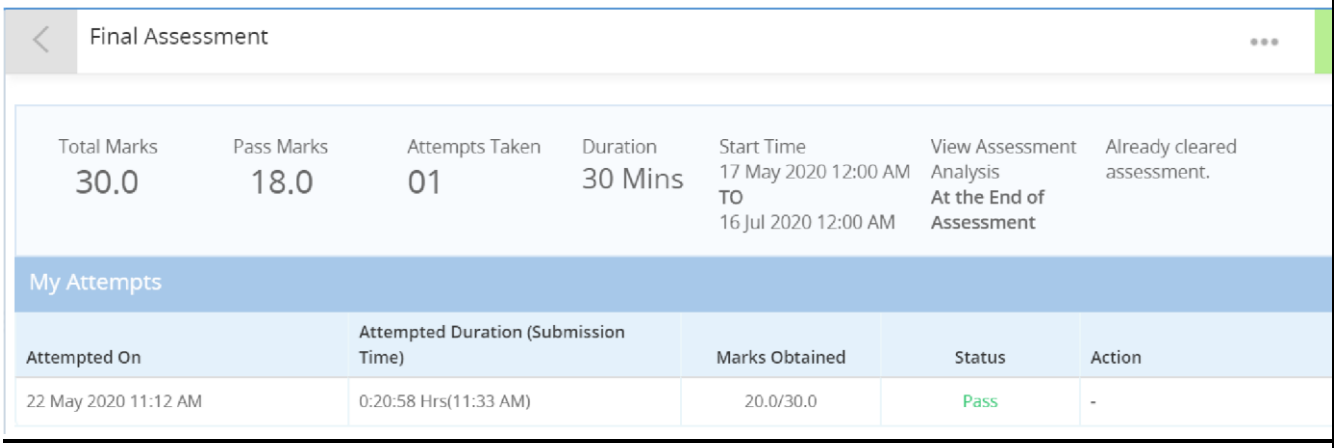
DAILY ASSESSMENT FORMAT

Date:	22 may 2020	**Name:**	Poorvi hj
Course:	TCSION CARRIER EDGE	**USN:**	4al17ec071
Topic:	Understanding Artificial Intelligence	**Semester & Section:**	6th B
GitHub Repository:	Poorvi-2000		

FORENOON SESSION DETAILS

Image of session



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.

What can narrow aido?

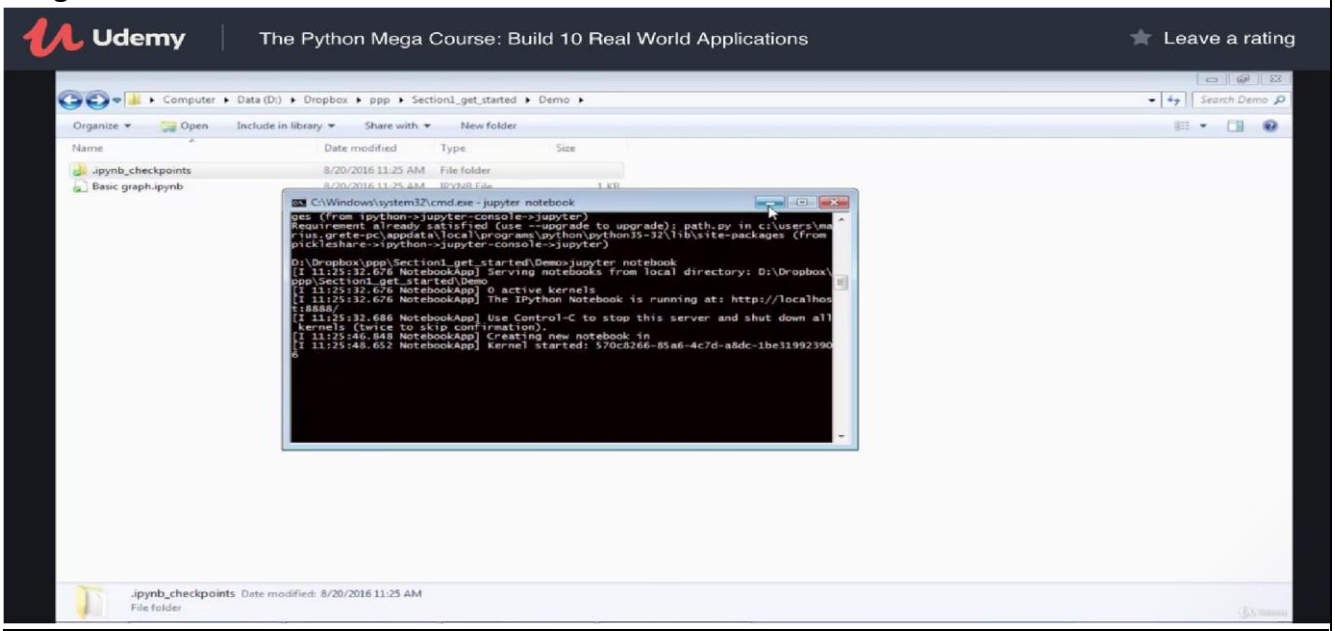
There are a vast number of emerging application for narrow AI; interpreting feeds from drones carrying out visual inspections of infrasturctur such as oil pipelines

What is uses of AI

At a very high level artificial intelligence can be split into two board types : narrow and general AI. Narrow AI is what we can see all around us in computers today : intelligent system that have been tought or learned how to carry out specific tasks without being explicity programmed how to do so

Date:	**22 may 2020**	**Name:**	**Poorvi hj**
Course:	**PYTHON**	**USN:**	**4al17ec071**
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:
```

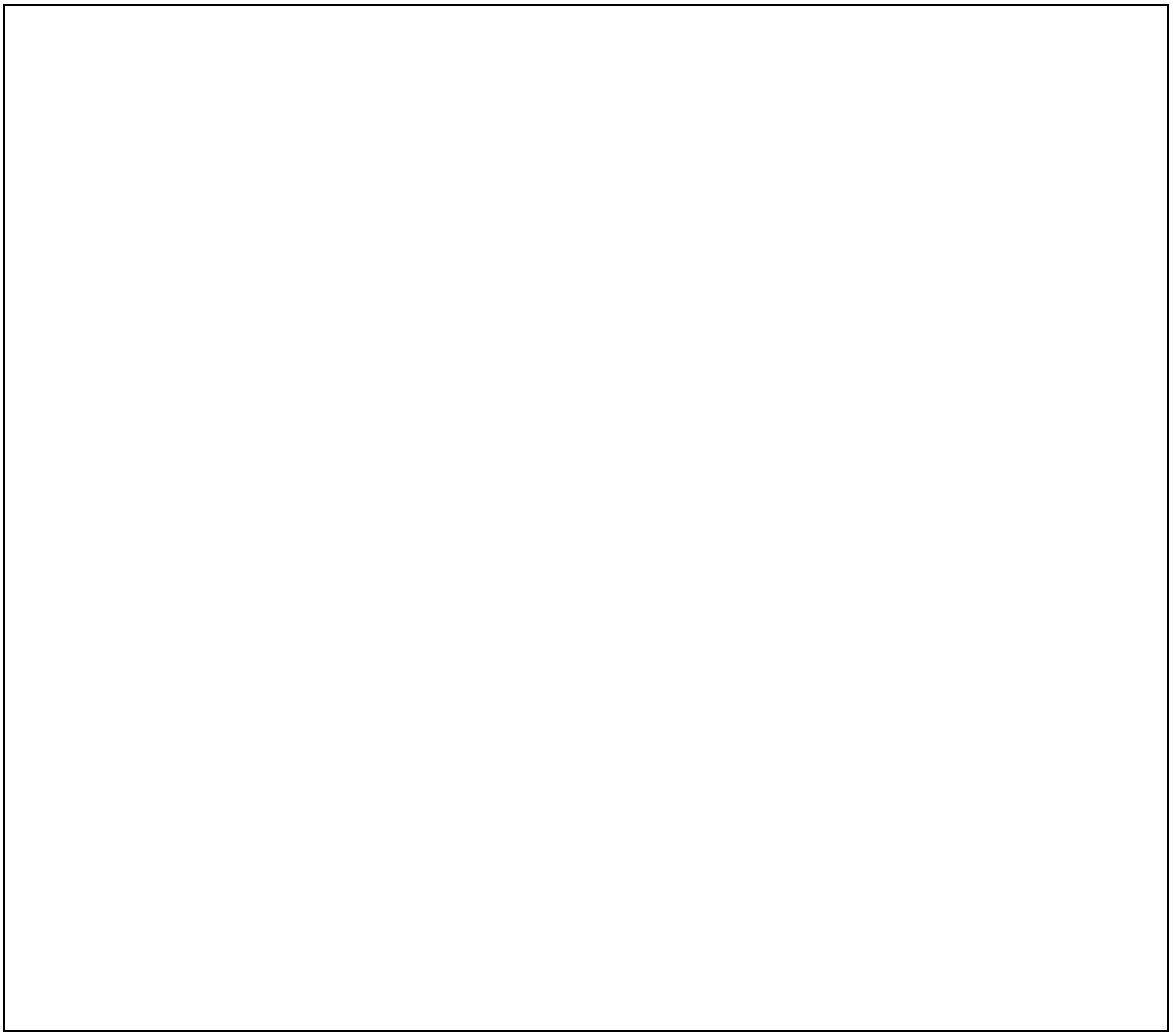
```
   print("Yes")
else:
print("No")
```

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
```