

DAILY ONLINE ACTIVITIES SUMMARY

Date:	19/06/2020	Name:	Ameen Ahmed
Sem & Sec	8 th sem,A	USN:	4AL16CS009
Online Test Summary			
Subject	BDA		
Max. Marks	30	Score	Mail not received
Certification Course Summary			
Course	AMAZON DOCUMENTDB SERVICE		
Certificate Provider	AWS	Duration	3hr
Coding Challenges			
Problem Statement: Python program to rotate a matrix by 90 degrees.			
Status: Solved			
Uploaded the report in Github		Yes	
If yes Repository name		Ameen_ahmed	
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)

Python program to rotate a matrix by 90 degrees

```
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 ] ]
"""

mat = [ [1, 2, 3 ],
[4, 5, 6 ],
[7, 8, 9 ] ]
# Test case 3
mat = [ [1, 2 ],
[4, 5 ] ]
"""

rotateMatrix(mat)
displayMatrix(mat)

```