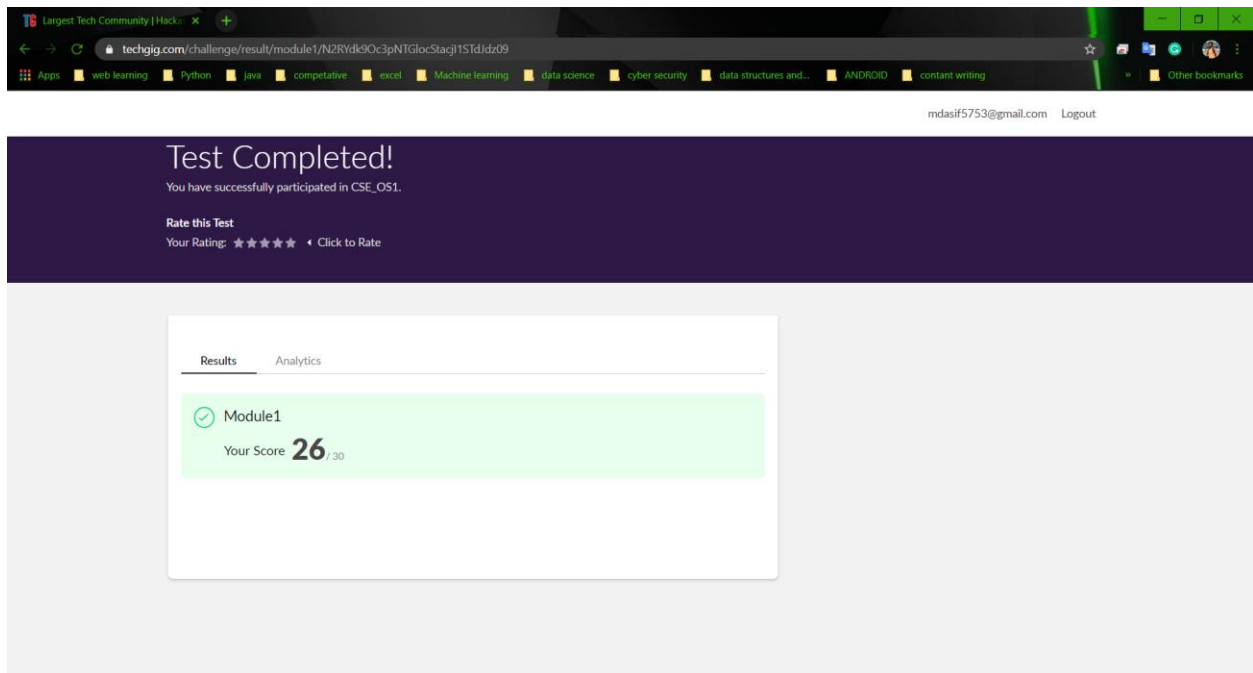


DAILY ONLINE ACTIVITIES SUMMARY

Date:	22/05/2020	Name:	M MAHAMMAD ASIF
Sem & Sec	4 th Sem & 'A' Sec	USN:	4AL18CS045
Online Test Summary			
Subject	Operating System(18CS43)		
Max. Marks	30	Score	26
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 various operations on Singly Linked List Stack. 2. simple applet java program to check whether the given number is Armstrong number or not.			
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: Operating System(18CS43) 1st Internal Assessment was conducted on 1st Module. In that I had Scored 26 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 main video player displays a Java code snippet for an Android app. The code includes a switch statement for handling button clicks (e.g., 'Married', 'Single', 'In a Relationship') and a listener for a checkbox. The course content sidebar on the right lists 31 lessons, with the current lesson '26. User Interface Basics - Part 3' highlighted. The 'About this course' section states: 'Create Real World Applications using Java and Become A Professional Android App Developer From Scratch Today!'.

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:

1. C Program to implement various operations on Singly Linked List Stack.

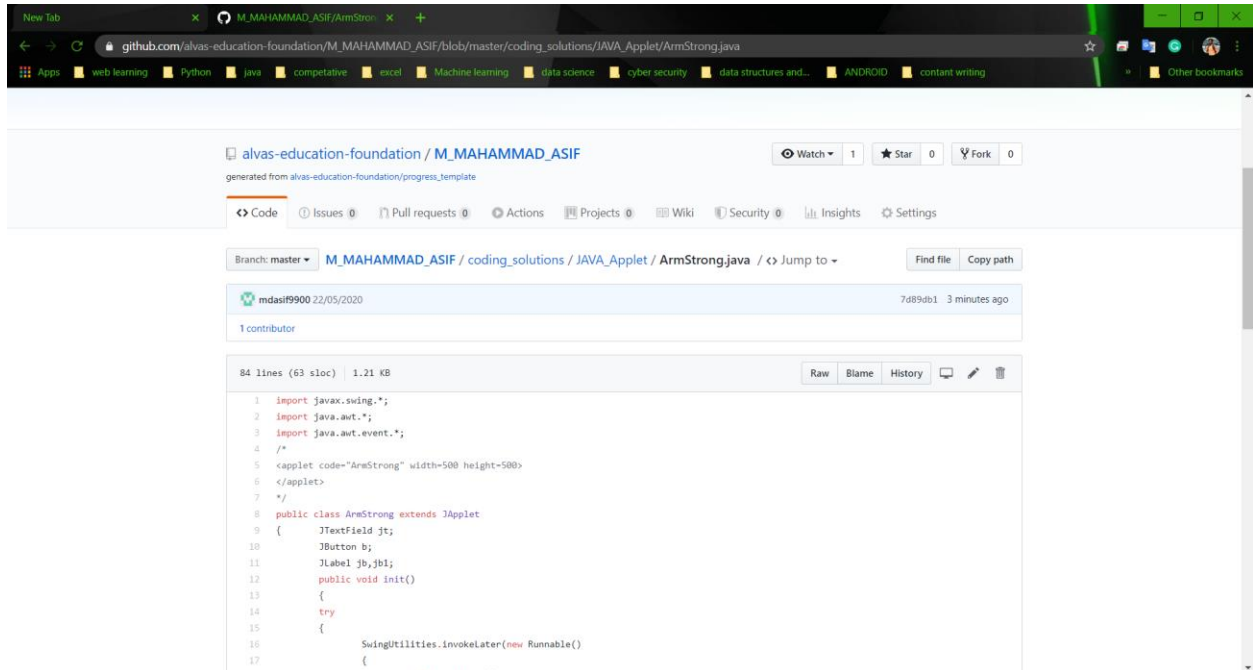
Snapshot:

The screenshot shows a GitHub repository page for 'Stack_using_SLL.c' by 'M_MAHAMMAD_ASIF'. The repository is part of the 'coding_solutions / C_PROGRAMS' directory. The file 'Stack_using_SLL.c' is shown with 180 lines of C code. The code implements a Singly Linked List Stack with functions for push, pop, empty, display, destroy, stack_count, and create. The code is as follows:

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 struct node
5 {
6     int info;
7     struct node *ptr;
8 }*top,*top1,*temp;
9
10 int topelement();
11 void push(int data);
12 void pop();
13 void empty();
14 void display();
15 void destroy();
16 void stack_count();
17 void create();
```

2. Simple applet java program to check whether the given number is Armstrong number or not.

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 'ArmStrong.java' is selected, showing its commit history and code. The code is a Java applet that checks if a number is an Armstrong number. It includes imports for javax.swing, java.awt, and java.awt.event. The applet has a width of 500 and height of 500. The class 'ArmStrong' extends 'JApplet' and contains a 'JTextField' named 'jt', a 'JButton' named 'b', and a 'JLabel' named 'jb'. The 'init()' method is implemented with a 'try' block that calls 'SwingUtilities.invokeLater(new Runnable()'.

```
1 import javax.swing.*;
2 import java.awt.*;
3 import java.awt.event.*;
4 /*
5  <applet code="ArmStrong" width=500 height=500>
6  </applet>
7  */
8 public class ArmStrong extends JApplet
9 {
10     JTextField jt;
11     JButton b;
12     JLabel jb,jb1;
13     public void init()
14     {
15         try
16         {
17             SwingUtilities.invokeLater(new Runnable()
18             {
19                 ...
20             })
21         }
22     }
23 }
```

The above is the applet java program to check whether the given number is Armstrong number or not.