

## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	6/07/2020	<b>Name:</b>	Prathiksha
<b>Sem &amp; Sec</b>	8 <sup>th</sup> sem & B sec	<b>USN:</b>	4AL16CS070
<b>Online Test Summary</b>			
<b>Subject</b>	-		
<b>Max. Marks</b>	-	<b>Score</b>	-
<b>Certification Course Summary</b>			
<b>Course</b>	Introduction to Amazon CloudFront.		
<b>Certificate Provider</b>	AWS	<b>Duration</b>	10 min
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1. Python3 program given a square matrix, turn it by 90 degrees in anti-clockwise direction without using any extra space.			
<b>Status:</b> Solved			
<b>Uploaded the report in Github</b>		Yes	
<b>If yes Repository name</b>		Prathiksha	
<b>Uploaded the report in slack</b>		Yes	

## Online Test Details:

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## Certification Course Details:

https://content.aws.training/video/sicfox1/en/v1/1.0.0/jwplayer.html?endpoint=https%3a%2f%2faws.training%2fTCAP%2f&auth=Basic%20OmRhZmRmNzVhLWI3YzYtNDg2My1iYTgzLTAzYWlyZDM3M2YwZA%3d%3d&actor=%...  
content.aws.training/video/sicfox1/en/v1/1.0.0/jwplayer.html?endpoint=https%3a%2f%2faws.training%2fTCAP%2f&auth=Basic%20OmRhZmRmNzVhLWI3YzYtNDg2My1iYTgzLTAzYWlyZDM3M2YwZA%3d%3d...

# Amazon CloudFront Overview

aws training and certification

- Global, Growing Network
- Secure Content at the Edge
- Deep Integration with Key AWS Services
- High Performance
- Cost Effective
- Easy To Use its lower rates on data transfer out,

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# Use cases

aws training and certification

- Static Asset Caching
- Live and On-Demand Video Streaming
- Security and DDoS Protection
- Dynamic and Customized Content
- API Acceleration
- Software Distribution security and DDoS protection, API acceleration,

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**Topic:** About Introduction to Amazon CloudFront.

## **Coding Challenges Details:**

### **Program 1:**

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)]
```

```
# Test case 1
```

```
mat = [ [1, 2, 3, 4 ],
        [5, 6, 7, 8 ],
        [9, 10, 11, 12 ],
        [13, 14, 15, 16 ] ]
```

```
'''
```

```
# Test case 2
```

```
mat = [ [1, 2, 3 ],
```

```
[4, 5, 6 ],  
[7, 8, 9 ] ]
```

```
# Test case 3  
mat = [ [1, 2 ],  
        [4, 5 ] ]
```

```
'''
```

```
rotateMatrix(mat)
```

```
displayMatrix(mat)
```

Output :

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