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 **'en.wikipedia.org/wiki/Main_Page'.**
2. Write a python program to display IMDB's Top rated 100 movies' data (i.e. Name, IMDB 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, IMDB rating, Year of release) and make data frame.
4. Write a python program to scrap book name, author name, genre and book review of any 5 books from **'www.bookpage.com'**
5. Write a python program to scrape cricket rankings from **'www.icc-cricket.com'**. You have to scrape:
   i) Top 10 ODI teams in men's cricket along with the records for matches, points and rating.
   ii) Top 10 ODI Batsmen in men along with the records of their team and rating.
   iii) Top 10 ODI bowlers along with the records of their team and rating.
6. Write a python program to scrape cricket rankings from **'www.icc-cricket.com'**. You have to scrape:
   i) Top 10 ODI teams in women's cricket along with the records for matches, points and rating.
   ii) Top 10 women's ODI players along with the records of their team and rating.
   iii) Top 10 women's ODI all-rounder along with the records of their team and rating.
7. Write a python program to scrape details of all the mobile phones under Rs. 20,000 listed on Amazon.in. The scraped data should include Product Name, Price, Image URL and Average Rating.
8. Write a python program to extract information about the local weather from the National Weather Service website of USA, **https://www.weather.gov/** for the city, San Francisco. You need to extract data about 7 day extended forecast display for the city. The data should include period, short description, temperature and description.
9. Write a python program to scrape fresher job listings from 'https://internshala.com/'. It should include job title, company name, CTC, and apply date.
10. Write a python program to scrape house details from mentioned url. It should include house title, location, area, emi and price
https://www.nobroker.in/property/sale/bangalore/Electronic%20City?type=BHK4&searchParam=W3sibGF0IjoxMi44N DUyMTQ1LCJsb24iOjc3LjY2MDE2OTUsInBsYWNlSWQiOiJDaElKdy1GUWQ0cHNyanNSSGZkYXpnXzhYRW8 iLCJwbGFjZU5hbWUiOiJFbGVjdHJvbmljIENpdHkifV0=&propertyAge=0&radius=2.0"