DAILY ONLINE ACTIVITIES SUMMARY

Date:	19/6/2020	**Name:**	Vleena Mascarenhas
Sem & Sec	8th & B	**USN:**	4AL16CS121

Online Test Summary

Subject	Big Data Analytics		
Max. Marks	30	**Score**	26

Certification Course Summary

Course	Machine Learning Data Readiness.		
Certificate Provider	AWS	**Duration**	60 minutes

Coding Challenges

Problem Statement:
Given a square matrix, turn it by 90 degrees in anti-clockwise direction without using any extra space.

Status: Solved

Uploaded the report in Github	yes
If yes Repository name	vleena
Uploaded the report in slack	yes

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

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

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

Problem Statement:

Given a square matrix, turn it by 90 degrees in anti-clockwise direction without using any extra space.

```
N=4

def rotateMatrix(mat):
    for x in range(0,int(N/2)):
        for y in range(x,N-x-1):
            temp=mat[x][y]
            mat[x][y]=mat[y][N-1-x]
            mat[y][N-1-x]=mat[N-1-x][N-1-y]
            mat[N-1-x][N-1-y]=mat[N-1-y][x]
            mat[N-1-y][x]=temp
def displayMatrix(mat):
    for i in range(0,N):
        for j in range(0,N):
            print (mat[i][j],end=' ')
        print("")
mat=[[0 for x in range(N)] for y in range(N)]
mat=[[1,2,3,4],[5,6,7,8],[9,10,11,12],[13,14,15,16]]
rotateMatrix(mat)
displayMatrix(mat)
```

OUTPUT:

```
4 8 12 16
3 7 11 15
2 6 10 14
1 5  9  13
```