

DAILY ONLINE ACTIVITIES SUMMARY

Date:	09-06-2020	Name:	Nayan. P. Joshi
Sem & Sec	8 th Sem A	USN:	4AL16CS058
Online Test Summary			
Subject	Big data Analytics		
Max. Marks	30	Score	23
Certification Course Summary			
Course	Introduction to Full Stack Development		
Certificate Provider	Great learning academy	Duration	60hrs
Coding Challenges			
Problem Statement: Write a C Program to rotate the matrix by K times			
Status: Solved			
Uploaded the report in GitHub		yes	
If yes Repository name		nayan1998	
Uploaded the report in slack		yes	

Tikona Infonet Private Limited x Largest Tech Community | Hacka x +

techgig.com/challenge/result/round-1/NUdtNU05RitkN3dmOXpyQ2x3ampGUT09

nayan19985july@gmail.com Logout

Test Completed!

You have successfully participated in CSE_BDA_6.

Rate this Test
Your Rating: ★★★★★ • Click to Rate

Results Analytics

✓ Round 1

Your Score **23** / 30

Windows taskbar: Type here to search, 09:38 AM 09-06-2020

Introduction to Full Stack Develop x +

olympus.greatlearning.in/courses/11263

greatlearning Learning for Life Home Live Sessions Certificates My Courses

▶ 34. Min and Max Width	5m	○
▶ 35. Padding	4m	○
▶ 36. Border	4m	○
▶ 37. Margin	3m	○
▶ 38. Insertion of Background	3m	○
▶ 39. Styling the background image	5m	○
▶ 40. Moving the background image	3m	○
▶ 41. Font Styling	8m	○
▶ 42. Other text styling	5m	○
▶ 43. Advanced CSS	55m	○

Windows taskbar: Type here to search, 12:20 PM 09-06-2020

Write a C Program to rotate the matrix by K times

```
#include <iostream>
#define M 3
#define N 3
using namespace std;

// Function to print the matrix
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;
    }
}

// Main Function
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]; // Input the matrix elements
        }
    }
    cout << "The given matrix is" << endl;
    displayMatrix(matrix);
    int temp[M];
    int k;
    cout << "Number of rotations : ";
    cin >> k; // input the number of rotations
    k = k % M;

    // For rotating matrix by k times
    for (int i = 0; i < N; i++)
    {
        // copy first M-k elements to temporary array
        for (int t = 0; t < M - k; t++)
        {
            temp[t] = matrix[i][t];
        }
        // copy the elements from k to end to starting
        for (int j = M - k; j < M; j++)
```

```
{
    matrix[i][j - M + k] = matrix[i][j];
}
// copy elements from temporary array to end
for (int j = k; j < M; j++)
{
    matrix[i][j] = temp[j - k];
}}

cout<<"\nThe rotated matrix is\n";
// display rotated matrix

displayMatrix(matrix);
return 0;
}
```