY

Date:	**04/06/2020**	**Name:**	**Pramod R**
Sem & Sec	**4th sem B section**	**USN:**	**4AL18CS059**

Online Test Summary

Subject	**Microcontroller and Embedded Systems**		
Max. Marks	**20**	**Score**	**16**

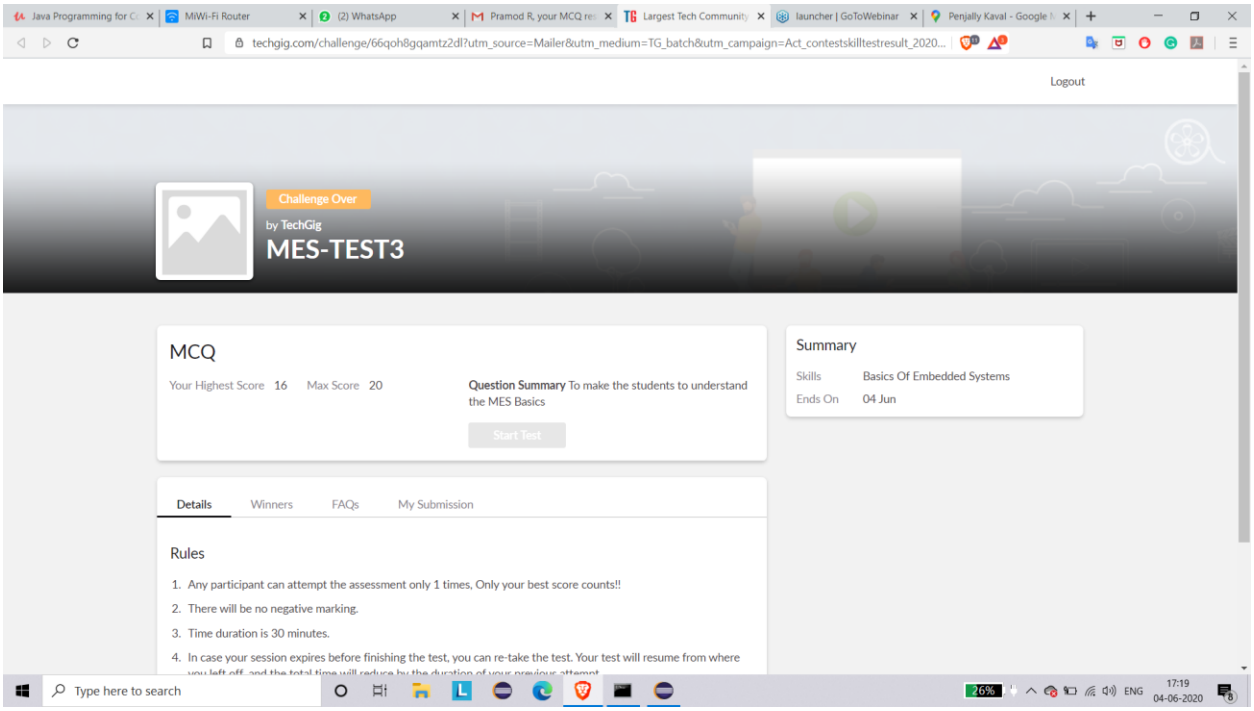
Certification Course Summary

Course	**Blockchain Basics**		
Certificate Provider	**Coursera**	**Duration**	**4 weeks**

Coding Challenges

Problem Statement: Write a C++ program to find the missing number in array	
Status: Completed	
Uploaded the report in Github	**YES**
If yes Repository name	https://github.com/alvas-education-foundation/Pramod_R
Uploaded the report in slack	**YES**

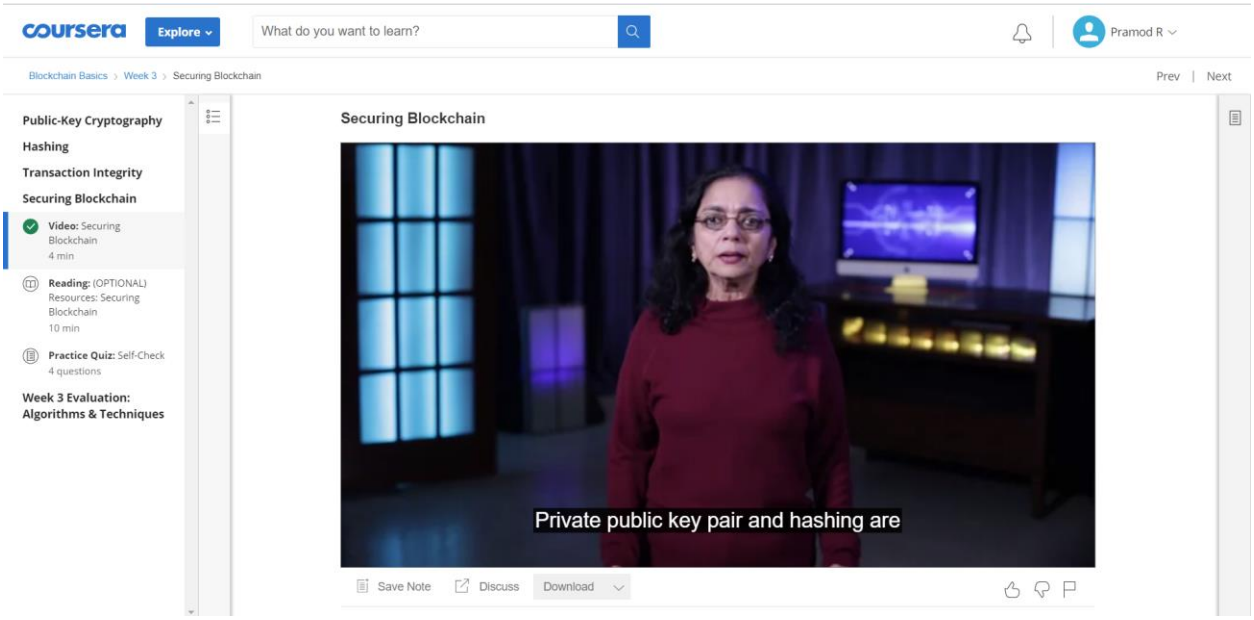
Online Test Details: (Attach the snapshot and briefly write the report for the same)



MicroController and Embeded Systems internals was conducted. A total of 20 questions were there in which all the 20 of them were Multiple Choice Questions.

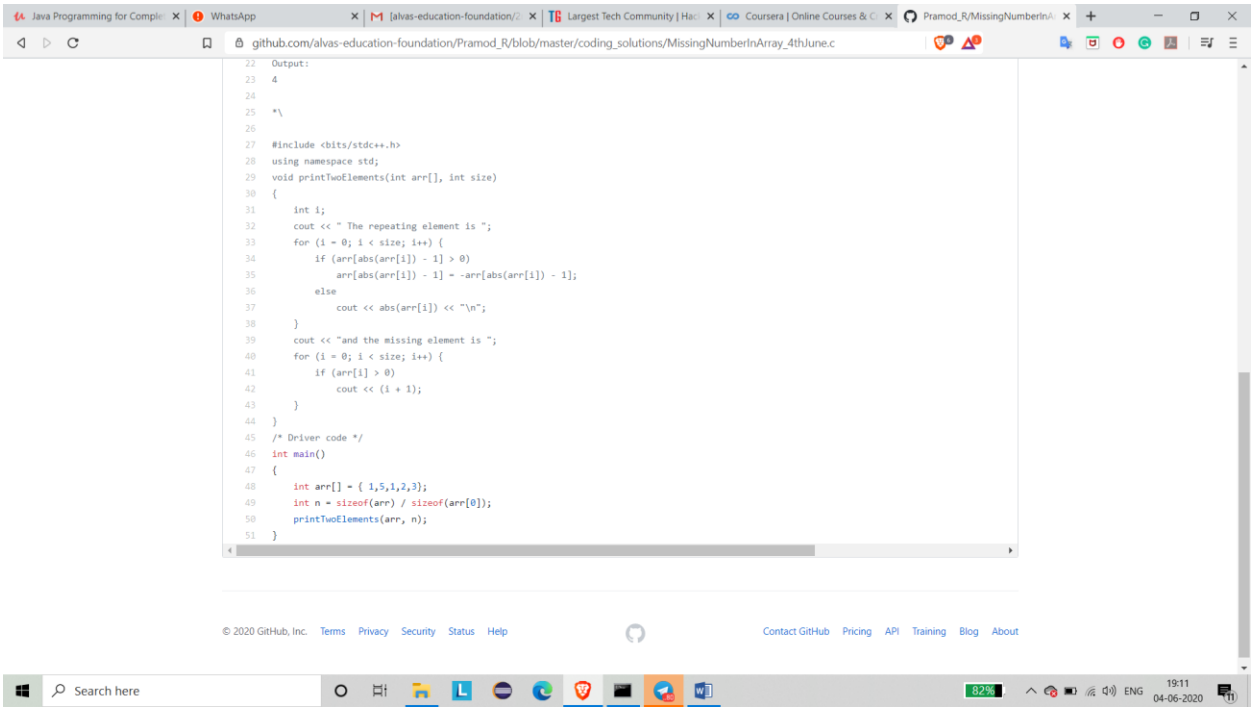
The above snapshot is the result sheet which was mailed to us by the Techgig team

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 question I took to code is:

Given an array C of size N-1 and given that there are numbers from 1 to N with one element missing, the missing number is to be found.

Input:

The first line of input contains an integer T denoting the number of test cases. For each test case first line contains N(size of array). The subsequent line contains N-1 array elements.

Output:

Print the missing number in array.

Constraints:

$1 \leq T \leq 200$

$1 \leq N \leq 107$

$1 \leq C[i] \leq 107$

Example:

Input:

1

5

1 2 3 5

Output:

4

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