

DAILY ONLINE ACTIVITIES SUMMARY

Date:	24/06/2020		Name:	Prajwal	
Sem & Sec	IV sem & B sec		USN:	4AL18CS057	
Online Test Summary					
Subject	Object Oriented Concepts				
Max. Marks	-----		Score	-----	
Certification Course Summary					
Course	Python For Data Science				
Certificate Provider	COGNITIVE CLASS		Duration	12 hours	
Coding Challenges					
Problem Statement:1. Write a C program to rotate a matrix by 90 degree in clockwise or anticlockwise directions.					
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 dated on 24 june 2020.

Certification Course Details

The course I have chosen is python for data science in this I studied some basic concepts of functions

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Course > Modul... > Functio... > Functio...

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Functions (13:28)

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Functions (13:28)

```
def add1(a):  
    b=a+1;  
    print(a,"plus 1 equals ",b)  
    return b  
add1(2)  
2 plus 1 equals 3
```




a	2
b	3
output of print...	2 plus 1 equals 3
value returned	

We call the function with an input of 2. We find the value of b.

The function prints the statement with the values of a and b.

Finally, the function returns the value of b, in this case, 3.


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HD   

Video

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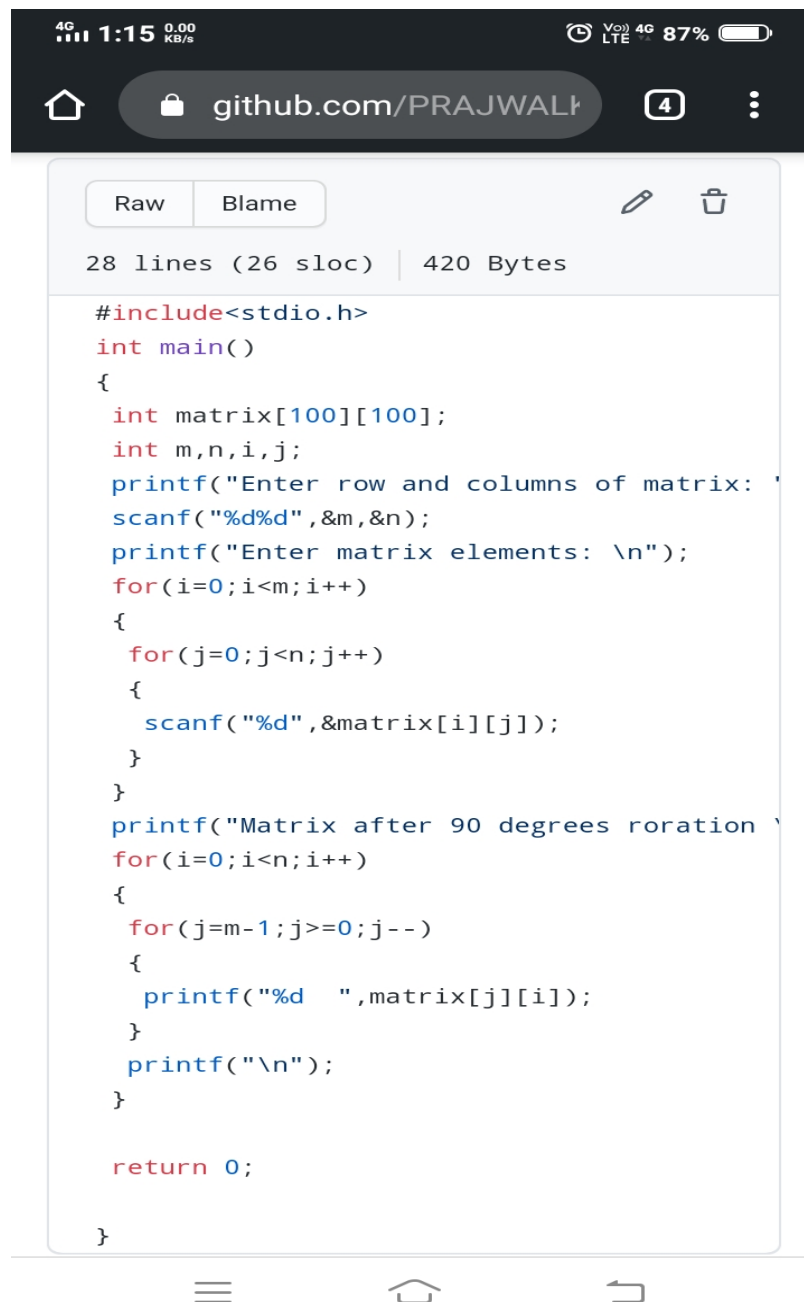




Coding Challenges Details

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

1. Write a C program to rotate a matrix by 90 degree in clockwise or anticlockwise directions.



The screenshot shows a mobile browser interface with a dark theme. The address bar displays 'github.com/PRAJWALKOTIAN/lockdown-coding'. Below the address bar, there are tabs for 'Raw' and 'Blame', and icons for editing and deleting. The code is displayed in a light blue box with a dark background. The code is a C program for rotating a matrix by 90 degrees clockwise. It includes a header file 'stdio.h' and a main function. The main function prompts the user to enter the row and column of the matrix, then enters the matrix elements. It then prints the matrix after 90 degrees rotation. The code is as follows:

```
#include<stdio.h>
int main()
{
    int matrix[100][100];
    int m,n,i,j;
    printf("Enter row and columns of matrix: ");
    scanf("%d%d",&m,&n);
    printf("Enter matrix elements: \n");
    for(i=0;i<m;i++)
    {
        for(j=0;j<n;j++)
        {
            scanf("%d",&matrix[i][j]);
        }
    }
    printf("Matrix after 90 degrees rotation \n");
    for(i=0;i<n;i++)
    {
        for(j=m-1;j>=0;j--)
        {
            printf("%d ",matrix[j][i]);
        }
        printf("\n");
    }

    return 0;
}
```