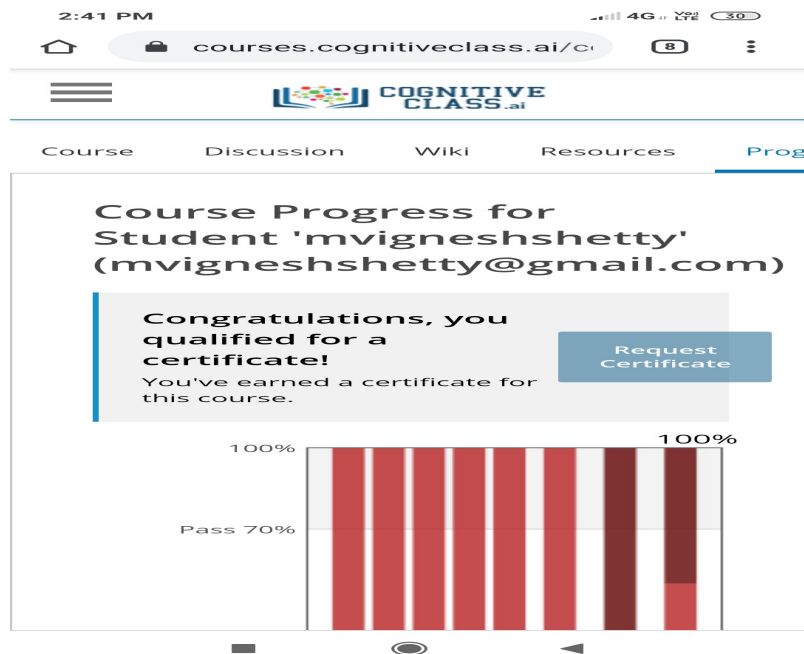


DAILY ONLINE ACTIVITIES SUMMARY

Date:	09/06/2020		Name:	Vignesha M. Shetty	
Sem & Sec	8 th ,B		USN:	4AAL16CS124	
Online Test Summary					
Subject	Big Data Analytics				
Max. Marks	04		Score	30	
Certification Course Summary					
Course	Python 101 for Data Science				
Certificate Provider	IBM Cognitive Classes		Duration	3 hours	
Coding Challenges					
Problem Statement: 1. C program to rotate the matrix by k times.					
Status: Solved					
Uploaded the report in Github			yes		
If yes Repository name			College repository: https://github.com/alvas-education-foundation/vigneshshetty Own repositories are: vigneshshetty/vignesh124 vigneshshetty/Online_Certifications vigneshshetty/online_coding vigneshshetty/Daily_progress_report		
Uploaded the report in slack			yes		

Certification Course Details: (Attach the snapshot and briefly write the report for the same)

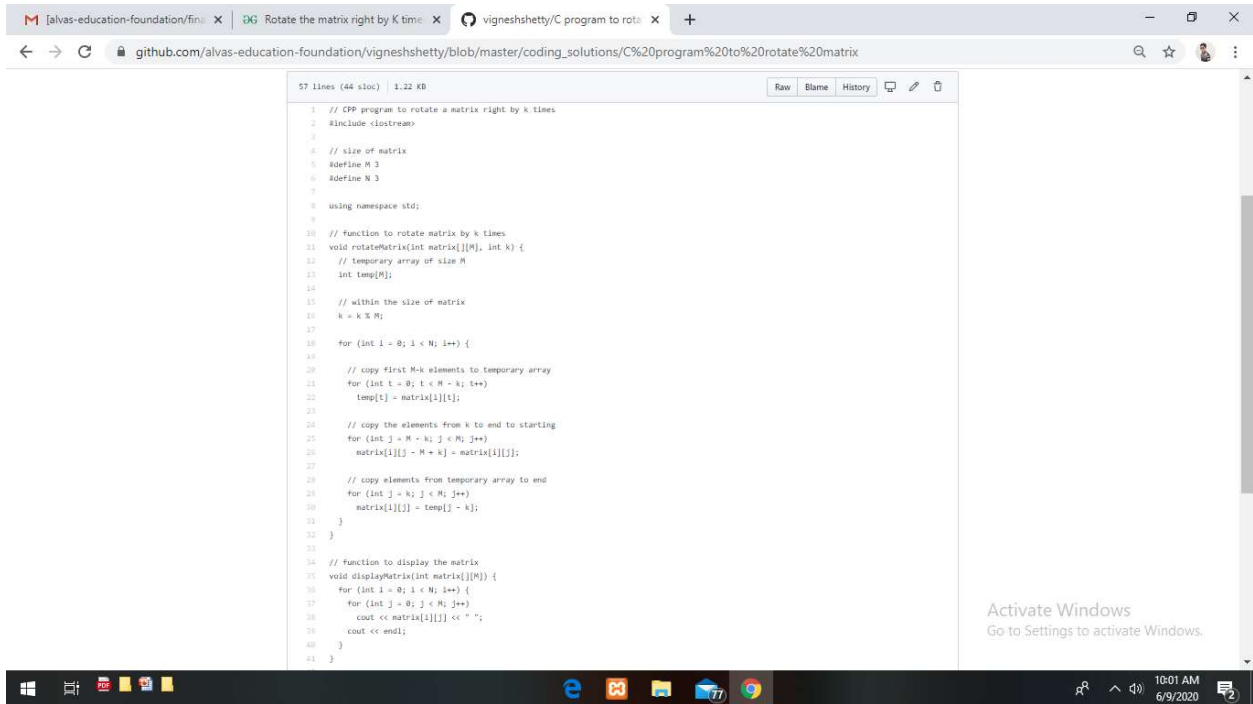


Online Test Details: (Attach the snapshot and briefly write the report for the same)



Module 5

OnlineCoding Details: (Attach the snapshot and briefly write the report for the same)



```
57 lines (44 sloc) | 1.22 KB
1 // C++ program to rotate a matrix right by k times
2 #include <iostream>
3
4 // size of matrix
5 #define M 3
6 #define N 3
7
8 using namespace std;
9
10 // function to rotate matrix by k times
11 void rotateMatrix(int matrix[][M], int k) {
12     // temporary array of size M
13     int temp[M];
14
15     // within the size of matrix
16     k = k % M;
17
18     for (int i = 0; i < N; i++) {
19
20         // copy first M-k elements to temporary array
21         for (int t = 0; t < M - k; t++)
22             temp[t] = matrix[i][t];
23
24         // copy the elements from k to end to starting
25         for (int j = M - k; j < M; j++)
26             matrix[i][j - M + k] = matrix[i][j];
27
28         // copy elements from temporary array to end
29         for (int j = k; j < M; j++)
30             matrix[i][j] = temp[j - k];
31     }
32 }
33
34 // function to display the matrix
35 void displayMatrix(int matrix[][M]) {
36     for (int i = 0; i < N; i++) {
37         for (int j = 0; j < M; j++)
38             cout << matrix[i][j] << " ";
39         cout << endl;
40     }
41 }
```

Activate Windows
Go to Settings to activate Windows.