DAILY ONLINE ACTIVITIES SUMMARY

Date:	**09/06/2020**	**Name:**	**Prajwal**
Sem & Sec	**IV sem & B sec**	**USN:**	**4AL18CS057**

Online Test Summary

Subject	**Design And Analysis Of Algorithm**		
Max. Marks	**-------**	**Score**	**-----**

Certification Course Summary

Course	**Cloud Foundation**		
Certificate Provider	**Great Learning**	**Duration**	**05 hours**

Coding Challenges

Problem Statement:1. Write a C program to rotate the matrix by K times.

2. Write a java program to count all the triplets such that sum of two elements equals to the third element.

3. Write a java program to find total number of subarrays which start and end with same elements.

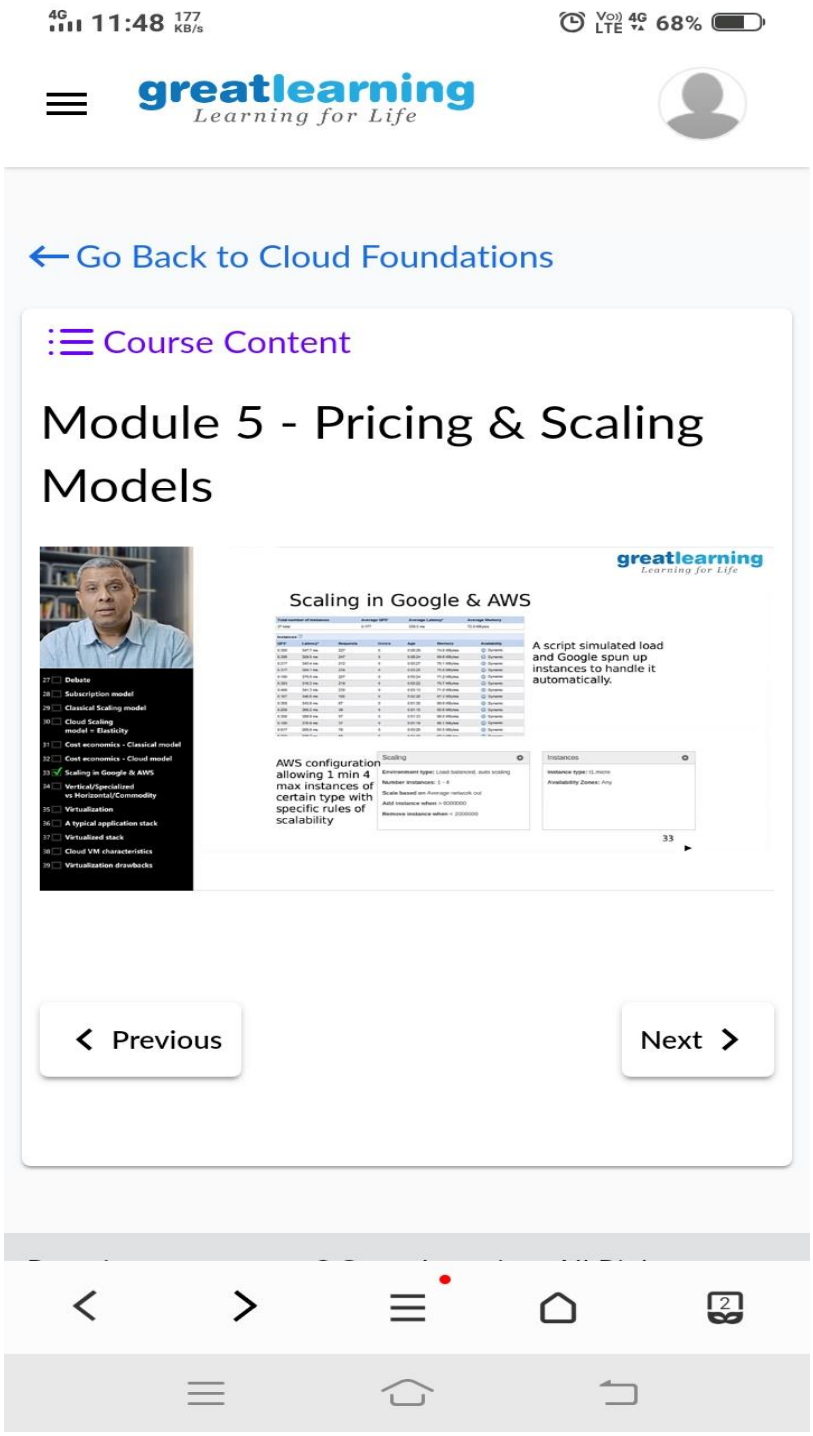
Status: Done	
Uploaded the report in Github	**YES**
If yes Repository name	https://github.com/PRAJWALKOTIAN/lockdown-coding
Uploaded the report in slack	**YES**

Online test details

No test was conducted on 09 june 2020.

Certification Course Details

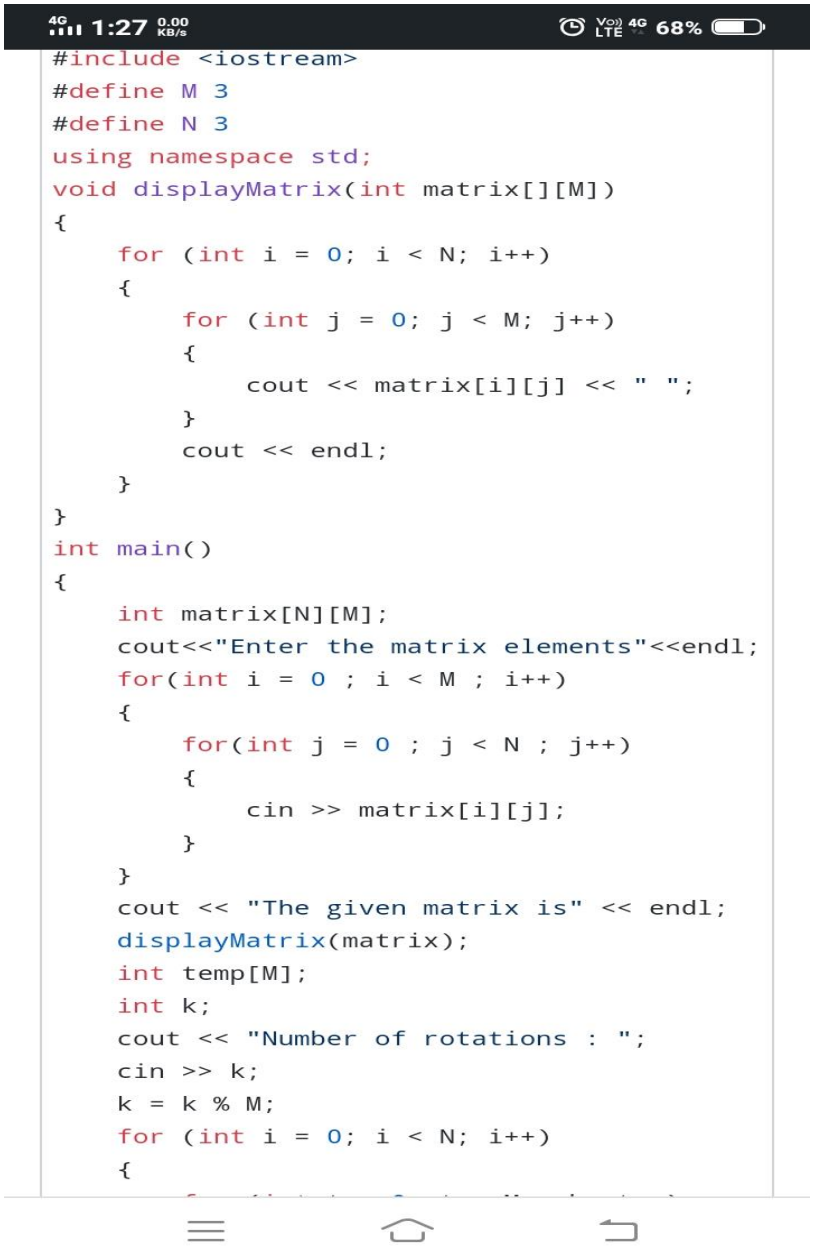
The cource I have choosen is CLOUD FOUNDATIONS in this I studied regarding pricing and scaling models



Coding Challenges Details

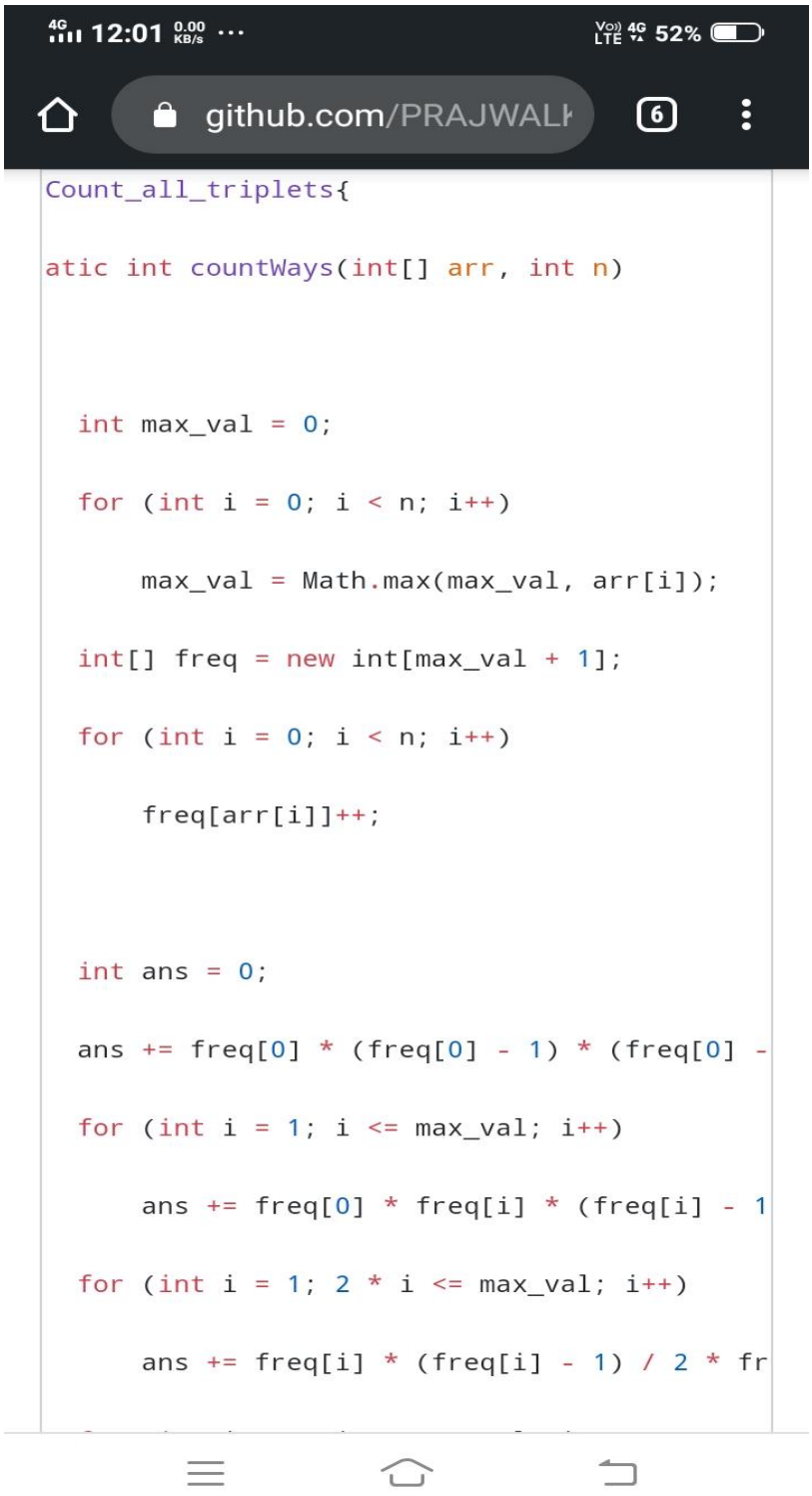
The bellow given codes are there on my github repository
https://github.com/PRAJWALKOTIAN/lockdown-coding

1. Write a C program to rotate the matrix by K times.




```
#include <iostream>
#define M 3
#define N 3
using namespace std;
void displayMatrix(int matrix[][M])
{
    for (int i = 0; i < N; i++)
    {
        for (int j = 0; j < M; j++)
        {
            cout << matrix[i][j] << " ";
        }
        cout << endl;
    }
}
int main()
{
    int matrix[N][M];
    cout<<"Enter the matrix elements"<<endl;
    for(int i = 0 ; i < M ; i++)
    {
        for(int j = 0 ; j < N ; j++)
        {
            cin >> matrix[i][j];
        }
    }
    cout << "The given matrix is" << endl;
    displayMatrix(matrix);
    int temp[M];
    int k;
    cout << "Number of rotations : ";
    cin >> k;
    k = k % M;
    for (int i = 0; i < N; i++)
    {
```

2. Write a java program to count all the triplets such that sum of two elements equals to the third element.



3. Write a java program to find total number of subarrays which start and end with same elements.