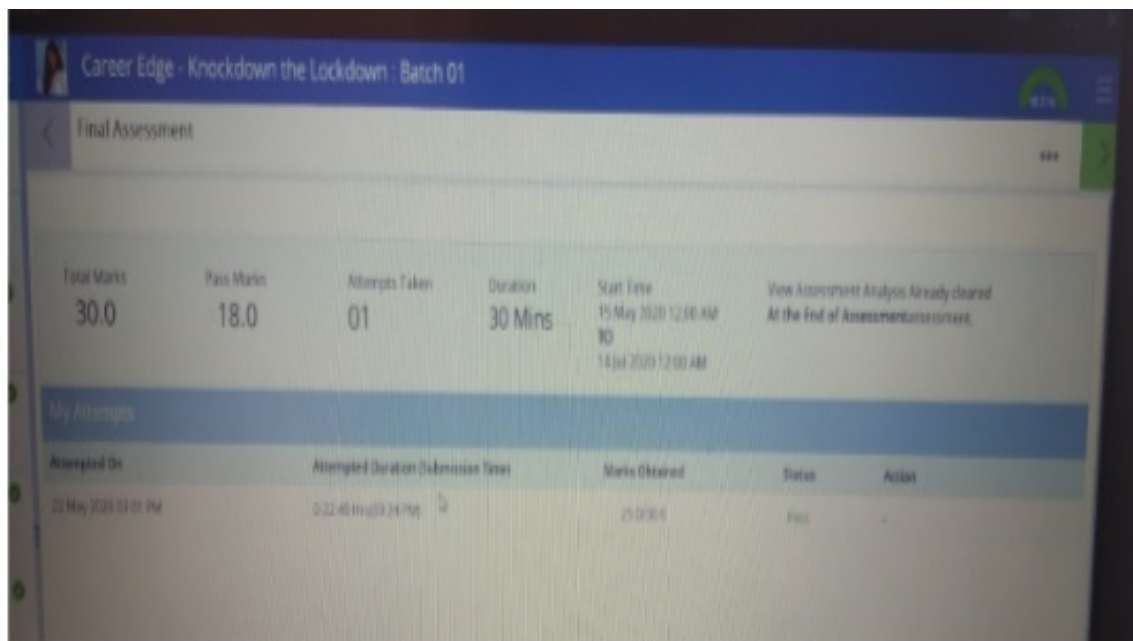
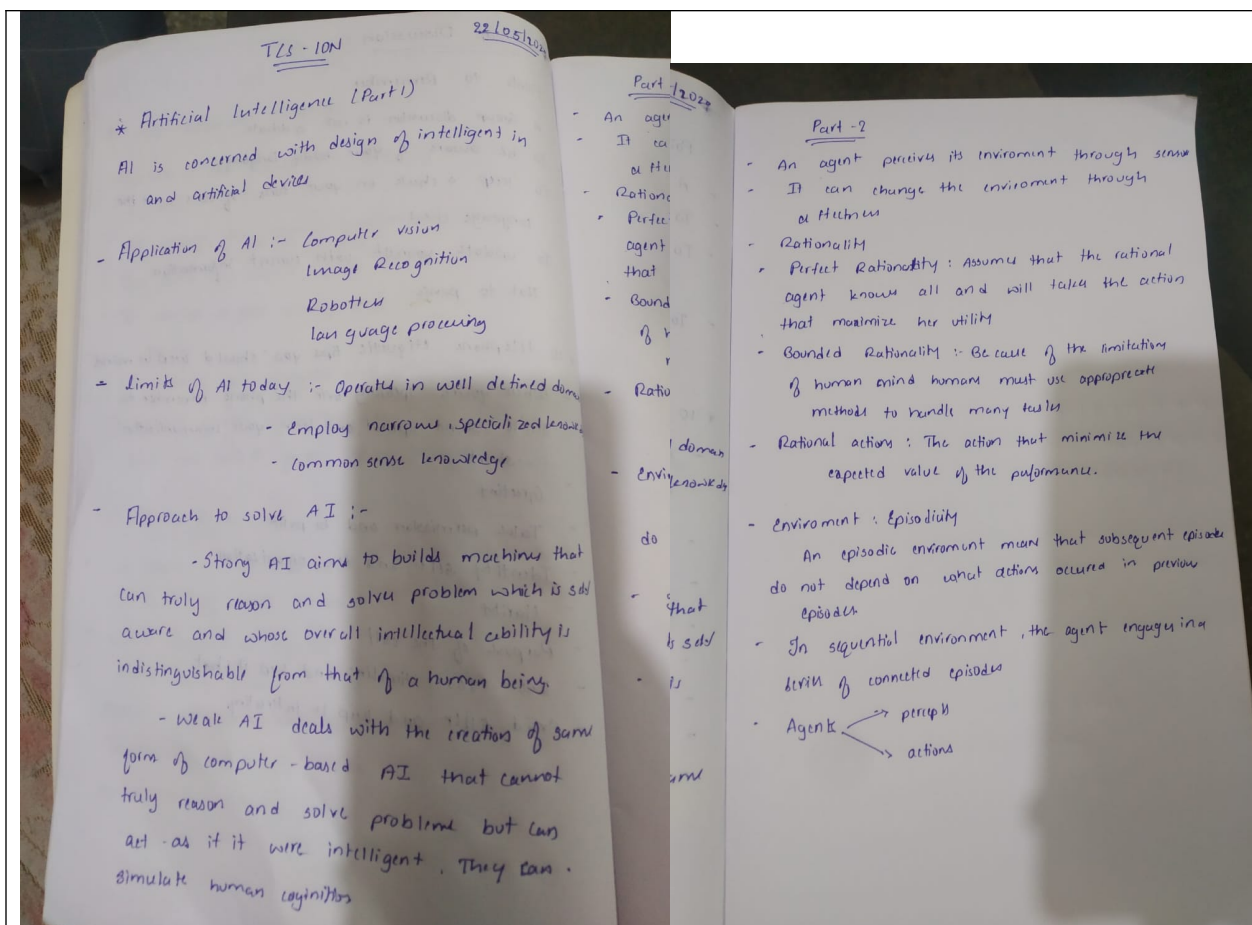


DAILY ASSESSMENT FORMAT

Date:	22-05-2020	Name:	M V Ramya
Course:	TCS ION digital	USN:	4AL17EC045
Topic:	Communication skills, Effective presentation and soft skills	Semester & Section:	6th sem, A sec
Github Repository:	M V Ramya-045		

FORENOON SESSION DETAILS





Date: 22 May 2020

Name: MV Ramya

Course: python

USN: 4AL17EC045

Topic: Basics

Semester &
 Section:

6th sem Asec

AFTERNOON SESSION DETAILS

Image of session



Edit with WPS Office

Python

22/05/2022

Application 2:- Create webmaps with python & folium

Webmap is a map that is displayed by the browser and can be visited by the web.

The base map we need to use library called folium. To install folium type - pip install folium.

```
map = folium.Map(location=[50, -100])
map.save("map1.html")
```

```
file = "Mapbox bright"
file = "Stamen Terrain"
```

Both type of basemaps, but mapbox bright doesn't work anymore. Stamen terrain works great.

Import folium

```
map = folium.Map(location=[55.58, -94.04], zoom_start=10,
file = "mapbox bright")
```

```
fg = folium.FeatureGroup(name="my map")
```

```
fg.add_child(folium.Marker(location=[38.2, -94.1],
```

```
popup="Hi I'm a marker", icon=folium.Icon
```

```
map.add_child(fg) (color="green")
```

```
map.save("map1.html")
```

Adding

for

we can

colour

def

Adding multiple point

for coordinates in [[38.2, -94.1], [39.2, -97.1]]:

we can use HTML in the popup windows

colour point

def color - produce (elevation):

if elevation < 1000:

return 'green'

elif 1000 <= elevation < 2000:

return 'orange'

else:

return 'red'

• Add & style point

we can use dir(folium) to look for possible methods of creating circle markers

• Learn about population map.

