DAILY ONLINE ACTIVITIES SUMMARY

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

Online Test Summary

Subject	**Data Communication**		
Max. Marks	**30**	**Score**	**26**

Certification Course Summary

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

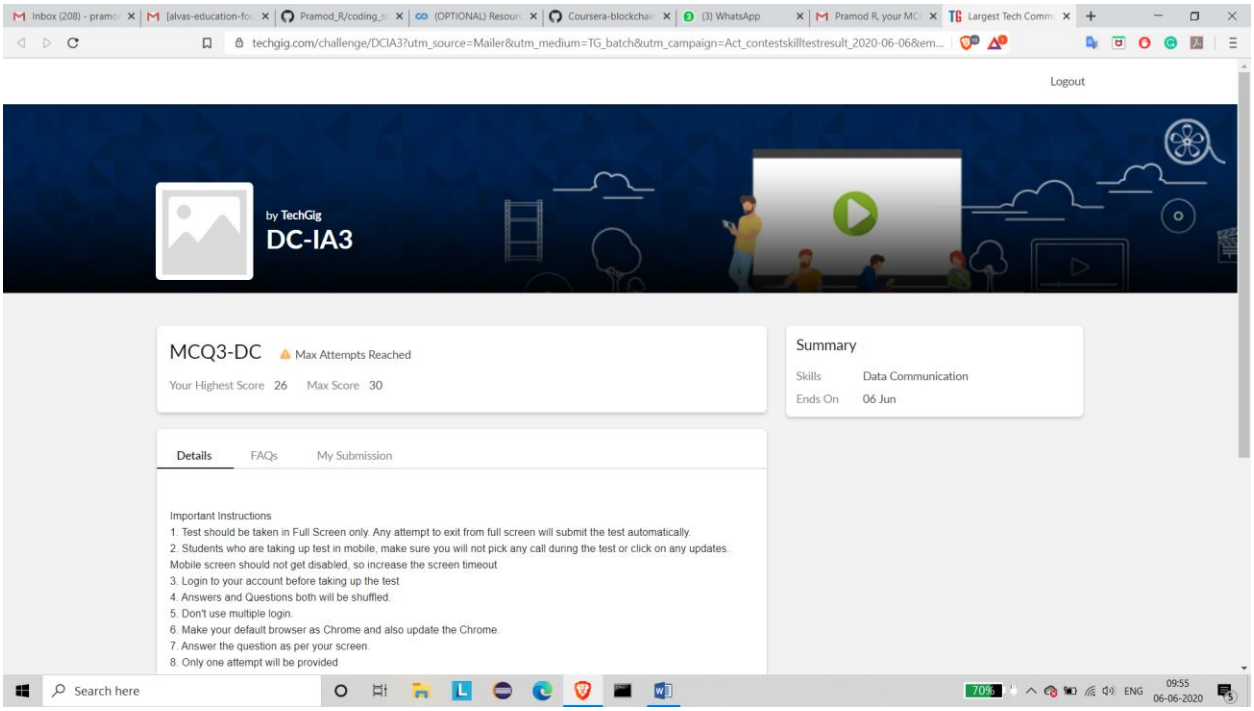
Coding Challenges

Problem Statement: Write a program in C to rotate an array by N positions

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**

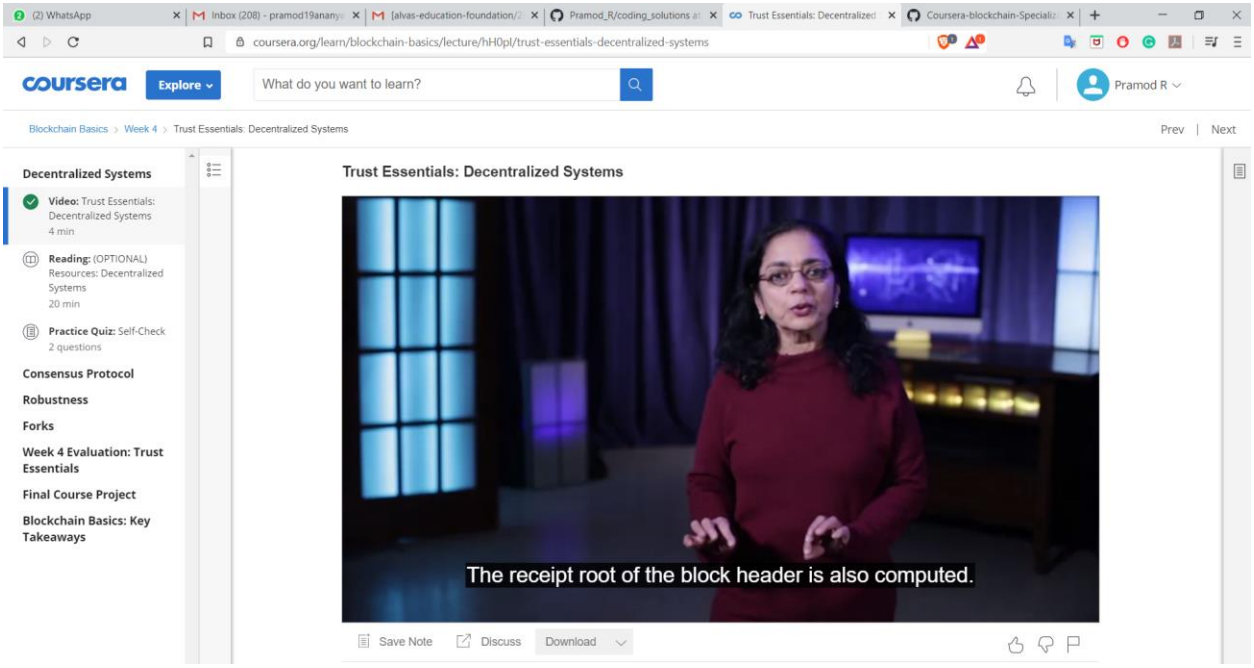
Online Test Details: (Attach the snapshot and briefly write the report for the same)



Data Communication internals was conducted. A total of 30 questions were there in which all the 30 of them were Multiple Choice Questions.

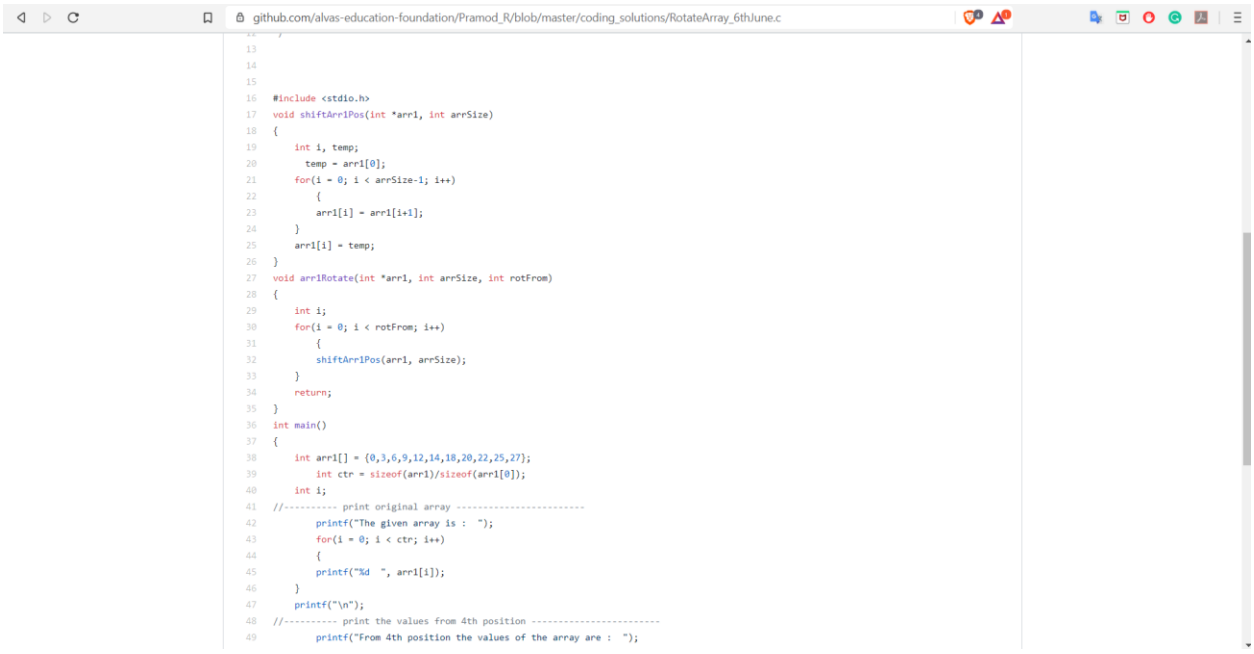
The above snapshot is the result sheet which was mailed to us by the Techgig team

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)




```c
#include <stdio.h>
void shiftArr1Pos(int *arr1, int arrSize)
{
    int i, temp;
      temp = arr1[0];
    for(i = 0; i < arrSize-1; i++)
        {
        arr1[i] = arr1[i+1];
    }
    arr1[i] = temp;
}
void arr1Rotate(int *arr1, int arrSize, int rotFrom)
{
    int i;
    for(i = 0; i < rotFrom; i++)
        {
        shiftArr1Pos(arr1, arrSize);
    }
    return;
}
int main()
{
    int arr1[] = {0,3,6,9,12,14,18,20,22,25,27};
        int ctr = sizeof(arr1)/sizeof(arr1[0]);
    int i;
//---------- print original array ----------------------
        printf("The given array is :  ");
        for(i = 0; i < ctr; i++)
        {
        printf("%d  ", arr1[i]);
    }
    printf("\n");
//---------- print the values from 4th position ----------------------
        printf("From 4th position the values of the array are :  ");
```

The question I took to code is:

Expected Output :

The given array is : 0 3 6 9 12 14 18 20 22 25 27

Enter the Position N from where you want to rotate: 4

From 4th position the values of the array are : 12 14 18 20 22 25 27

Before 4th position the values of the array are : 0 3 6 9

After rotating from 4th position the array is:

12 14 18 20 22 25 27 0 3 6 9

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