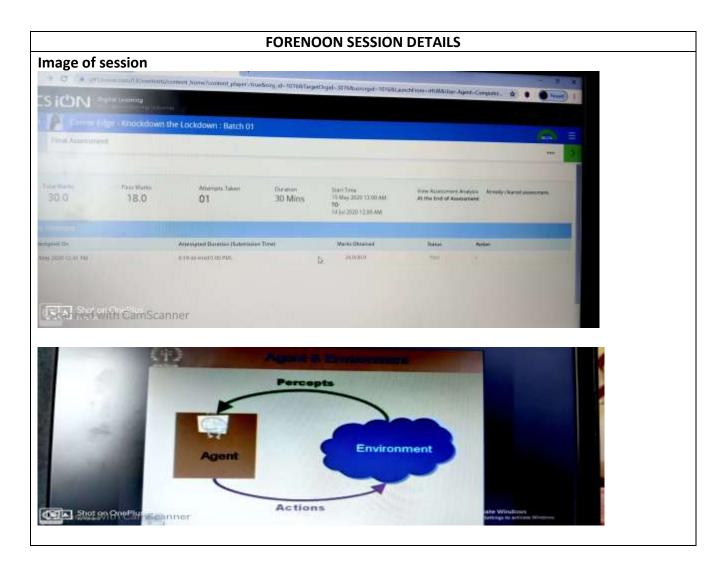
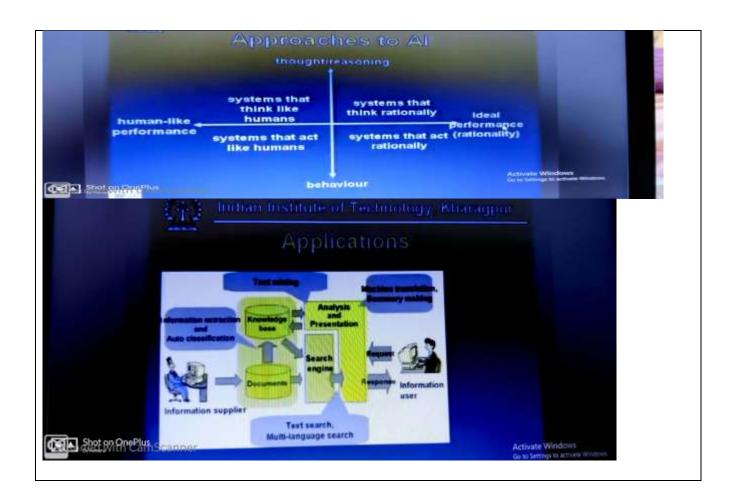
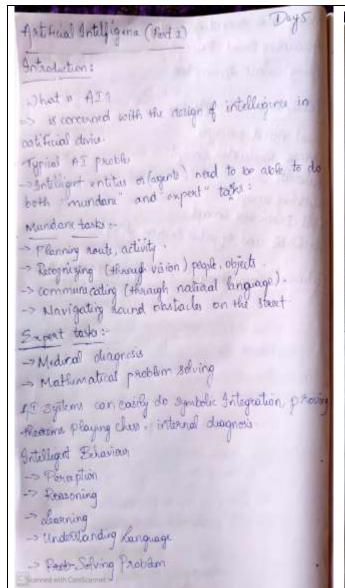
DAILY ASSESSMENT FORMAT

Date:	22 may 2020	Name:	Yamunashree N
Course:	TCS ION CAREER EDGE	USN:	4AL17EC097
Topic:	Understand Artificial Intelligence(AI)-part 1 Understand Artificial Intelligence(AI)-part 2 Assessment	Semester & Section:	6 th sem B sec
Github Repository:	yamunashree-courses		







Applications 1 - Computer Vision - image recognition > Robotia - Kanguage understanding Actorismon Land Vehicle in a Deural Metronic s--1939-Dean Porrentian at CMU quater ALVINN Day Place - 1997 Chair pageam water focusing well class champion, Gary Kasparev in a wasty follow - Machine Pringulation - connegie mellon is working on it own Speechat ter use in doctor patient into-visuos: Approaches to ACE Strong 4I aims to build machines that can truly as ason and asher problems which is a self-award and where overall intellectual ability is indistingu whath from that of a human being -> Non-human like +

Non-human like +

Non-human like +

Non-human like +

Non-human like + based artificial fitelligence that carnot traly reason and solve problems , but can act asit were intelligent Thong AI: maintains that mitably programmed machines are capable of cognitive mental states Applied AT: arms to produce commercially visible Smort Systems

Cognitive AI: - Computers one used to test theory about how the human mind works. Artificial Intelligence Port 25 Senson & E-Hectors: In agent preceives its environment through senses -> The complete set of inputs at a given time is a ... The current percept of a sequence of possepts carried the action of an agent It can change the environment through effectives -> An operation involving an actuator is called an aution - Action can be grouped into action sequences Agents as servers, Actuators Have goals - implement mapping from percept requere to be Examples of Agents: Human - Ecos, Eyes, Taste buds etc. Robot Camera, bumper infrased etc Software ages acount: - Softbot . Episodic Seguential: An episodic environment means that subsequent episodic do not depend on what action occu - Interpresent individual agents

in previous conocus. so a requestial environment the agent engages in a series of connected episodes. Dynanysm stati - does not change when agent a delivered Dynamic > Changes by itself apart from the action agent take Discrete -> If the number of distinct percepts and actions is limited, the envisionment is discrete otherwise it is continuous Knowledge such environment: - enemous amount of information that the environment contains Input rich - the enamous comount of input the environment can send to an aignt t mapping is implicitly defined by a program - rule based -> numal retworks -> algorithm Subsumption Architecture Rodeny Brooks - 1988 Benson input - Athen (lower arimals) Leatures > No explicit knowledge supresentation

Distributed behaviore

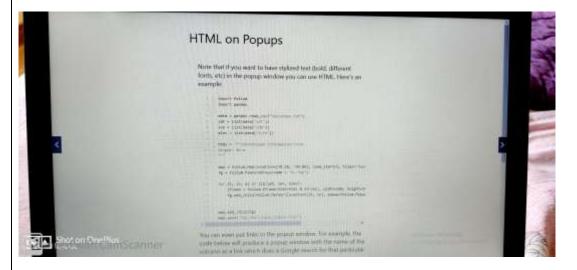
Response to stimule is reflexive

Date:	22 may 2020	Name:	Yamunashree N
Course:	Python Programming	USN:	4AL17EC097
Topic:	Application 2: create webmaps with python and folium	Semester & Section:	6 th sem B sec

AFTERNOON SESSION DETAILS

Image of session





```
Contion 2: Gente Websemaps with
                                      Day 5
often and Folium
Frinstall fainm
 mojar - folium)
                     y Torminal
riga initall jinjan
python
Grate basic Webmap
simport foliam
- mop = tolium - Map / dia (folium)
. help (folium. Map)
  map = felium · Map (location = [80, -100]
- map. save ("Map1. html")
 titles = "Stamen Termian" titles = "Mapbox Bugt
ne bothtypes of bose maps, but map box Bright
desn't work anymore Stamen Permian work great
and you will see it create a Beautiful relay map
Adding Points:
help (follown-Map)
 import folium
map: felium. Map Cloration: [3858,-99 09], 300M-
 state = 6, title = "Mapbox Beight")
 for Folium. Feature Group (name = "My Map")
to add - Sist (felium. Marker (location = [38 2, -99])
```

```
Profes (green's))
  map mad - Wild (fg)
 map have ("maps html"
 Adding Multiple points:
 Import felium
 map: filium Map[loration , [38 58, -99 09] 300m.
                       start = 6. tils = "Kaphar Bough
 to = felium . Feature Group ( name = "My Map")
for weidinate in [[382,-99], [392,-971]].
   to add child (thum marker Cloration = colliderate)
   Popup = " 47 I am a Marker" (con: folium, I con lite
 mag add thild (fg)
map save ("Map! html")
Adding Points from files-
import folium
impert pandos
data: pandas. Road osv ("volcanous tect
lat = lat (data ["LAT"])
lon: list (data ("con"))
map = folium . Map (Ecration = [38-58, -99 09], zoom-
start=6, tile = "Mapbox Baight")
to = folium . Feature (group (name = "my map")
for lt, lin in zip (lat, lon):
    fg and thild I folium marker (location = [lt, la
   popupus "Hi I am a Mocker", icon -felium -Scot
```

```
celes : green (1)
map addishild (49)
map save ("map 1 htlml")
For Windows on Map
der = list (data ["ELEV"])
Colet Points :
import Folium
impert pandas
data = pandas read - csv (" vetcaross - text ")
Eat = list (auta (" LAT"))
 lon = list [data [ "LON"])
elev = lut (dota ["ELEV"])
 def color-producer (elevation):
    if elevation 2 1000:
        Return green
   elif 1000 = elevation = 3000;
     return ' orange'
       return 'red'
 map = folium . May (location = [3858, -9909], 300m.
        start = 6, tiles = " Mapkox Bright")
 fg = felium · featureGroup (name = "My Map")
 for et. en. el in zip (lat, lon, elv):
    fg. add - child (folium. Market Clocation : [lt. ln],
      popups = sta (el) + "m", ion = folium. Ion (color-
                     (dor-parturer (el)))
 map add - child (tg)
  Map. save ("Map1. html")
```