

DAILY ONLINE ACTIVITIES SUMMARY

Date:	20/06/2020	Name:	Anagha Iyengar S
Sem & Sec	8 th sem,A	USN:	4AL16CS011
Online Test Summary			
Subject	-		
Max. Marks	-	Score	-
Certification Course Summary			
Course	AI : Computer Vision Essentials		
Certificate Provider	Great Learning Academy	Duration	5hr
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		anaghaiyengar	
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)



Case Study : AlexNet	100%	✓
Case Study : ZFNet and VGGNet	100%	✓
Case Study : GoogLeNet	100%	✓
Case Study : ResNet	100%	✓
GPU vs CPU	100%	✓
Transfer Learning Principles and Practice	100%	✓
Hands-on Keras Demo: SVHN Transfer Learning from MNIST Dataset	100%	✓
SVHN_CNN_Transfer.ipynb		📄
mn_mnist_weights.h5		📄
Data set- SVHN Single gray 1.15		🔗
Visualization (on poocaps, occlusion experiment)	100%	○
Hands on demo -T-SNE	100%	○
T-SNE MNIST.ipynb		📄

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()
```