WEB SCRAPING

In all the following questions, you have to use BeautifulSoup to scrape different websites and collect data as per the requirement of the question.

Every answer to the question should be in form of a python function which should take URL as the parameter. Use Jupyter Notebooks to program, upload it on your GitHub and send the link of the Jupyter notebook to your SME.

1) Write a python program to display all the header tags from **wikipedia.org.**

2) Write a python program to display **IMDB's Top** rated **100 movies'** data (i.e. **name, rating, year of release**) and make **data frame**.

3) Write a python program to display **IMDB's Top** rated **100 Indian movies'** data (i.e. **name, rating, year of release**) and make **data frame**.

4) Write a python program to scrape cricket rankings from **icc-cricket.com**. You have to scrape:

   a) Top **10 ODI teams** in men's cricket along with the records for **matches, points and rating**.

   b) Top **10 ODI Batsmen** in men along with the records of their **team and rating**.

   c) Top **10 ODI bowlers** along with the records of their **team and rating.**

5) Write a python program to scrape cricket rankings from **icc-cricket.com**. You have to scrape:

   a) Top **10 ODI teams** in women's cricket along with the records for **matches, points and rating**.

   b) Top **10 women's ODI** players along with the records of their **team and rating**.

   c) Top **10 women's ODI all-rounder** along with the records of their **team and rating**.

6) Write a python program to scrape details of all the posts from **coreyms.com**. Scrape the **heading, date, content** and the **code for the video from the link for the youtube video** from the post.

7) Write a python program to scrape house details from mentioned URL. It should include **house title, location, area, EMI and price** from **nobroker.in.**

8) Write a python program to scrape mentioned details from **dineout.co.in** :
   i) Restaurant name
   ii) Cuisine
   iii) Location
   iv) Ratings
   v) Image URL

9) Write a python program to scrape weather details for last 24 hours from **Tutiempo.net** :
   i) Hour
   ii) Temperature
   iii) Wind
   iv) Weather condition
   v) Humidity
   vi) Pressure

10) Write a python program to scrape monument name, monument description, image URL about top 10 monuments from **puredestinations.co.uk.**