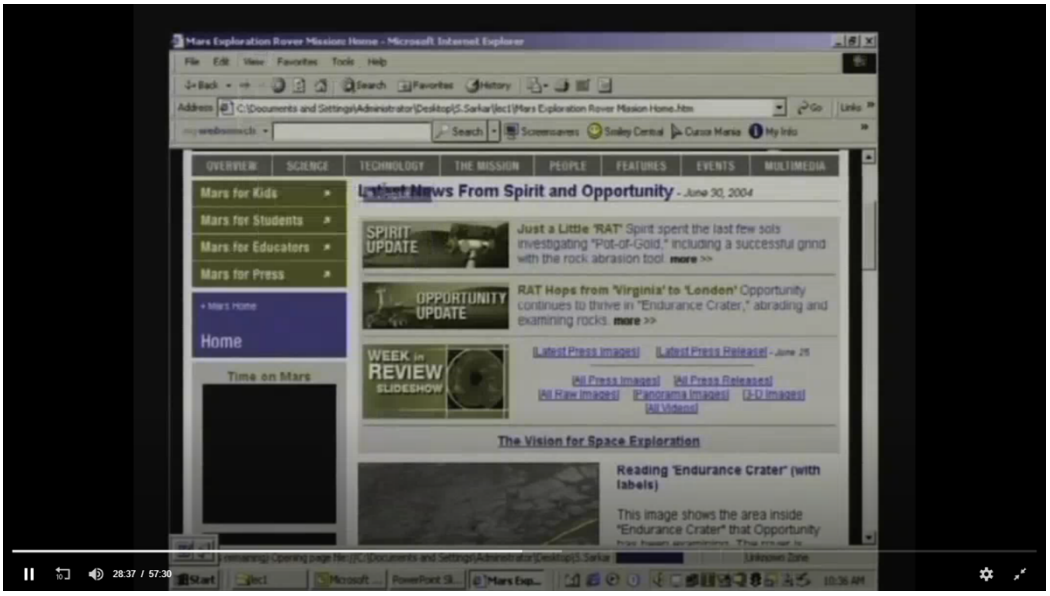
DAILY ASSESSMENT FORMAT

Date:	22/05/2020	Name:	Prajwal Kamagethi Chakravarti P L
Course:	TCSion	USN:	4AL17EC073
Topic:	1. Understand Artificial Intelligence (AI)-Part 1 2. Understand Artificial Intelligence (AI)-Part 2 3. Assessment	Semester & Section:	6 B
Github Repository:	https://github.com/alvas-education-foundation/Prajwal-Kamagethi.git		

FORENOON SESSION DETAILS

Image of session

1. **Understand Artificial Intelligence (AI)-Part 1**



2. **Understanding Artificial Intelligence (AI)-Part 2**

3. **Assessment**

TCS iON | Digital Learning Hub
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TATA CONSULTANCY SERVICES

This is to certify that

Prajwal Kamagethi Chakravarti P L

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.: 4-8314580-1016
Dated: 22 May 2020

Mehul Mehta
Mehul Mehta
Global Delivery Head, TCS iON

Report:

1. **Artificial Intelligence (AI)-Part 1**

In the section, we learnt about the different approaches for AI which are- Thought reasoning, Ideal performance, Behavior, Human performance. We also learnt about the turning test in detail where the computer and human act alike. We discussed about the typical AI problems which includes planning, recognizing etc. AI and its practical impacts were explained as well. We learnt about intelligence about the Mars rover. And then its limits in today's world was explained in detail.

2. Artificial Intelligence (AI)-Part 2

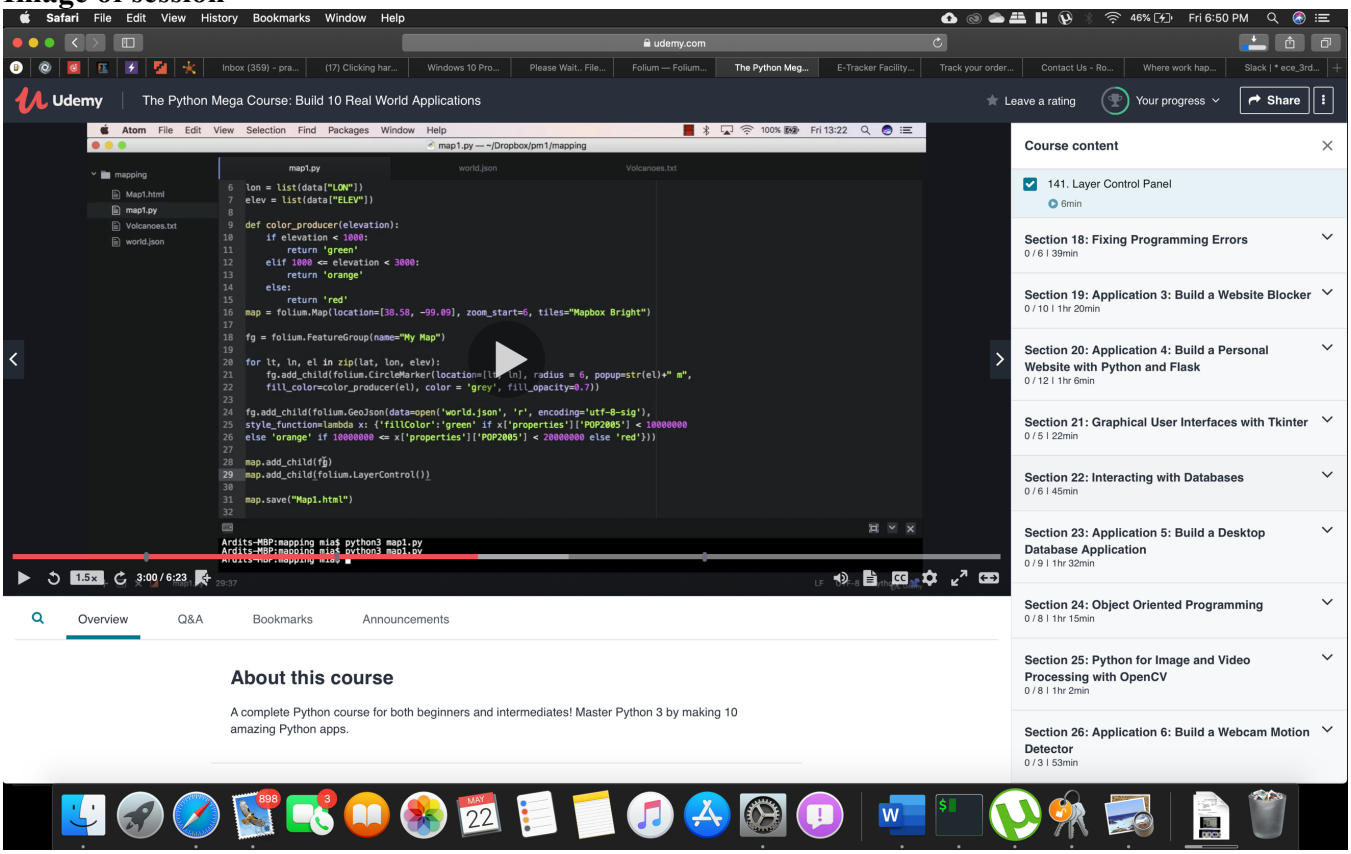
In this section, we studied about what an agent is and how an agent interacts with the environment. Also, to identify the prospects available to the agents and the action that an agent can execute.

To understand the performance evaluation measures of an agent as well was understood. The concept of boundary ratio was told, different architectures, state-based agents, goal-oriented agents, utility agents, learning agents were discussed.

Date:	**22/05/2020**	**Name:**	**Prajwal Kamagethi Chakravarti P L**
Course:	**Udemy-python**	**USN:**	**4AL17EC073**
Topic:	**1. Application 2: Create Web maps with python and folium**	**Semester & Section:**	**6 B**
Github Repository:	**https://github.com/alvas-education-foundation/Prajwal-Kamagethi.git**		

AFTERNOON SESSION DETAILS

Image of session



Report -

Folium is a powerful Python library that helps you create several types of Leaflet maps. To get an idea, just zoom/click around on the next map to get an impression. The Folium github contains many other examples. By default, Folium creates a map in a separate HTML file.
The library has a number of built-in tilesets from OpenStreetMap, Mapbox, and Stamen, and supports custom tilesets with Mapbox or Cloudmade API keys. folium supports both Image, Video, GeoJSON and TopoJSON overlays.

The open source leaflet is a highly popular web mapping tool due to its flexibility.
It is used to initialize a leaflet map. The pandas library is used to read and convert it into the desired data frame. The latitude and longitude are extracted and are used to mark the map. Later, the desired location is marked using the folium attributes.