DAILY ASSESSMENT FORMAT

Date:	22/05/2020	Name:	Abhishek
Course:	Career Edge - Knockdown the Lockdown	USN:	4al17ec001
Topic:	1] Understand Artificial Intelligence (AI) - Part 1 2] Understand Artificial Intelligence (AI) - Part 2 3] Assessment	Semester & Section:	6th 'A'
Github Repository:	Abhishek-online-courses		

FORENOON SESSION DETAILS
Image of session

This is to certify that

Abhishek A

has successfully completed

Career Edge - Knockdown the Lockdown

online course offered by TCS iON

Start Date: 17 May 2020 | **End Date:** 22 May 2020

Topics:

- Communication Skills ■ Presentation Skills ■ Soft Skills ■ Career Guidance Framework ■ Resume Writing
- Group Discussion Skills ■ Interview Skills ■ Business Etiquette ■ Effective Email Writing ■ Telephone Etiquette
- Accounting Fundamentals ■ IT Foundational Skills ■ Overview of Artificial Intelligence* (Source: NPTEL)

CERTIFIED
Cert. ID.: 4·8315916·1016
Dated: 22 May 2020

Mehul Mehta
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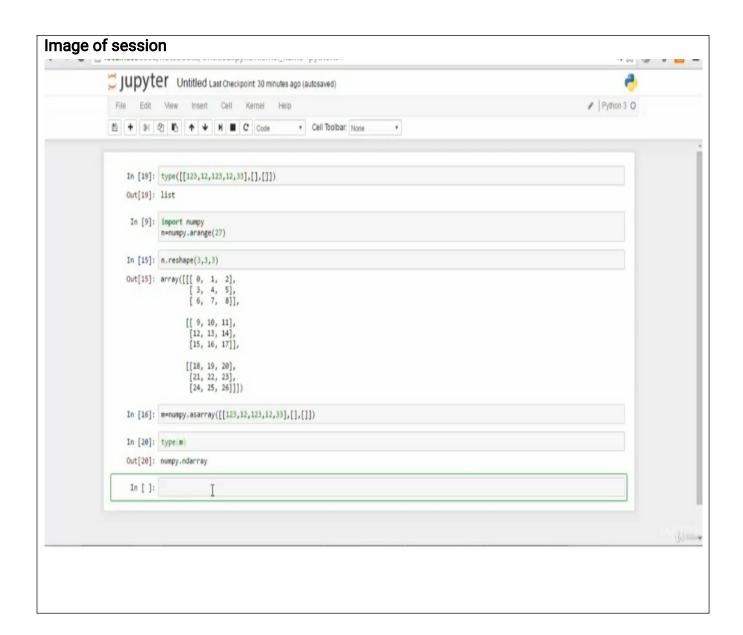**Mehul Mehta**
Global Delivery Head, TCS iON

Understand Artificial Intelligence (AI) - Part 1

- Introduction to AI

- Approaches to AI

- Turing test

- Application of AI

- Foundations required for AI – Philosophy, Mathematics, Computer Engineering, Psychology, Biology, Economics, Linguistics, etc.

Understand Artificial Intelligence (AI) - Part 2

- Agents operate in an environment and then perceives its environment through sensors.Then acts upon the environment through actuators/effectors.

- An agent program maps from percept to action and updates its internal state.

Assessment

- Final assessment test containing all the topics covered from Day1 to Day14 in the course.

Date:	22/05/2020	**Name:**	Abhishek
Course:	The Python Mega Course: Build 10 Real World Applications	**USN:**	4al17ec001
Topic:	1] Numpy	**Semester & Section:**	6th 'A'

AFTERNOON SESSION DETAILS

Image of session

```
In [19]: type([[123,12,123,12,33],[],[]])

Out[19]: list

In [9]: import numpy
        n=numpy.arange(27)

In [15]: n.reshape(3,3,3)

Out[15]: array([[[ 0,  1,  2],
                 [ 3,  4,  5],
                 [ 6,  7,  8]],

                [[ 9, 10, 11],
                 [12, 13, 14],
                 [15, 16, 17]],

                [[18, 19, 20],
                 [21, 22, 23],
                 [24, 25, 26]]])

In [16]: m=numpy.asarray([[123,12,123,12,33],[],[]])

In [20]: type(m)

Out[20]: numpy.ndarray

In [ ]:
```

Report

Numpy

- Introduction of numpy library.

- Convert images to Numpy arrays.

- Indexing, slicing and iterating numpy.

- Stacking and splitting numpy arrays.