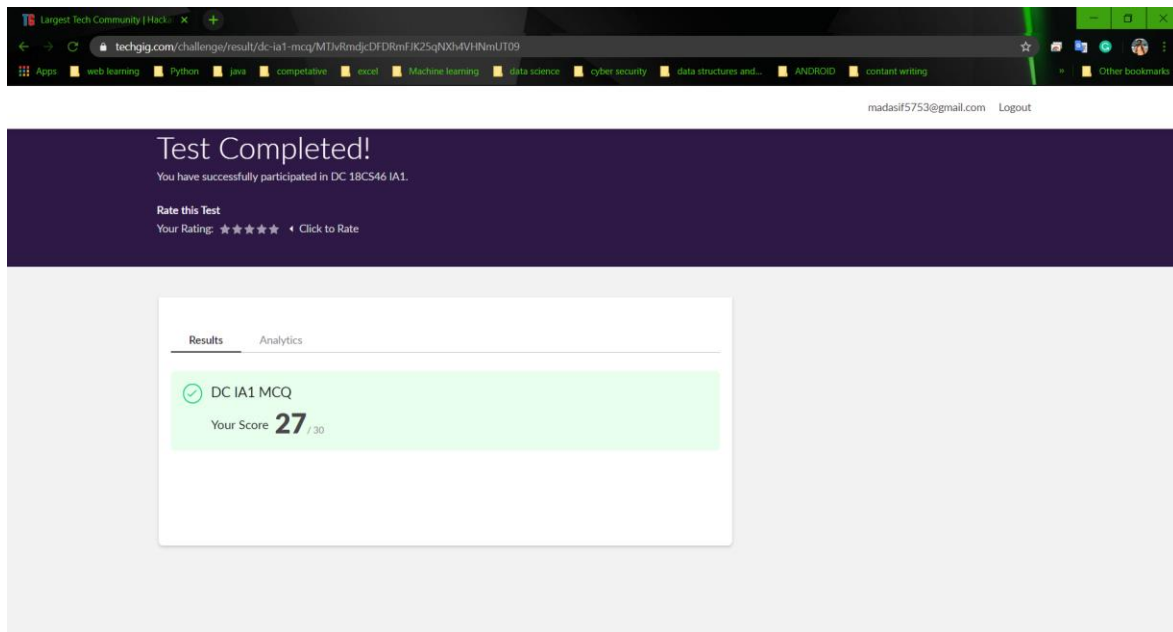


DAILY ONLINE ACTIVITIES SUMMARY

Date:	23/05/2020	Name:	M MAHAMMAD ASIF
Sem & Sec	4 th Sem & 'A' Sec	USN:	4AL18CS045
Online Test Summary			
Subject	Data Communication(18CS46)		
Max. Marks	30	Score	27
Certification Course Summary			
Course	The Complete Android App Development Masterclass:Build Apps.		
Certificate Provider	Udemy	Duration	29 Hours
Coding Challenges			
Problem Statement: 1. C program to implement FCFS and scheduling. 2. C program to implement SJF process scheduling.			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		https://github.com/alvas-education-foundation/M_MAHAMMAD_ASIF	
Uploaded the report in slack		Yes	

Online Test Details: Data Communication(18CS46) 1st Internal Assessment was conducted on 1st and 2nd Module. In that I had Scored 27 marks out of 30.

Snapshot:



Certification Course Details: I have continued the the course that is “Complete Android App Development Masterclass: Build Apps”, which is about 29 hours of Duration. In that, I had completed Next part of yesterday’s topic, which was about more than an hour. Parallel to that whatever learn in course I’m practicing in Android Studio.

Snapshot:

The screenshot shows a Udemy course page for "The Complete Android App Development Masterclass: Build Apps". The video player displays Java code for an Android app. The course content list on the right includes topics like User Interface Basics, Layouts, Images, ListView and Spinner, and XML Files.

```
private TextView txtHello;

@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    txtHello = findViewById(R.id.txtHello);
    txtHello.setText(getString(R.string.hello));
}

@Override
public boolean onCreateOptionsMenu(Menu menu) {
    MenuInflater inflater = getMenuInflater();
    inflater.inflate(R.menu.main_menu, menu);
    return true;
}

@Override
public boolean onOptionsItemSelected() {
    switch (item.getItemId()) {
        case R.id.settings_menu:
            Toast.makeText(this, "Settings Selected", Toast.LENGTH_SHORT).show();
            return true;
        default:
            return super.onOptionsItemSelected(item);
    }
}
```

Course content

- ☒ 25. User Interface Basics - Part 2 (29min)
- ☒ 26. User Interface Basics - Part 3 (26min)
- ☒ 27. Layouts (28min)
- ☒ 28. Images (11min)
- ☒ 29. ListView and Spinner (23min)
- ☒ 30. Different XML Files - Part 1 (29min)
- ☐ 31. Different XML Files - Part 2 (11min)
- ☐ 32. Material Design (19min)
- ☐ 33. Snackbar and CardView (17min)
- ☐ 34. RecyclerView - Part 1 (22min)

Coding Challenges Details: The Two problems I have solved By Understanding the Concepts through Online and updated the same in Github Repository. The two problem statements were:

11. C program to implement FCFS and scheduling.

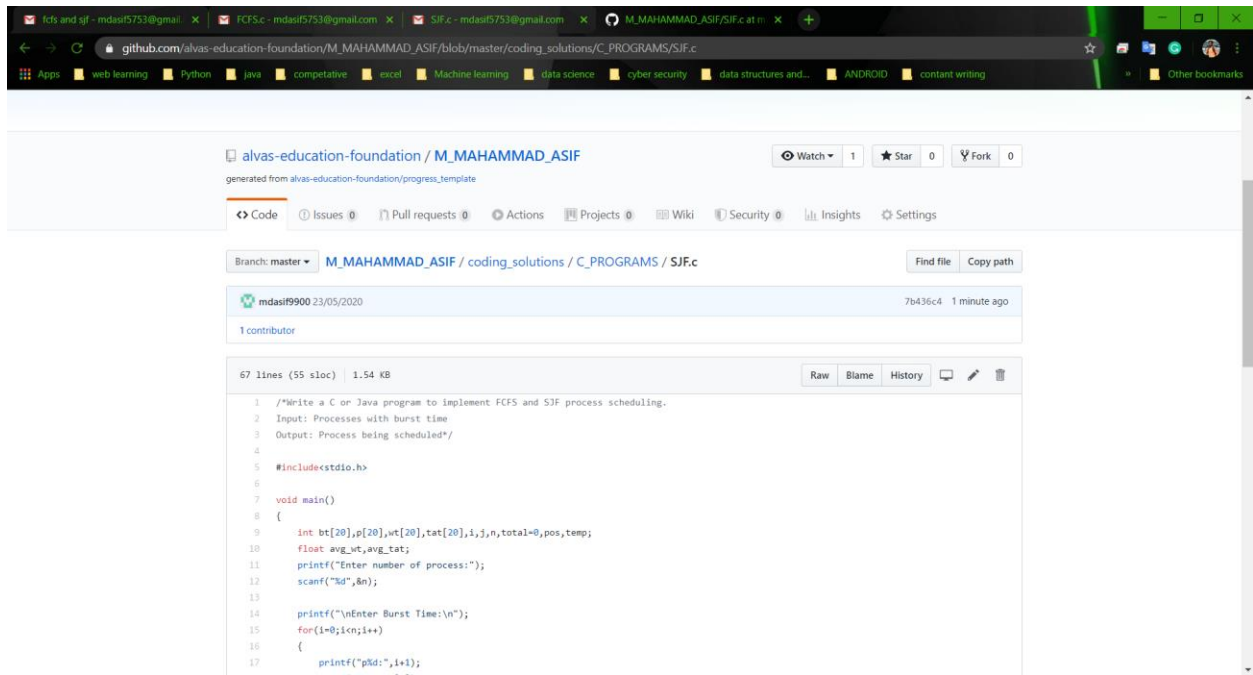
Snapshot:

The screenshot shows a GitHub repository page for "alvas-education-foundation / M_MAHAMMAD_ASIF". The file "C_PROGRAMS / FCFS.c" is selected, showing the C code for implementing FCFS scheduling.

```
1
2 /*Write a C or Java program to Implement FCFS and SJF process scheduling.
3 Input: Processes with burst time
4 Output: Process being scheduled*/
5
6 #include<stdio.h>
7
8 int main()
9 {
10     int n,bt[20],wt[20],tat[20],avwt=0,avtat=0,i,j;
11     printf("Enter total number of processes(maximum 20):-");
12     scanf("%d",&n);
13
14     printf("\nEnter Process Burst Time\n");
15     for(i=0;i<n;i++)
16     {
```

2. C program to implement SJF process scheduling

Snapshot:



The screenshot shows a web browser displaying a GitHub repository page for 'alvas-education-foundation / M_MAHAMMAD_ASIF'. The repository is generated from 'alvas-education-foundation/progress_template'. The file path is 'M_MAHAMMAD_ASIF / coding_solutions / C_PROGRAMS / SJF.c'. The commit is by 'mdasif9900' on '23/05/2020' with commit hash '7b436c4' and '1 contributor'. The file is 67 lines (55 sloc) and 1.54 KB. The code is as follows:

```
1  /*Write a C or Java program to implement FCFS and SJF process scheduling.
2  Input: Processes with burst time
3  Output: Process being scheduled*/
4
5  #include<stdio.h>
6
7  void main()
8  {
9      int bt[20],p[20],wt[20],tat[20],i,j,n,total=0,pos,temp;
10     float avg_wt,avg_tat;
11     printf("Enter number of process:");
12     scanf("%d",&n);
13
14     printf("\nEnter Burst Time:\n");
15     for(i=0;i<n;i++)
16     {
17         printf("p%d:",i+1);
```

The above is C program to implement SJF process scheduling