

## DAILY ONLINE ACTIVITIES SUMMARY

Date:	06/06/2020	Name:	Pramod R
Sem & Sec	4 <sup>th</sup> sem B section	USN:	4AL18CS059
<b>Online Test Summary</b>			
Subject	Data Communication		
Max. Marks	30	Score	26
<b>Certification Course Summary</b>			
Course	Blockchain Basics		
Certificate Provider	Coursera	Duration	4 weeks
<b>Coding Challenges</b>			
<b>Problem Statement:</b> Write a program in C to rotate an array by N positions			
<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 shows a web browser window with multiple tabs open. The active tab is a TechGig challenge page for 'MCQ3-DC'. The page header includes a 'Logout' link. The main banner features the TechGig logo and the challenge name 'DC-IA3'. Below the banner, there are two summary boxes: one for 'MCQ3-DC' showing 'Max Attempts Reached' and 'Your Highest Score 26 / Max Score 30', and another for 'Summary' showing 'Skills: Data Communication' and 'Ends On: 06 Jun'. A 'Details' tab is selected, displaying 'Important Instructions' for the test. The Windows taskbar at the bottom shows the date as 06-06-2020 and the time as 09:55.

Logout

by TechGig  
**DC-IA3**

**MCQ3-DC** 🚩 Max Attempts Reached  
Your Highest Score 26 / Max Score 30

**Summary**  
Skills: Data Communication  
Ends On: 06 Jun

**Details** | FAQs | My Submission

**Important Instructions**

1. Test should be taken in Full Screen only. Any attempt to exit from full screen will submit the test automatically.
2. Students who are taking up test in mobile, make sure you will not pick any call during the test or click on any updates. Mobile screen should not get disabled, so increase the screen timeout.
3. Login to your account before taking up the test.
4. Answers and Questions both will be shuffled.
5. Don't use multiple login.
6. Make your default browser as Chrome and also update the Chrome.
7. Answer the question as per your screen.
8. Only one attempt will be provided.

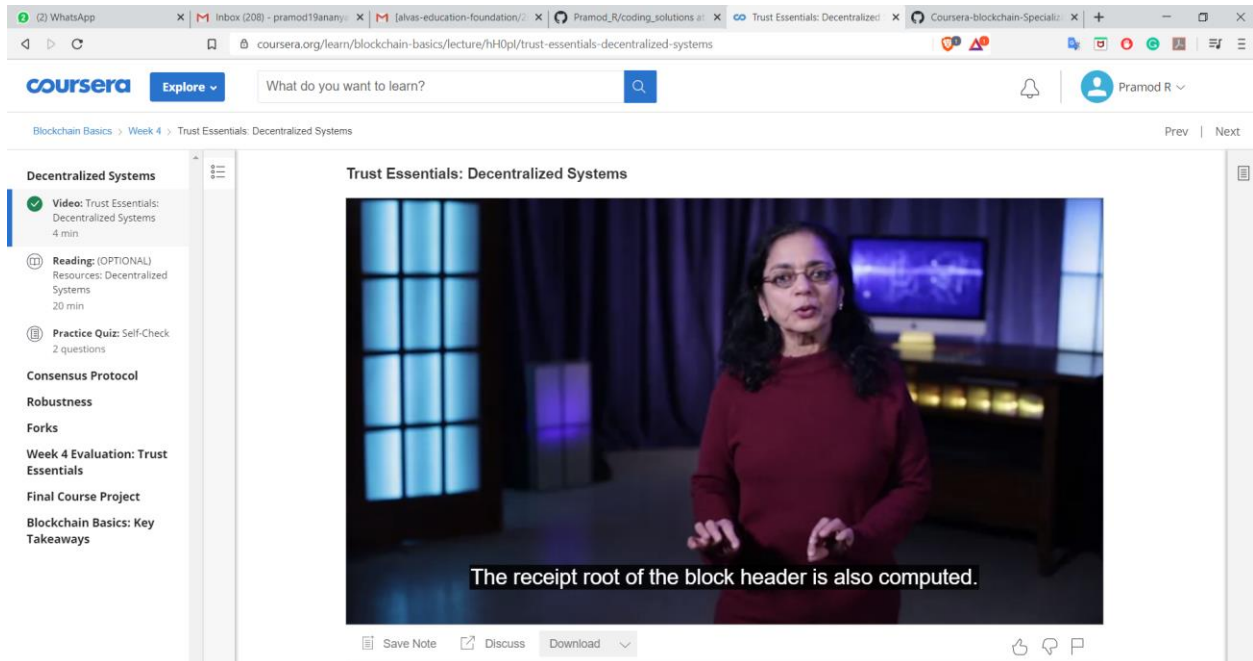
Search here

70% 09:55 06-06-2020

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

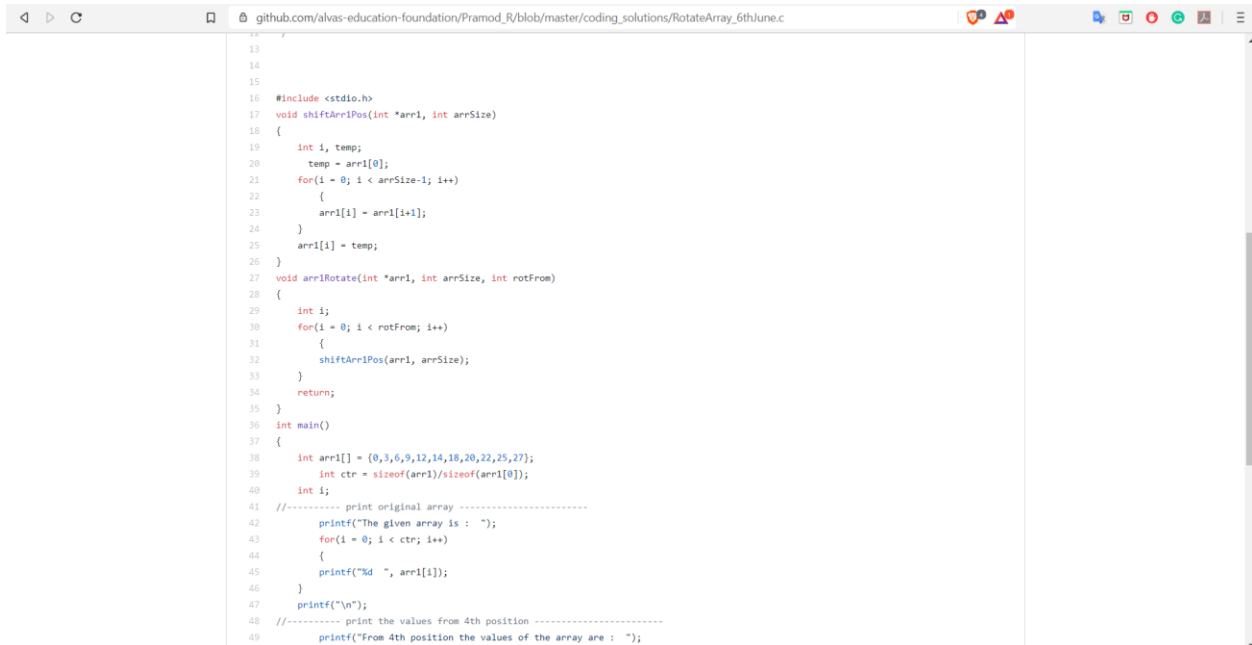
The above snapshot is the result sheet which was mailed to us by the Techgig team

## 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)

A screenshot of a web browser displaying a GitHub repository. The browser's address bar shows the URL: github.com/alvas-education-foundation/Pranod\_RV/blob/master/coding\_solutions/RotateArray\_6thJune.c. The code is written in C and is displayed in a dark-themed editor. The code includes a function to shift array elements to the right by one position and a function to rotate the array from a specified position. The main function initializes an array with the values {0, 3, 6, 9, 12, 14, 18, 20, 22, 25, 27} and prints the original array. It then rotates the array from the 4th position (index 4) and prints the resulting array.

```
13  
14  
15  
16 #include <stdio.h>  
17 void shiftArrPos(int *arr1, int arrSize)  
18 {  
19     int i, temp;  
20     temp = arr1[0];  
21     for(i = 0; i < arrSize-1; i++)  
22     {  
23         arr1[i] = arr1[i+1];  
24     }  
25     arr1[i] = temp;  
26 }  
27 void arr1Rotate(int *arr1, int arrSize, int rotFrom)  
28 {  
29     int i;  
30     for(i = 0; i < rotFrom; i++)  
31     {  
32         shiftArrPos(arr1, arrSize);  
33     }  
34     return;  
35 }  
36 int main()  
37 {  
38     int arr1[] = {0,3,6,9,12,14,18,20,22,25,27};  
39     int ctr = sizeof(arr1)/sizeof(arr1[0]);  
40     int i;  
41     //----- print original array -----  
42     printf("The given array is : ");  
43     for(i = 0; i < ctr; i++)  
44     {  
45         printf("%d ", arr1[i]);  
46     }  
47     printf("\n");  
48     //----- print the values from 4th position -----  
49     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