DAILY ONLINE ACTIVITIES SUMMARY

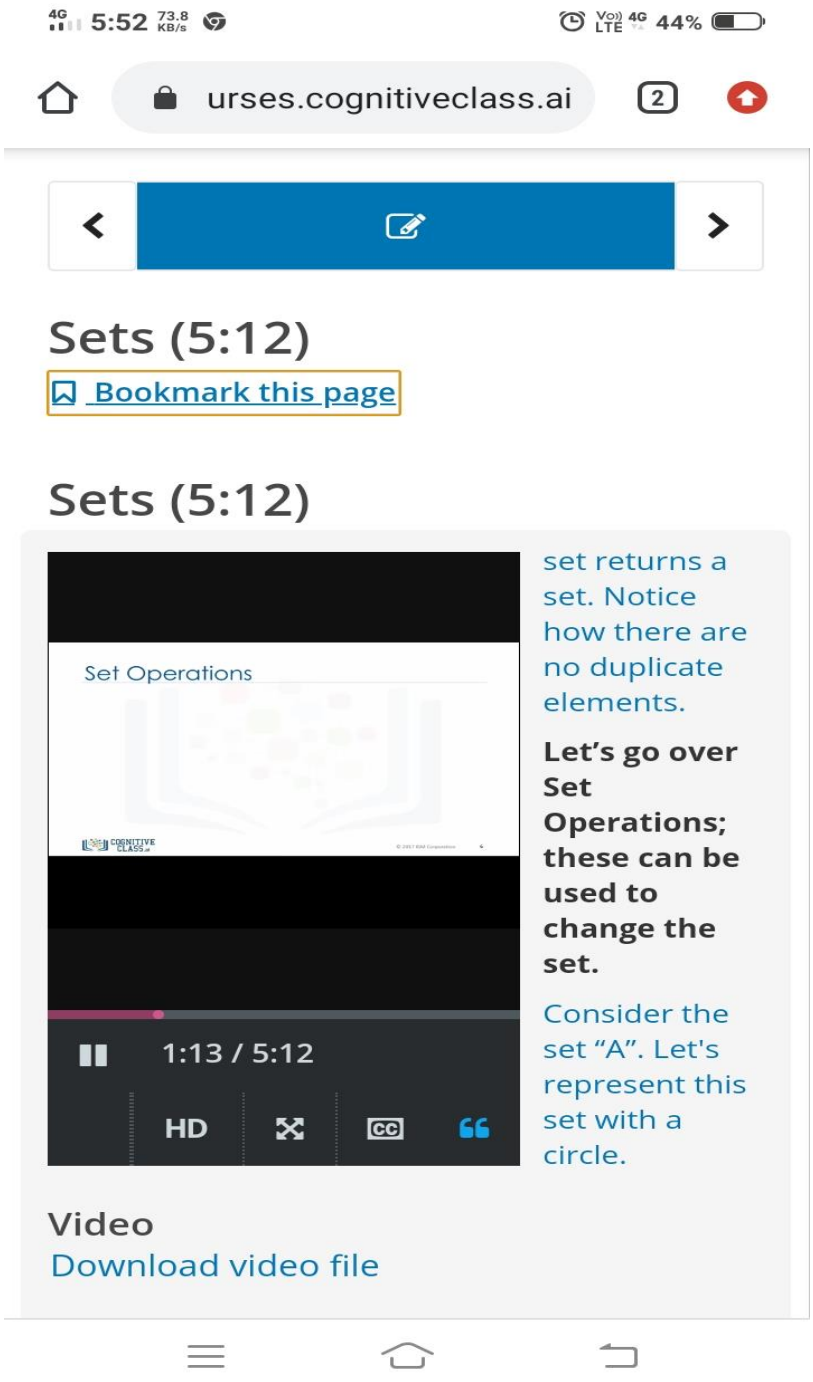
Date:	**21/06/2020**	**Name:**	**Prajwal**
Sem & Sec	**IV sem & B sec**	**USN:**	**4AL18CS057**
Online Test Summary			
Subject	**-----**		
Max. Marks	**----**	**Score**	**----**
Certification Course Summary			
Course	**Python For Data Science**		
Certificate Provider	**COGNITIVE CLASS**	**Duration**	**12 hours**
Coding Challenges			
Problem Statement:1. Write a C program to rotate an array by K positions.			
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 21 june 2020 (Sunday).

Certification Course Details

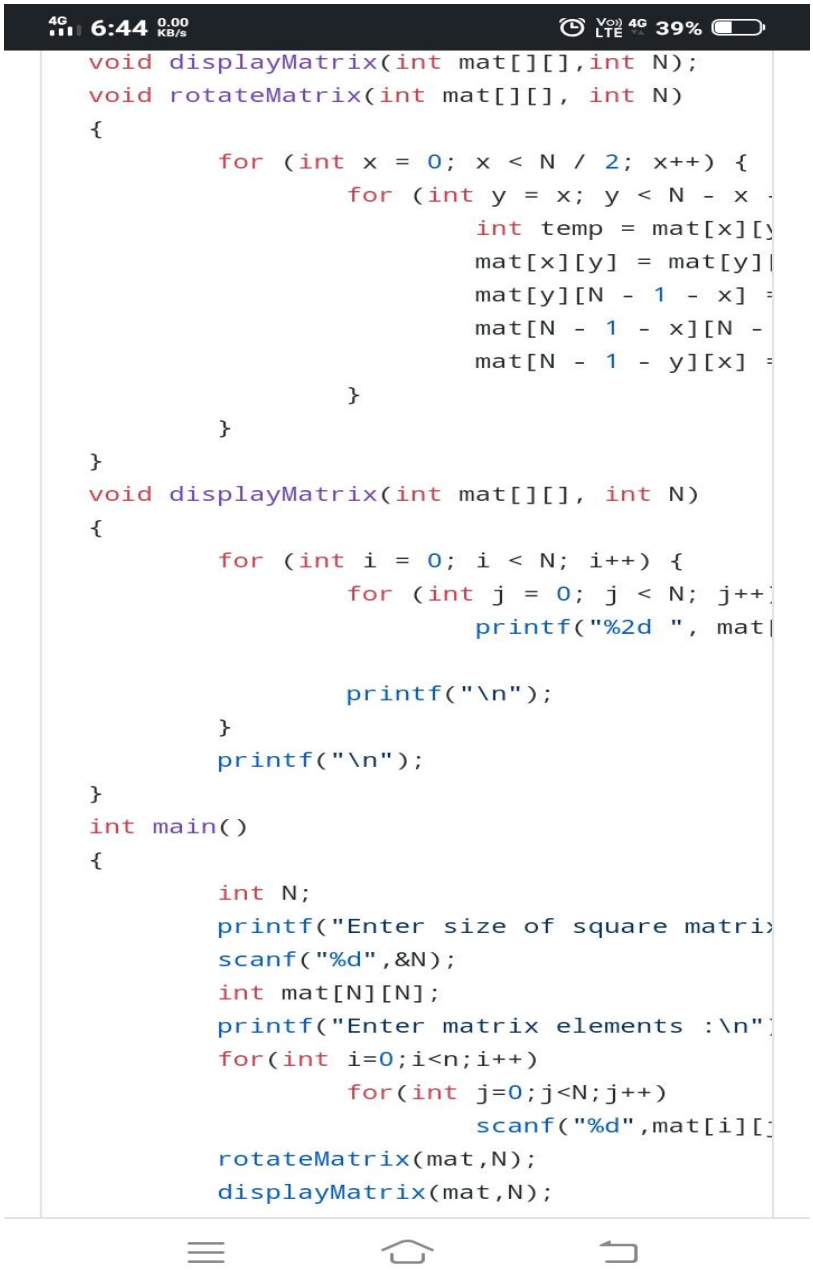
The cource I have choosen is python for data science in this I studied some basic concepts of sets and its applications.



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 an array by K positions.




```c
void displayMatrix(int mat[][],int N);
void rotateMatrix(int mat[][], int N)
{
        for (int x = 0; x < N / 2; x++) {
                for (int y = x; y < N - x -
                        int temp = mat[x][y
                        mat[x][y] = mat[y][
                        mat[y][N - 1 - x] =
                        mat[N - 1 - x][N -
                        mat[N - 1 - y][x] =
                }
        }
}
void displayMatrix(int mat[][], int N)
{
        for (int i = 0; i < N; i++) {
                for (int j = 0; j < N; j++)
                        printf("%2d ", mat[

                printf("\n");
        }
        printf("\n");
}
int main()
{
        int N;
        printf("Enter size of square matrix
        scanf("%d",&N);
        int mat[N][N];
        printf("Enter matrix elements :\n");
        for(int i=0;i<n;i++)
                for(int j=0;j<N;j++)
                        scanf("%d",mat[i][j
        rotateMatrix(mat,N);
        displayMatrix(mat,N);
```