

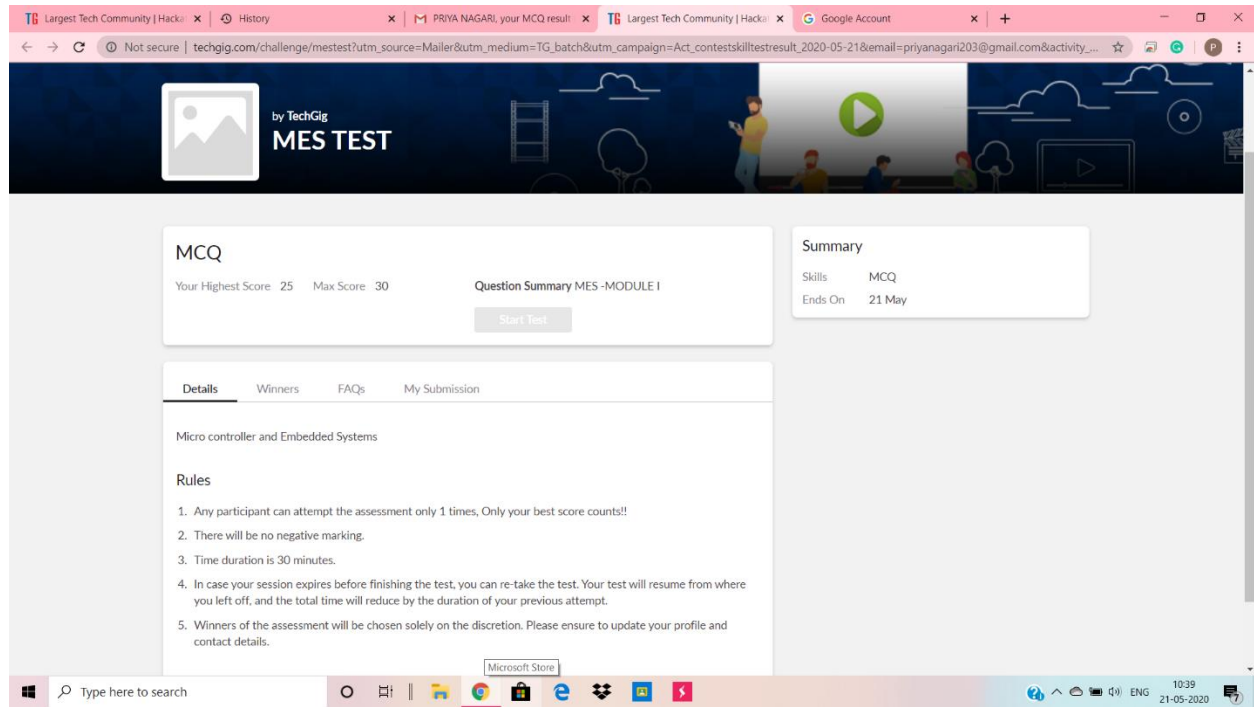
## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	21/05/2020		<b>Name:</b>	Priya Nagari
<b>Sem &amp; Sec</b>	Fourth SEM section B		<b>USN:</b>	4AL18CS063
<b>Online Test Summary</b>				
<b>Subject</b>	Microcontroller and embedded systems			
<b>Max. Marks</b>	30	<b>Score</b>	25	
<b>Certification Course Summary</b>				
<b>Course</b>	The complete Adroid app development Masterclass:Build apps			
<b>Certificate Provider</b>	Udemy	<b>Duration</b>	29 hours	
<b>Coding Challenges</b>				
<b>Problem Statement:</b> 1. C program to check odd or even thread. 2. C program to reverse a linked list.				
<b>Status:</b>				
<b>Uploaded the report in Github</b>		YES		
<b>If yes Repository name</b>		<b>Priya_Nagari</b> link: <a href="https://github.com/alvas-education-foundation/Priya_Nagari">https://github.com/alvas-education-foundation/Priya_Nagari</a>		
<b>Uploaded the report in slack</b>		YES		

## Online Test Details:

The online test was ARM EMBEDDED SYSTEMS & ARM PROCESSOR FUNDAMENTALS (module:1). There were 30 questions and the duration :40 minutes. The questions are mcq type. The score for the test was 25.

## Snapshot:



## Certification Course Details:

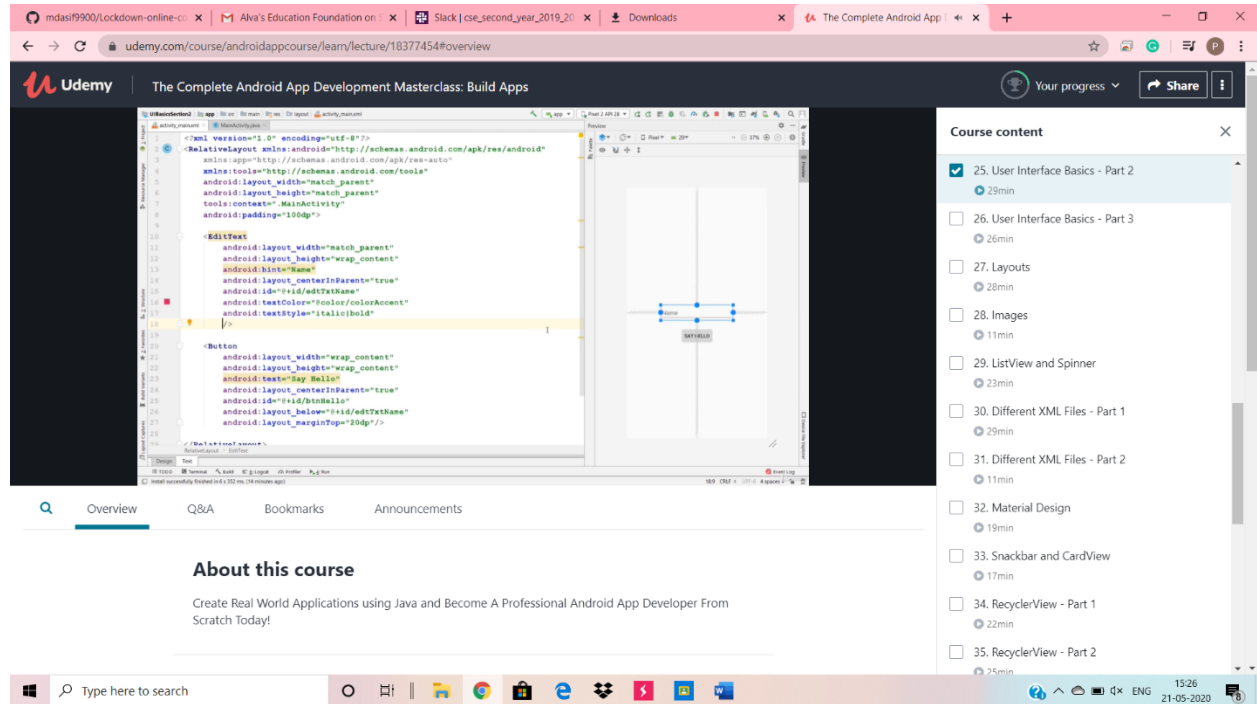
**Name of the course:** The complete Adroid app development Masterclass:Build apps

**Certificate Provider:** Udemy

total duration is 29 hours.

As previous day it was about Object oriented concepts ,today I had learnt about basic concepts of user interfaces.

## Snapshot:



## Online Coding Details:

1.C program to check odd or even thread.

Solution: uploaded in github

The screenshot shows a web browser displaying a GitHub repository page for a file named 'Thread.java'. The browser's address bar shows the URL 'github.com/priya6426/lockdown-coding/blob/master/Thread.java'. The page header indicates the branch is 'master' and the file path is 'lockdown-coding / Thread.java'. Below the header, there is a commit history section showing a commit by 'priya6426' titled 'Create Thread.java' with a commit hash of 'd4f036b' and a message 'in 28 seconds'. The main content area displays the Java code for 'Thread.java', which is 106 lines long. The code defines two classes, 'OddThread' and 'EvenThread', both extending 'Thread'. 'OddThread' has a 'run()' method that prints odd numbers from 1 to 'limit'. 'EvenThread' has a 'run()' method that prints even numbers from 2 to 'limit'. The code uses a 'sharedPrinter' object to manage output. The bottom of the screenshot shows a Windows taskbar with various application icons and a system clock indicating 15:43 on 21-05-2020.

```
1 class OddThread extends Thread
2 {
3     int limit;
4     sharedPrinter printer;
5     public OddThread(int limit, sharedPrinter printer)
6     {
7         this.limit = limit;
8         this.printer = printer;
9     }
10    @Override
11    public void run()
12    {
13        int oddNumber = 1;
14        while (oddNumber <= limit)
15        {
16            printer.printOdd(oddNumber);
17            oddNumber = oddNumber + 2;
18        }
19    }
20 }
21 class EvenThread extends Thread
22 {
23     int limit;
24     sharedPrinter printer;
25     public EvenThread(int limit, sharedPrinter printer)
26     {
27         this.limit = limit;
28         this.printer = printer;
29     }
30    @Override
31    public void run()
32    {
33        int evenNumber = 2;
34        while (evenNumber <= limit)
35        {
36            printer.printEven(evenNumber);
37            evenNumber = evenNumber + 2;
38        }
39    }
40 }
```

Problem :2. C program to reverse a linked list.

Solution: uploaded in github

The screenshot shows a web browser displaying a GitHub repository page for a file named 'Reverse\_linkedlist.c'. The browser's address bar shows the URL 'github.com/priya6426/lockdown-coding/blob/master/Reverse\_linkedlist.c'. The page header indicates the branch is 'master' and the file path is 'lockdown-coding / Reverse\_linkedlist.c'. Below the header, there is a commit history section showing a commit by 'priya6426' titled 'Create Reverse\_linkedlist.c' with a commit hash of 'e3cfd5d' and a message 'now'. The main content area displays the C code for 'Reverse\_linkedlist.c', which is 124 lines long. The code defines a 'node' structure with 'data' and 'next' fields. It includes a 'reverse()' function that reverses a linked list by iteratively changing the 'next' pointers. The code uses a 'head' pointer to track the current node being processed. The bottom of the screenshot shows a Windows taskbar with various application icons and a system clock indicating 15:48 on 21-05-2020.

```
1 #include<stdio.h>
2 #include<conio.h>
3 #include<stdlib.h>
4
5 typedef struct node
6 {
7     int data;
8     struct node *next;
9 }node;
10
11 void reverse(node *head)
12 {
13     if(head == NULL)
14         return;
15     if(head->next == NULL)
16         return;
17     reverse(head->next);
18     head->next->next = head;
19     head->next = NULL;
20 }
```