

DAILY ONLINE ACTIVITIES SUMMARY

| | | | |
|---|-------------------------|-------------|-------------|
| Date: | 20/06/2020 | Name: | Ameen Ahmed |
| Sem & Sec | 8 th sem,A | USN: | 4AL16CS009 |
| Online Test Summary | | | |
| Subject | - | | |
| Max. Marks | - | Score | - |
| Certification Course Summary | | | |
| Course | AMAZON DYNAMODB 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

```
M = 3
N = 3
matrix = [[12, 23, 34],
[45, 56, 67],
[78, 89, 91]]
def rotateMatrix(k) :
    global M, N, matrix
    temp = [0] * M
    k = k % M
    for i in range(0, N) :
```

```
for t in range(0, M -k) :
temp[t] = matrix[i][t]
for j in range(M -k, M) :
matrix[i][j -M + k] = matrix[i][j]
for j in range(k, M) :
matrix[i][j] = temp[j -k]
def displayMatrix() :
global M, N, matrix
for i in range(0, N) :
for j in range(0, M) :
print ("{} " . format(matrix[i][j]), end = "")
print ()
k = 2
rotateMatrix(k)
displayMatrix()
```