# **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	20/06/202	20	Name:	Prathiksha		
Sem & Sec	8 <sup>th</sup> sem &	z B sec	USN:	4AL16CS070		
Online Test Summary						
Subject -						
Max. Marks -			Score	-		
Certification Course Summary						
Course	Course Introduction to Amazon Elastic Compute Cloud (EC2).					
Certificate Provider		AWS	Duration		10 min	
Coding Challenges						
Problem Statement:						
1. Python program to rotate a matrix right by k times.						
Status: Solved						
Uploaded th	e report ir	ı Github	Yes			
If yes Repository name			Prathiksha			
Uploaded the report in slack			Yes			
L			I			

### **Online Test Details:**

No test conducted.

#### **Certification Course Details:**

## What is EC2?





# **ELASTIC COMPUTE CLOUD**

- Application Server
- Web Server
- Database Server
- Game Server
- Mail Server
- Media Server
- Catalog Server
- File Server
- Computing Server
- Proxy Server
- Etc.





## Certificate of Completion Prathiksha

Has successfully completed Introduction to Amazon Elastic Compute Cloud (EC2)

Wanner Joresga

10 minutes

20 June, 2020

Director, Training and Certification

Duration

**Completion Date** 

**Topic**: Introduction to Amazon Elastic Compute Cloud (EC2).

### **Coding Challenges Details:**

## **Program 1:**

```
M = 3
N = 3
matrix = [[12, 23, 34],
      [45, 56, 67],
      [78, 89, 91]]
# function to rotate
# matrix by k times
def rotateMatrix(k) :
  global M, N, matrix
  # temporary array
  # of size M
  temp = [0] * M
  # within the size
  # of matrix
  k = k \% M
  for i in range(0, N):
     # copy first M-k elements
     # to temporary array
     for t in range(0, M - k):
       temp[t] = matrix[i][t]
     # copy the elements from
     # k to end to starting
     for j in range(M - k, M):
       matrix[i][j - M + k] = matrix[i][j]
     # copy elements from
     # temporary array to end
     for j in range(k, M):
       matrix[i][j] = temp[j - k]
# function to display
# the matrix
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 ()
```

# Driver code k = 2

# rotate matrix by k rotateMatrix(k)

# display rotated matrix displayMatrix()