

**4DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	<b>09/06/2020</b>	<b>Name:</b>	<b>M MAHAMMAD ASIF</b>
<b>Sem &amp; Sec</b>	<b>4<sup>th</sup> Sem &amp; 'A' Sec</b>	<b>USN:</b>	<b>4AL18CS045</b>
<b>Online Test Summary</b>			
<b>Subject</b>	<b>-</b>		
<b>Max. Marks</b>	<b>-</b>	<b>Score</b>	<b>-</b>
<b>Certification Course Summary</b>			
<b>Course</b>	<b>The Complete Android App Development Masterclass: Build Apps</b>		
<b>Certificate Provider</b>	<b>Udemy</b>	<b>Duration</b>	<b>29 Hours</b>
<b>Coding Challenges</b>			
<b>Problem Statement: 1. C Program to rotate the matrix by K times</b>			
<b>Status: Completed</b>			
<b>Uploaded the report in Github</b>		<b>Yes</b>	
<b>If yes Repository name</b>		<a href="https://github.com/alvas-education-foundation/M_MAHAMMAD_ASIF">https://github.com/alvas-education-foundation/M_MAHAMMAD_ASIF</a>	
<b>Uploaded the report in slack</b>		<b>Yes</b>	

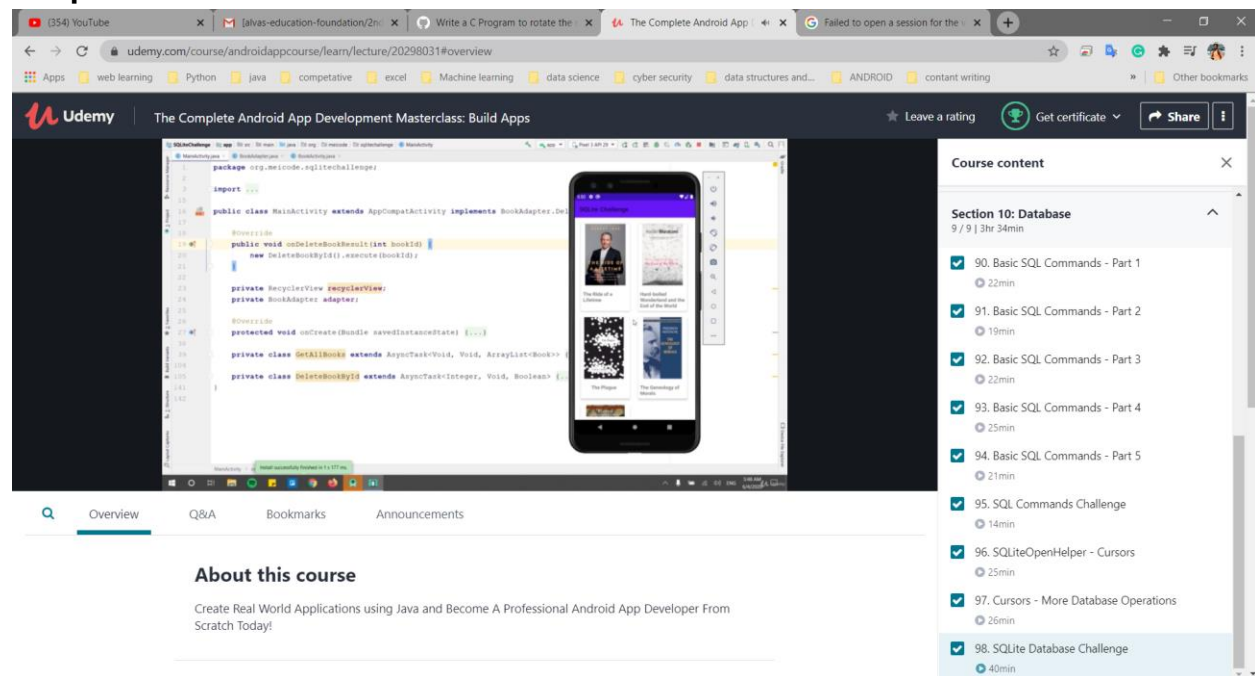
**Online Test Details: Today test was not conducted.**

**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 was remaining part of last session of this course. Parallel to that whatever learns 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.

Today this course has completed and I will upload this course certificate in repository named “Completed course certificates”

In addition to this some other online courses I had completed, as a proof I uploaded the Certificates in my other repository named “Completed course certificates.”

**Snapshot:**



**Above is the snapshot of Android development course.**

**Coding Challenges Details:** Today 3 programs were given to write code. In that, 2 java programs given by Prof Shilpa and 1 C-program given by Prof Venkatesh. Today I had solved only c program as I already solved and uploaded two java programs in github. The c program problem statement is:

1. Rotate the matrix by K times means rotating the given NN matrix to the specified (K) number of times. For example, consider the 3x3 matrix, which has to be rotated once,

**Enter the Size of the Matrix: 3, 3**

**Enter the Elements of the Matrix: 10, 20, 30, 40, 50, 60, 70, 80, 90**

**Enter the value of K (Number of Rotations): 1**

**Matrix before Rotation:**

10 20 30

40 50 60

70 80 90

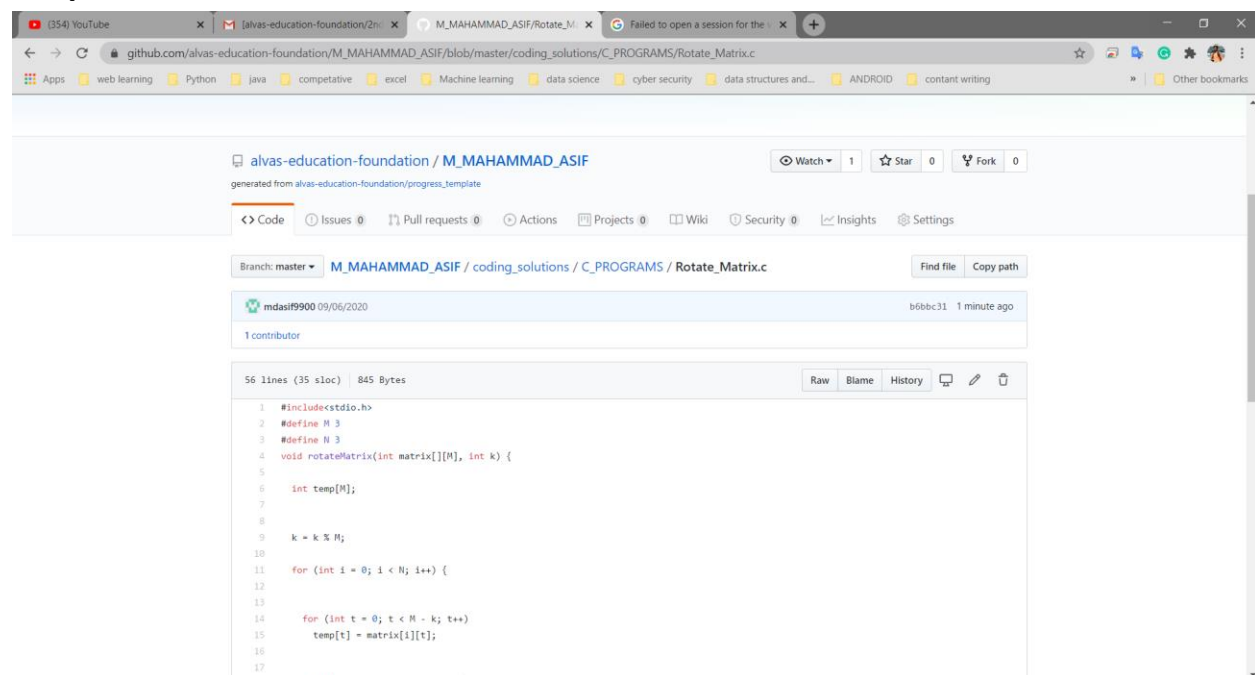
**Matrix after Rotation:**

30 10 20

60 40 50

90 70 80

**Snapshot:**



The screenshot shows a web browser displaying a GitHub repository page for 'alvas-education-foundation / M\_MAHAMMAD\_ASIF'. The repository is a fork of 'alvas-education-foundation/progress\_template'. The selected file is 'M\_MAHAMMAD\_ASIF / coding\_solutions / C\_PROGRAMS / Rotate\_Matrix.c'. The file was committed by 'mdasi9900' on 09/06/2020. The code is as follows:

```
1 #include<stdio.h>
2 #define M 3
3 #define N 3
4 void rotateMatrix(int matrix[][M], int k) {
5
6     int temp[M];
7
8
9     k = k % N;
10
11     for (int i = 0; i < N; i++) {
12
13         for (int t = 0; t < M - k; t++)
14             temp[t] = matrix[i][t];
15
16
17     ...
```

