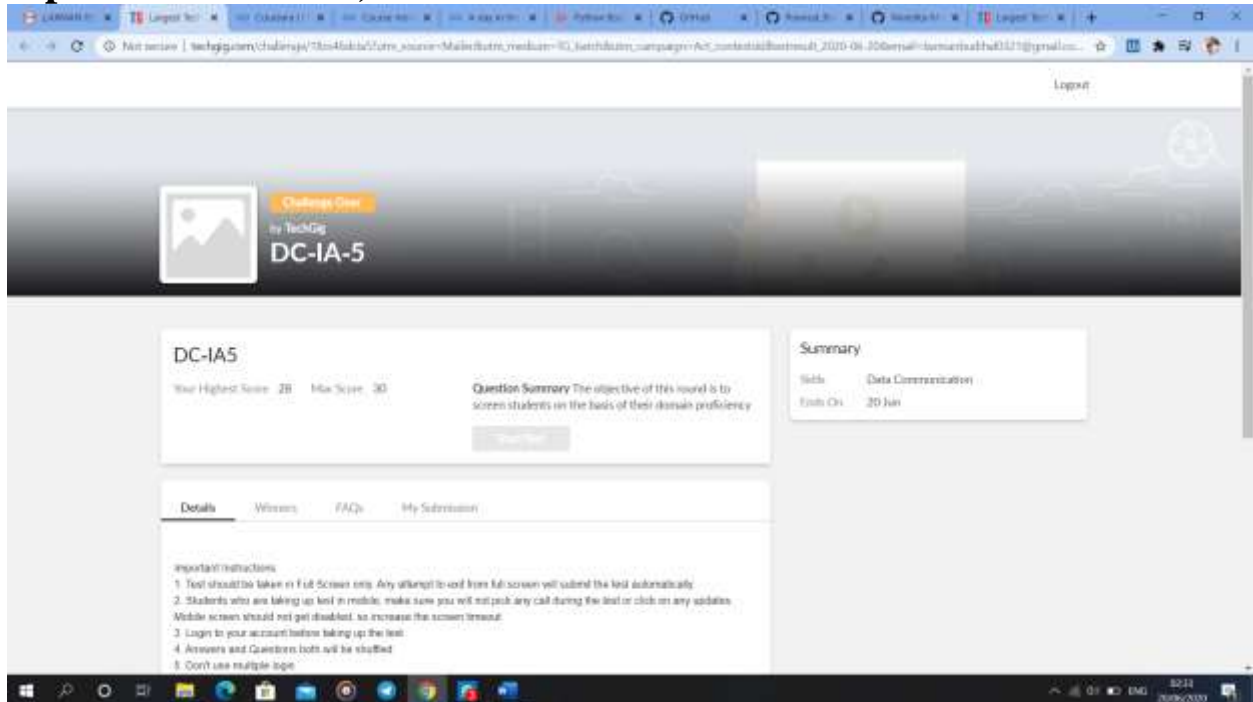


DAILY ONLINE ACTIVITIES SUMMARY

Date:	20/06/2020	Name:	Laxman Pundalik Budihal
Sem & Sec	4 rd sem (A sec)	USN:	4AL18CS043
Online Test Summary			
Subject	DC		
Max. Marks	30	Score	28
Certification Course Summary			
Course	HTML, CSS, and Javascript for Web Developers		
Certificate Provider	Coursera	Duration	15 hours
Coding Challenges			
Problem Statement: Write a C Program to rotate a Matrix by 90 Degree in Clockwise or Anticlockwise Direction			
Status: Completed			
Uploaded the report in GitHub		YES	
If yes Repository name		https://github.com/alvas-education-foundation/Laxman_Budihal	
Uploaded the report in slack		YES	

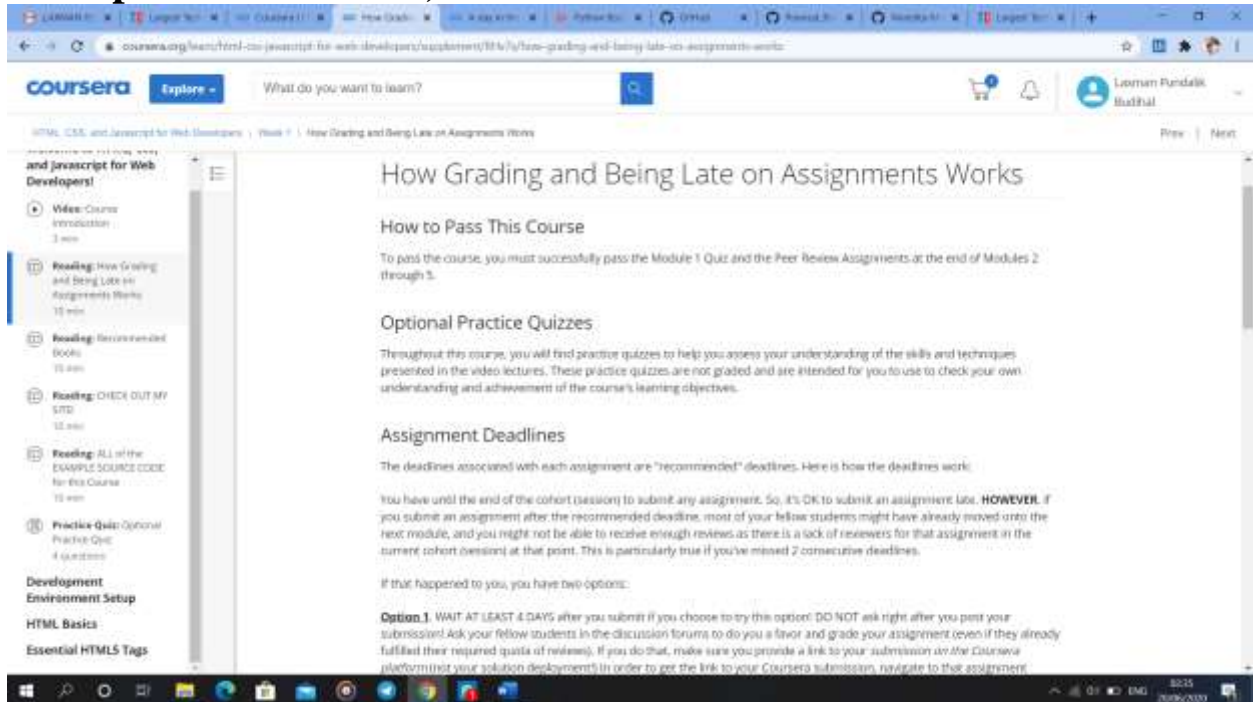
Online Test Details: (Attach the snapshot and briefly write the report for the same)



DC Internals was conducted. A total of 30 questions were there in which 30 of them were Multiple Choice Questions.

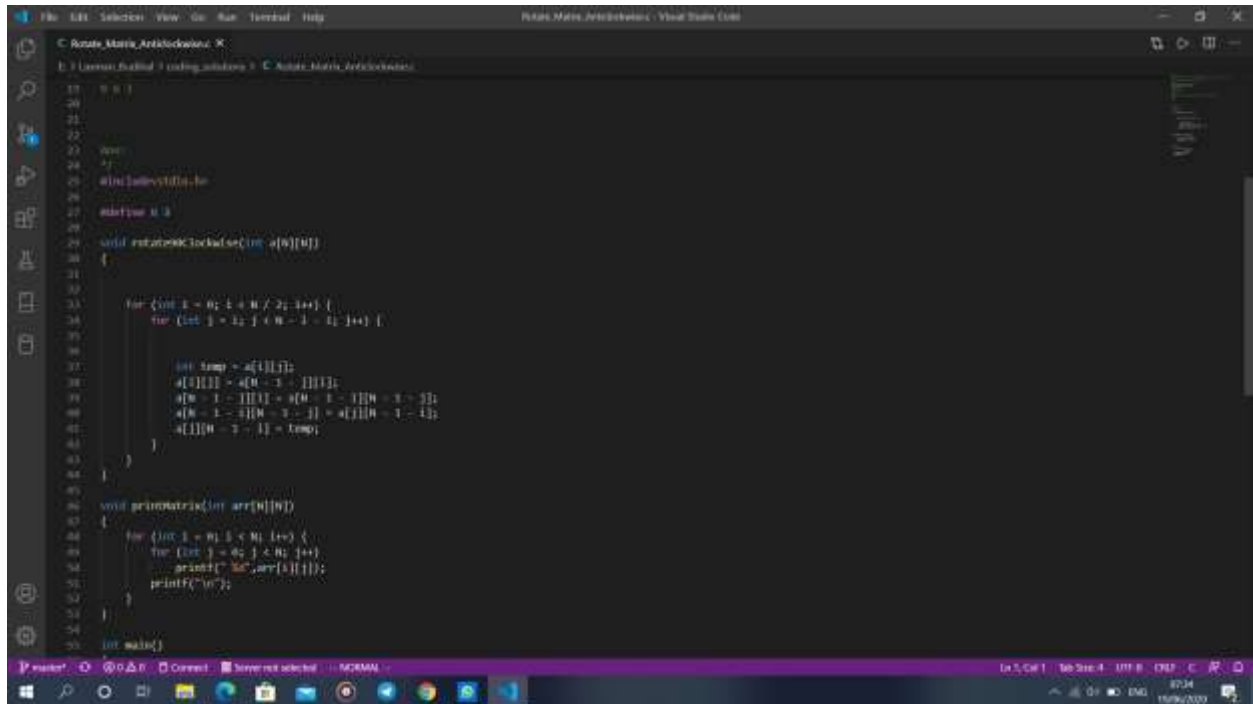
The above snapshot is the result sheet which was mailed to us by the Techgig team.

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



The today's topic is about HTML, CSS, and Javascript for Web Developers

Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)



```
17 // n x n
18
19
20
21
22
23
24
25 #include <stdio.h>
26
27 #define N 10
28
29 void rotate90Clockwise(int a[N][N])
30 {
31
32
33     for (int i = 0; i < N / 2; i++) {
34         for (int j = i; j < N - 1 - i; j++) {
35
36             int temp = a[i][j];
37             a[i][j] = a[N - 1 - j][i];
38             a[N - 1 - j][i] = a[N - 1 - i][N - 1 - j];
39             a[N - 1 - i][N - 1 - j] = a[j][N - 1 - i];
40             a[j][N - 1 - i] = temp;
41         }
42     }
43 }
44
45 void printMatrix(int arr[N][N])
46 {
47     for (int i = 0; i < N; i++) {
48         for (int j = 0; j < N; j++) {
49             printf("%d", arr[i][j]);
50             printf(" ");
51         }
52         printf("\n");
53     }
54 }
55
56 int main()
57 {
58     int a[N][N];
59     for (int i = 0; i < N; i++) {
60         for (int j = 0; j < N; j++) {
61             a[i][j] = i * N + j;
62         }
63     }
64     rotate90Clockwise(a);
65     printMatrix(a);
66 }
```

The question I took to code is: Write a C Program to rotate a Matrix by 90 Degree in Clockwise or Anticlockwise Direction.