DAILY ASSESSMENT FORMAT

Date:	22 may 2020	Name:	Sushmitha R Naik
Course:	TCSION CARRIER EDGE	USN:	4al17ec090
Topic:	Understanding Artificial Intelligence	Semester & Section:	6th B
GitHub Repository:	Sushmitha_naik		

FORENOON SESSION DETAILS
Image of session

Final Assessment							
Total Marks	Pass Marks	Attempts Taken	Duration	Start Time		View Assessment Analysis	Already cleared assessment.
30.0	18.0	01	30 Mins	17 May 2020 12:00 AM TO 16 Jul 2020 12:00 AM		At the End of Assessment	

My Attempts

Attempted On	Attempted Duration (Submission Time)	Marks Obtained	Status	Action
22 May 2020 11:12 AM	0:20:58 Hrs(11:33 AM)	20.0/30.0	Pass	-

Report – Understanding Artificial Intelligence

Artificial Intelligence is a broad branch of computer science, aiming to create systems that can function intelligently and independently just like humans.

AI is an imitation of human intelligence processes by machines. The intelligence processes include learning, reasoning, and self-correction. Specific AI applications include machine vision, speech recognition, and expert systems.

What we learnt is:

AI Development has the potential to reconstruct the businesses with its innovative features like natural language processing, machine learning, image processing, and robotic process automation.

CERTIFICATE:

TCS iON | Digital Learning Hub
Learn, Share, Collaborate

TATA CONSULTANCY SERVICES

This is to certify that

SUSHMITHA R NAIK

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)
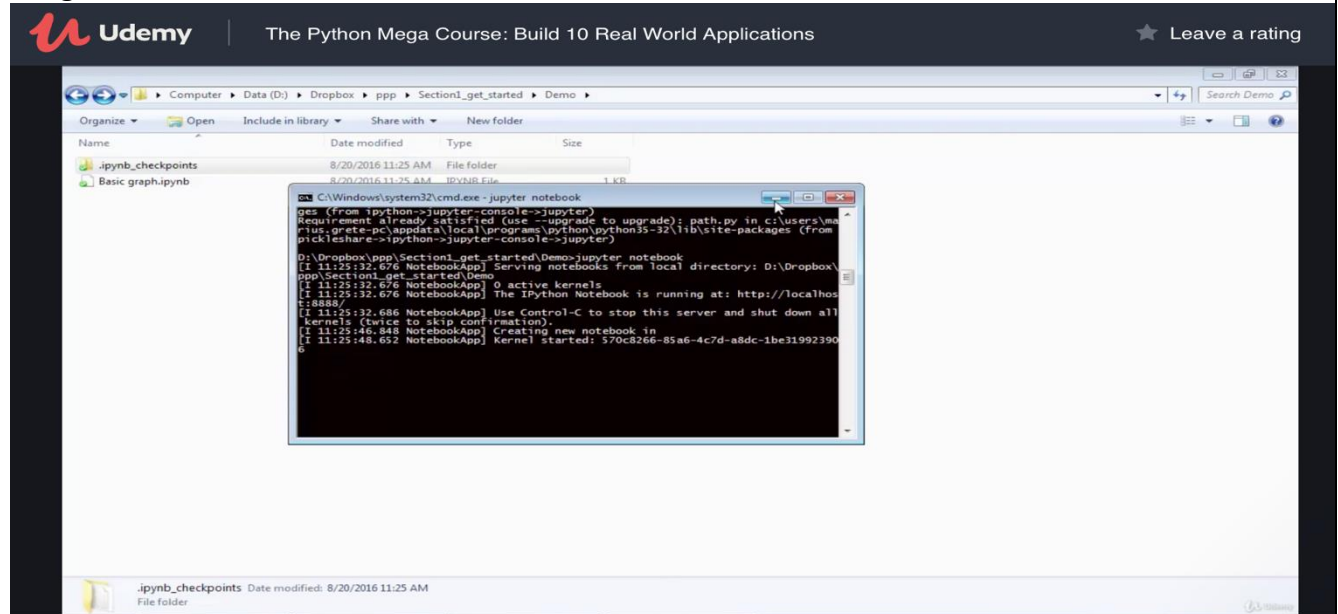
CERTIFIED
Cert. ID.: 4-8314393-1016
Dated: 22 May 2020

Mehul Mehta

Mehul Mehta
Global Delivery Head, TCS iON

Date:	22 may 2020	Name:	Sushmitha R Naik
Course:	PYTHON	USN:	4al17ec090
Topic:	Create Web maps With Python And Folium	Semester & Section:	6th B

AFTERNOON SESSION DETAILS

Image of session


```
In [40]: t
Out[40]: ('a', 'a', 'b', 'c', 'c', 'c')

In [41]: mylist = [1,2,3]

In [42]: mylist[0]
Out[42]: 1

In [43]: t[0]
Out[43]: 'a'

In [44]: mylist[0] = 500

In [45]: mylist
Out[45]: [500, 2, 3]

In [46]: t[0] = 900

---------------------------------------------------------------------------
TypeError                                 Traceback (most recent call last)
<ipython-input-46-712031204c4d> in <module>()
----> 1 t[0] = 900

TypeError: 'tuple' object does not support item assignment


In [72]: myset = set()

In [73]: myset
```

Report:
Define a function:

```
def cube_volume(a):
    return a * a * a
```

Write a conditional block:

```
message = "hello there"

if "hello" in message:
    print("hi")
else:
    print ("I don't understand")
```

Write a conditional block of multiple conditions:

```
message = "hello there"

if "hello" in message:
    print("hi")
elif "hi" in message:
    print("hi")
elif "hey" in message:
    print("hi")
else:
    print ("I don't understand")
```

Use the and operator to check if both conditions are True at the same time:

```
x = 1
y = 1

if x == 1 and y==1:
    print("Yes")
else:
    print("No")
```

Output is yes since both x and y are 1.

Use the or operator to check if at least one condition is True:

```
x = 1
y = 2

if x == 1 or y==2:
```

```
    print("Yes")
else:
    print("No")
```

Output is yes since x is 1.

Check if a value is of a certain type with:

```
is instance ("abc", str)
is instance ([1, 2, 3], list)
```

or

```
type("abc") == str
type ([1, 2, 3]) == lst
```