

DAILY ONLINE ACTIVITIES SUMMARY

Date:	28/05/2020	Name:	M MAHAMMAD ASIF
Sem & Sec	4 th Sem & „A“ Sec	USN:	4AL18CS045
Online Test Summary			
Subject	1. Microcontroller and embedded System(18CS44). 2. Adalita Kannada(
Max. Marks	1)20 2)50	Score	1)20 2)33
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 find digital root of a number 2. In an array X of size M where the array elements contain values from 1 to M with duplicates, the task is to find total number of sub arrays which start and end with the same element.			
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: The Microcontroller and embedded System(18CS44) 2nd Internal Assessment was conducted on 2th Module. In that I had Scored 20 marks out of 20.

Snapshot:

The screenshot shows a web browser window with multiple tabs. The active tab is 'techgig.com/challenge/result/mcq/TkVnW5mUjh6MINPbVBzb7fkdk9Rdz09?utm_source=Mailer&utm_medium=TG_batch&utm_campaign=Act_contestskilltestresult_2020-05-28&em...'. The page has a dark purple header with the text 'Test Completed!' and 'You have successfully participated in MES-TEST2-MODULE2.' Below this, there is a 'Rate this Test' section with a five-star rating and a 'Click to Rate' link. The main content area is white and displays 'Results' and 'Analytics' tabs. Under the 'Results' tab, there is a green box with a checkmark icon, the text 'MCQ', and 'Your Score 20 / 20'. A 'Logout' link is visible in the top right corner of the header.

2.The test on Adalita Kannada(18CS49) was conducted . In that I had Scored 33 marks out of 50.

Snapshot:

The screenshot shows a web browser window with multiple tabs. The active tab is 'techgig.com/challenge/result/mcq/NiY1c3dMT3VhSFHLQUwwdnlGRGZDQT09'. The page has a dark purple header with the text 'Test Completed!' and 'You have successfully participated in Aadaliha Kannada Test.' Below this, there is a 'Rate this Test' section with a five-star rating and a 'Click to Rate' link. The main content area is white and displays 'Results' and 'Analytics' tabs. Under the 'Results' tab, there is a green box with a checkmark icon, the text 'MCQ', and 'Your Score 33 / 50'. A 'Logout' link is visible in the top right corner of the header.

Certification Course Details: I have continued 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 includes concepts like Expandable Card View and Book Activity,etc., which was about more than 1 hour. Parallel to that whatever learn in course I’m practicing in Android Studio. And overall it takes 3-5 hours of duration to complete that day’s certification course concepts.

Snapshot:

The screenshot displays the Udemy course page for "The Complete Android App Development Masterclass: Build Apps". The course content list on the right includes items 40 through 49. Item 43, "Book Activity", is highlighted. The main content area shows a video player with a smartphone screen displaying a book application interface. The video player has a play button overlay. The bottom navigation bar includes "Overview", "Q&A", "Bookmarks", and "Announcements". The "Announcements" tab is active, showing "No announcements posted yet".

Course content

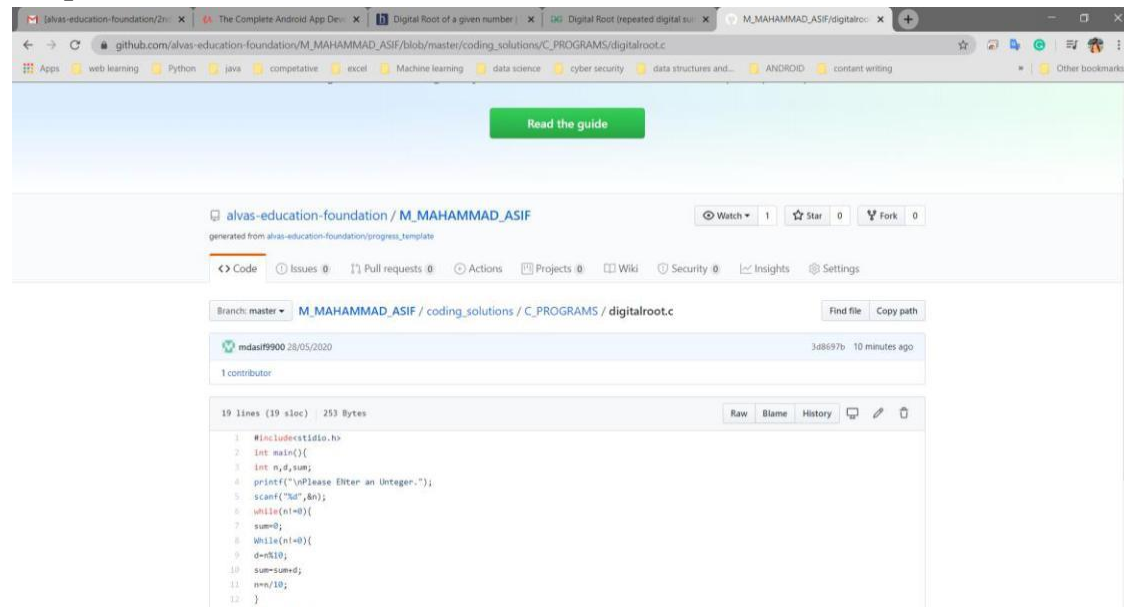
- ☒ 40. Create App's First Page - Intents 23min
- ☒ 41. Create Books RecyclerView 22min
- ☒ 42. Expandable CardView 18min
- ☒ 43. Book Activity 11min
- ☐ 44. Create Utils Class 23min
- ☐ 45. Add Books to Different Lists 30min
- ☐ 46. Create a Delete Button 17min
- ☐ 47. Show Your Website in a WebView 13min
- ☐ 48. Animations - Up Button 15min
- ☐ 49. Persist Data with Shared Preferences and Gson 29min

No announcements posted yet

Coding Challenges Details: The Two problems I have solved. The 1st is c program and 2nd is java program I Solved those By Understanding the Concepts through Online and updated the same in Github Repository. The two problem statements were:

1. C program to find digital root of a number.

Snapshot:



The screenshot shows a web browser displaying a GitHub repository page. The repository is named 'alvas-education-foundation / M_MAHAMMAD_ASIF'. The file being viewed is 'digitalroot.c' located in the 'coding_solutions / C_PROGRAMS' directory. The code is a C program that calculates the digital root of a number. It includes a header file 'stdio.h', defines a 'main' function, and uses 'printf' to prompt the user to enter an integer. It then uses a 'while' loop to calculate the sum of the digits of the number until it reaches a single digit (the digital root). The code is as follows:

```
1 #include <stdio.h>
2 int main(){
3     int n,d,sum;
4     printf("\nPlease Enter an Integer:");
5     scanf("%d",&n);
6     while(n!=0){
7         sum=0;
8         while(n!=0){
9             d=n%10;
10            sum=sum+d;
11            n=n/10;
12        }
13    }
```

2. In an array X of size M where the array elements contain values from 1 to M with duplicates, the task is to find total number of sub arrays which start and end with the same element.

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 'cntArr.java' is selected, showing its code. The code is a Java program that counts the number of subarrays where the first and last elements are the same. It uses a nested loop approach: for each element at index i, it iterates through all elements from i to the end of the array, counting how many times the element at i appears again. The total count is then returned.

```
1 import java.util.*;
2 public class cntArr {
3     public static void cntArray(int A[], int N)
4     {
5         int result = 0;
6
7         for (int i = 0; i < N; i++) {
8             result++;
9             int current_value = A[i];
10
11             for (int j = i + 1; j < N; j++) {
12
13                 // Check if A[j] == A[i]
14                 // Increase result by 1
15                 if (A[j] == current_value) {
16                     result++;
17                 }
18             }
19         }
20     }
21 }
```