DAILY ONLINE ACTIVITIES SUMMARY

Date:	**19/06/2020**	**Name:**	**Vishwas Acharya**
Sem & Sec	**8th- A**	**USN:**	**4AL16CS002**

Online Test Summary

Subject	**BDA**		
Max. Marks	**30**	**Score**	**26**

Certification Course Summary

Course	**The Data Science Course 2020:Complete Data Science Bootcamp**		
Certificate Provider	**Udemy**	**Duration**	**29hours**

Coding Challenges

Problem Statement:
Python Function to rotate the matrix 90 degree clockwise

Status: Executed

Uploaded the report in Github	**Yes**
If yes Repository name	**vishwas_acharya**
Uploaded the report in slack	**Yes**

Online Test Details:

TECHGIG

Hi Vishwas Acharya,

You have scored **26 marks** in **Module 2**.

See Assessment

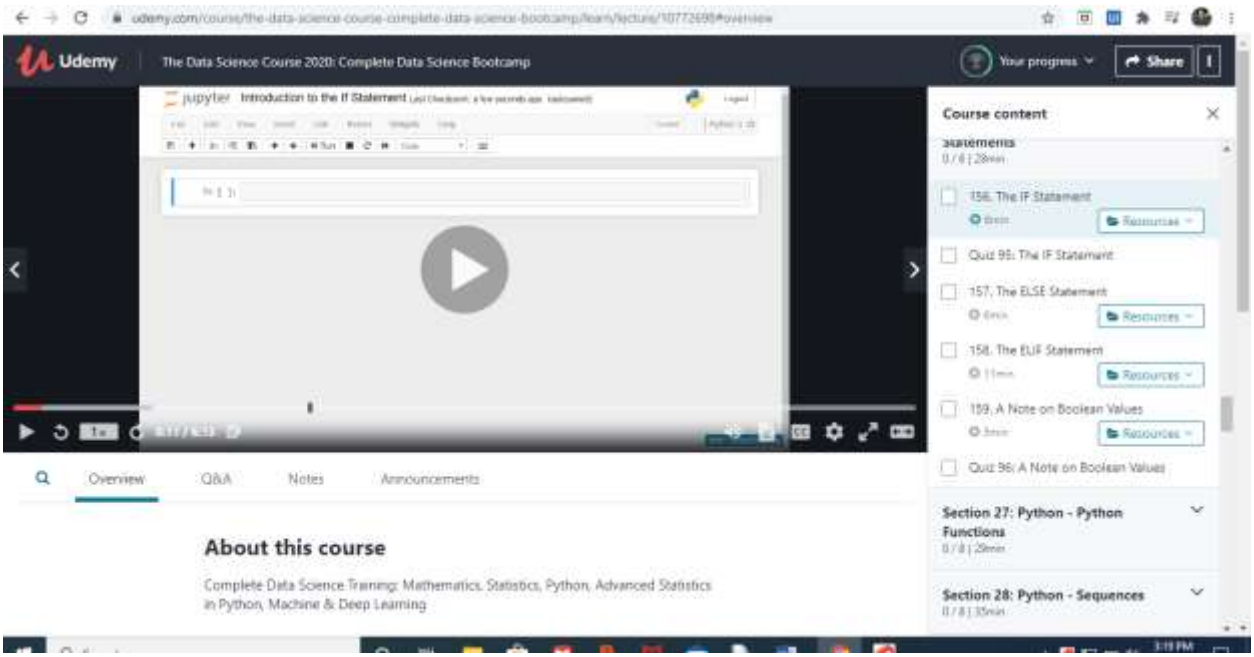
About The Assessment

CSE_BDA_9

Round 1 ends on: 19 Jun, 2020

Warm Regards,
TechGig Team

Certification Course Details:



Coding Challenges Details:

program36.py - C:\Users\lenovo\Desktop\vishwas_acharya\coding_solutions\program36.py (3.8.1)

File Edit Format Run Options Window Help

```
# Function to rotate the matrix 90 degree clockwise
def rotate90Clockwise(A):
    N = len(A[0])
    for i in range(N // 2):
        for j in range(i, N - i - 1):
            temp = A[i][j]
            A[i][j] = A[N - 1 - j][i]
            A[N - 1 - j][i] = A[N - 1 - i][N - 1 - j]
            A[N - 1 - i][N - 1 - j] = A[j][N - 1 - i]
            A[j][N - 1 - i] = temp
def printMatrix(A):
    N = len(A[0])
    for i in range(N):
        print(A[i])
A = [[1, 2, 3, 4],
     [5, 6, 7, 8],
     [9, 10, 11, 12],
     [13, 14, 15, 16]]
rotate90Clockwise(A)
printMatrix(A)
```

Python 3.8.1 Shell

File Edit Shell Debug Options Window Help

```
Python 3.8.1 (tags/v3.8.1:1b293b6, D
ec 18 2019, 23:11:46) [MSC v.1916 64
bit (AMD64)] on win32
Type "help", "copyright", "credits"
or "license()" for more information.
>>>
= RESTART: C:\Users\lenovo\Desktop\v
ishwas_acharya\coding_solutions\prog
ram36.py
[13, 9, 5, 1]
[14, 10, 6, 2]
[15, 11, 7, 3]
[16, 12, 8, 4]
>>>
```

Ln: 9 Col: 4