Ex No: 1 INSTALLATION AND CONFIGURATION OF TENSORFLOW

Aim:

To install and configure TensorFlow in anaconda environment in Windows 10.

Procedure:

1. Download Anaconda Navigator and install.

2. Open Anaconda prompt

3. Create a new environment dlc with python 3.7 using the following command:
   conda create -n dlc python=3.7

4. Activate newly created environment dlc using the following command:
   conda activate dlc

5. In dlc prompt, install tensorflow using the following command:
   pip install tensorflow

6. Next install Tensorflow-datasets using the following command:
   pip install tensorflow-datasets

7. Install scikit-learn package using the following command:
   pip install scikit-learn

8. Install pandas package using the following command:
   pip install pandas

9. Lastly, install jupyter notebook
   pip install jupyter notebook

10. Open jupyter notebook by typing the following in dlc prompt:
    jupyter notebook

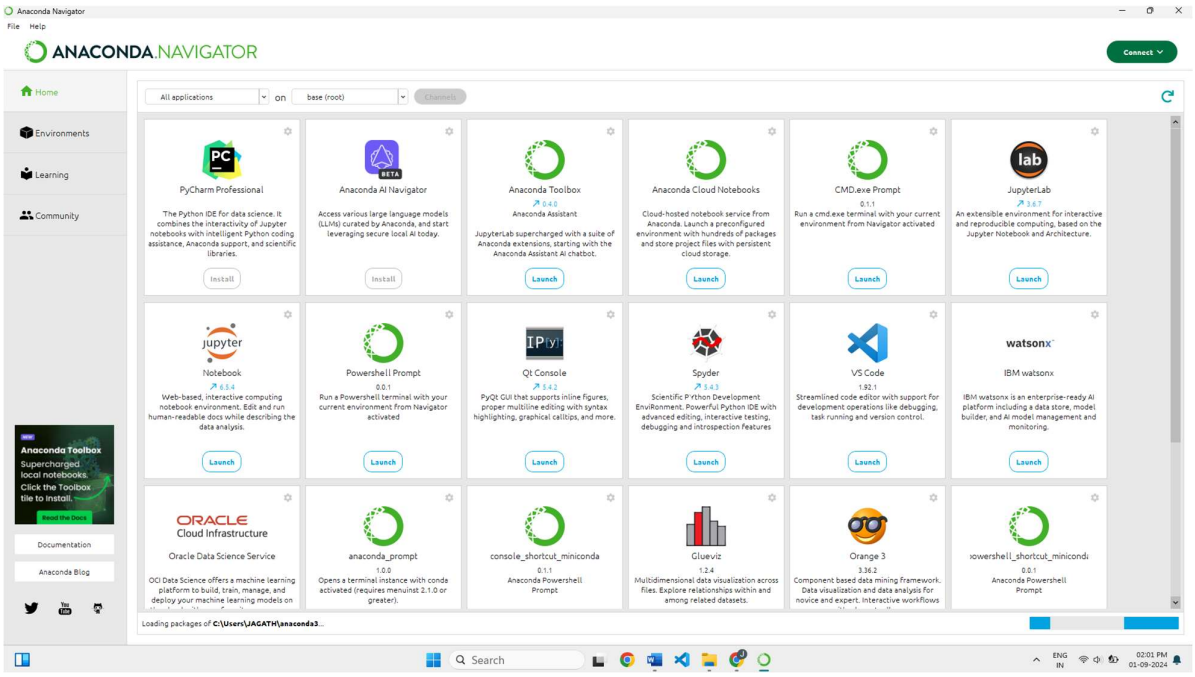
11. Click create new and then choose python 3 (ipykernel)

12. Give the name to the file

13. Type the code and click Run button to execute (eg. Type import tensorflow and then run)

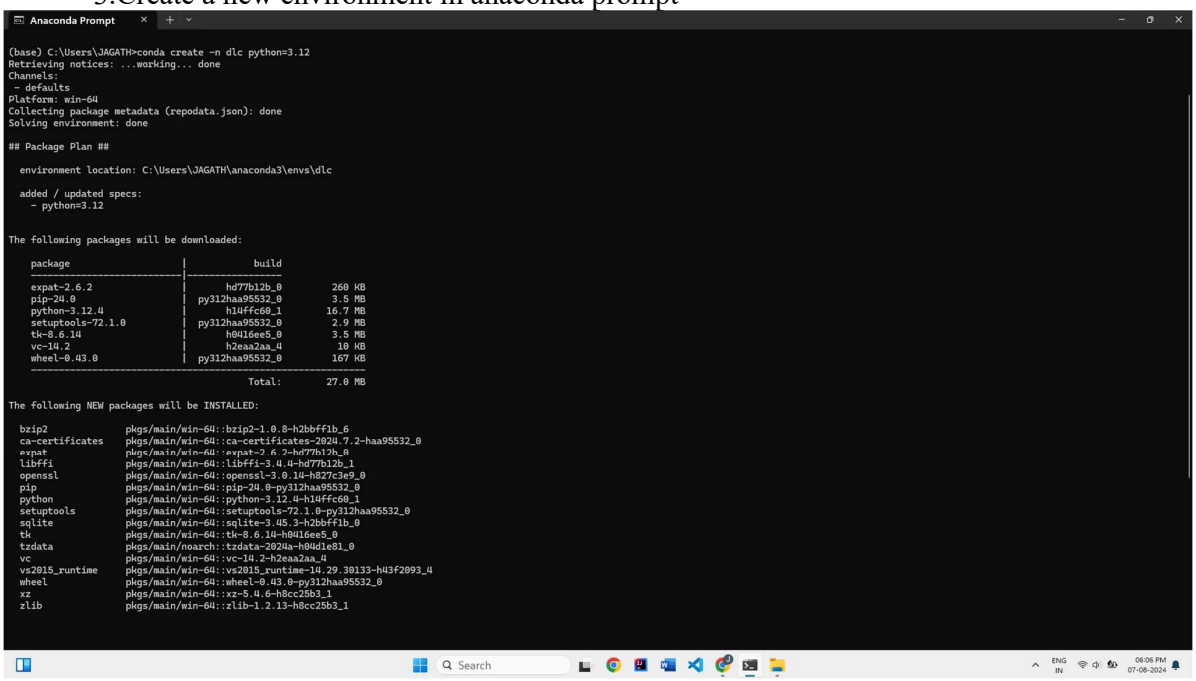
OUTPUT:

1.Download anaconda navigator

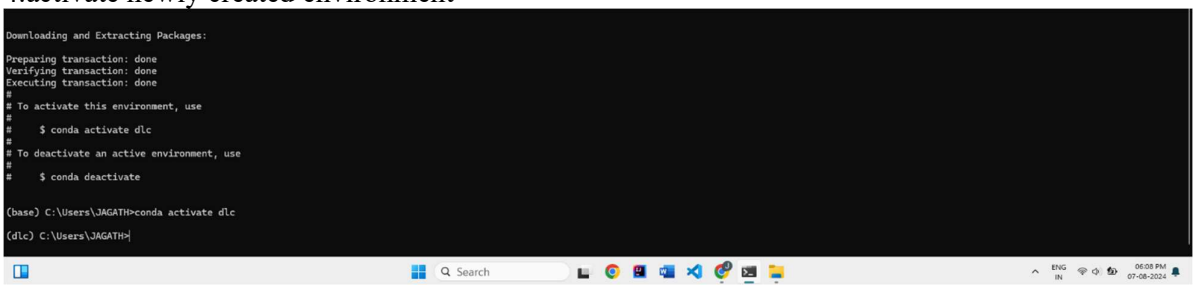


2.open anaconda prompt

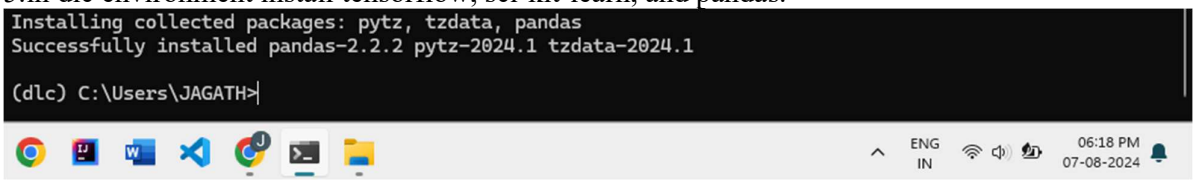
3.Create a new environment in anaconda prompt

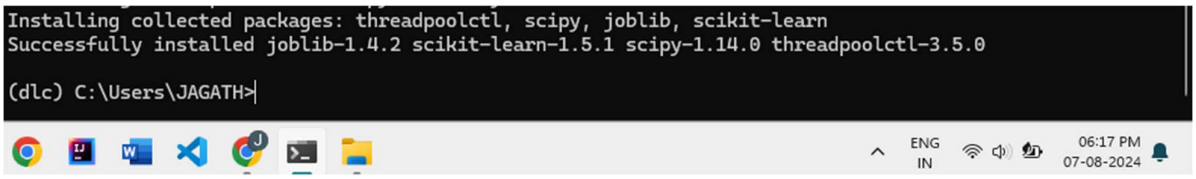


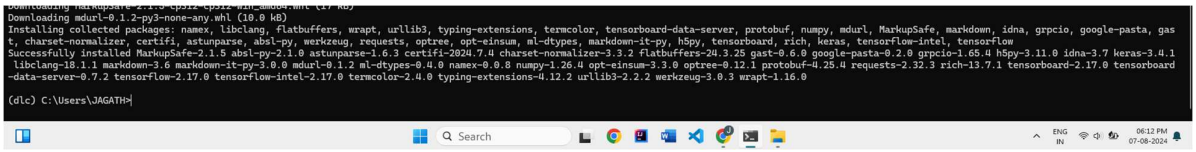
4.activate newly created environment



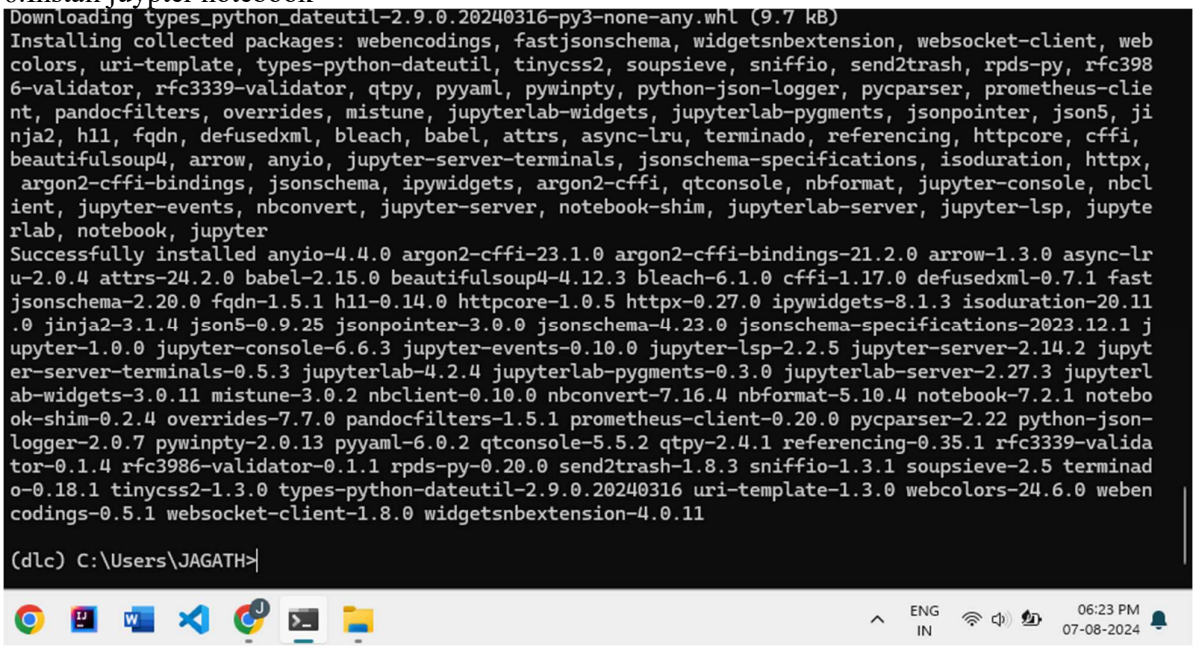
5.in dlc environment install tensorflow, sci-kit-learn, and pandas.



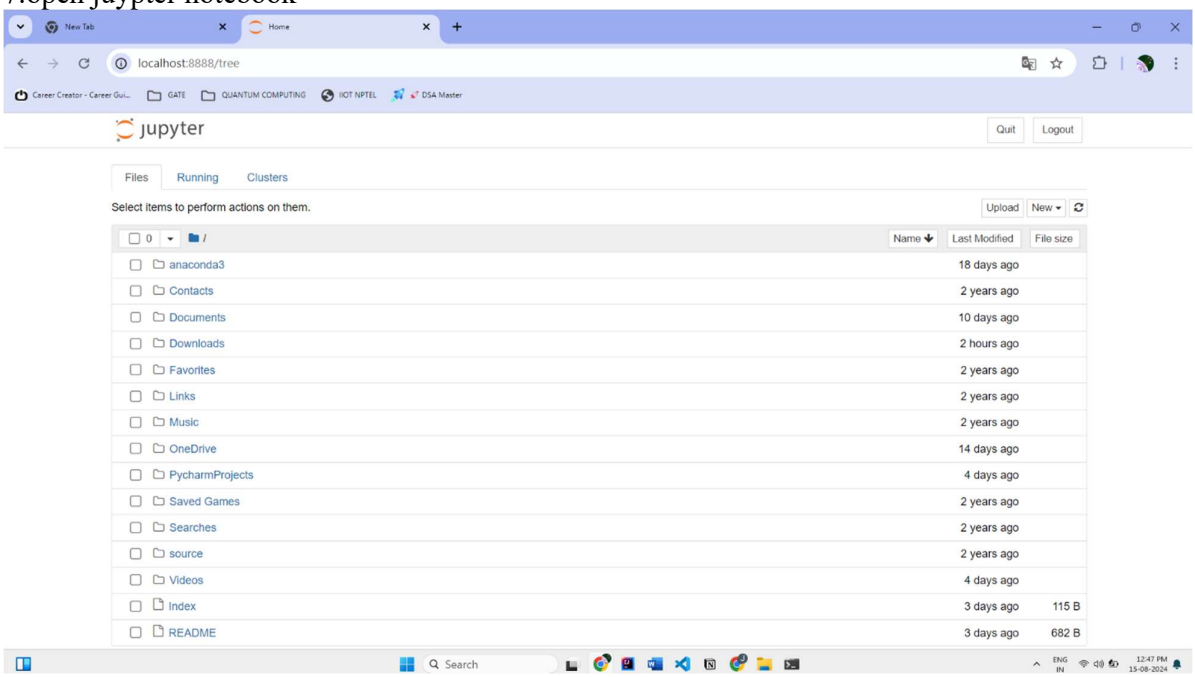




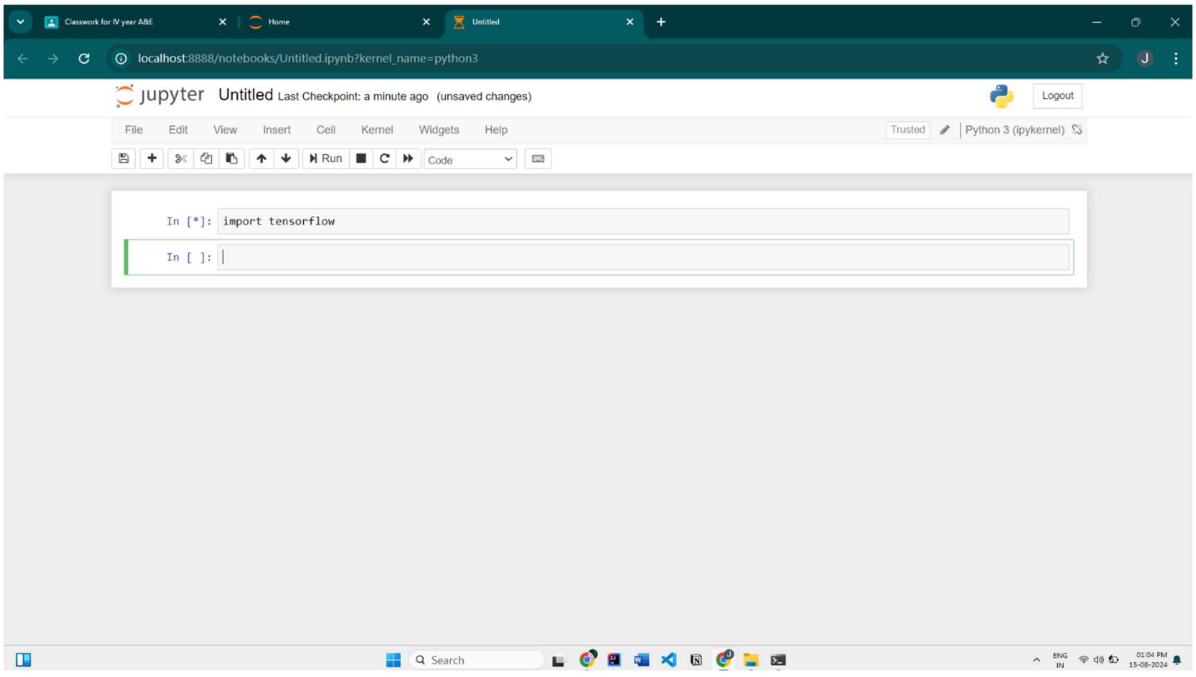
6.Install juypter notebook



7.open juypter notebook



8.import tensorflow and run the cell



Useful Learning Resources:

1. https://docs.anaconda.com/free/anaconda/applications/tensorflow/

2. https://conda.io/projects/conda/en/latest/user-guide/tasks/manage-environments.html#activating-an-environment