ASSIGNMENT-1 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**](https://en.wikipedia.org/wiki/Main_Page)**.**

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

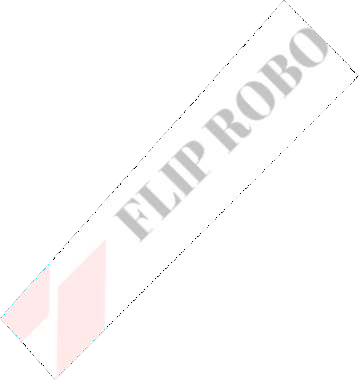


1. Write a python program to display **IMDB’s Top** rated **100 Indian movies’** data (i.e. **name, rating, year of release**) and make **data frame**.



1. Write s python program to display list of respected former presidents of India(i.e. Name , Term of office) from <https://presidentofindia.nic.in/former-presidents.htm>



1. Write a python program to scrape cricket rankings from [**icc-cricket.com**.](https://www.icc-cricket.com/rankings/mens/player-rankings/test) You have to scrape:
   1. Top **10 ODI teams** in men’s cricket along with the records for **matches, points and rating**.
   2. Top **10 ODI Batsmen** along with the records of their **team and rating.**
   3. Top **10 ODI bowlers** along with the records of their **team and rating.**

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1. Write a python program to scrape cricket rankings from [**icc-cricket.com**.](https://www.icc-cricket.com/rankings/womens/player-rankings/odi) You have to scrape:
   1. Top **10 ODI teams** in women’s cricket along with the records for **matches, points and rating**.
   2. Top **10 women’s ODI Batting** players along with the records of their **team and rating**.
   3. Top **10 women’s ODI all-rounder** along with the records of their **team and rating**.



1. Write a python program to scrape mentioned news details from <https://www.cnbc.com/world/?region=world>:
2. Headline
3. Time
4. News Link

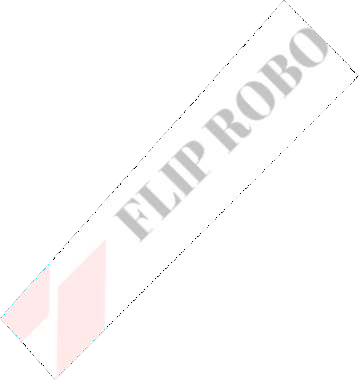


1. Write a python program to scrape the details of most downloaded articles from AI in last 90 days. <https://www.journals.elsevier.com/artificial-intelligence/most-downloaded-articles>

Scrape below mentioned details :

1. Paper Title
2. Authors
3. Published Date
4. Paper URL



1. Write a python program to scrape mentioned details from [**dineout.co.i**](https://www.dineout.co.in/delhi-restaurants/buffet-special)**n** :
2. Restaurant name
3. Cuisine
4. Location
5. Ratings
6. Image URL



1. Write a python program to scrape the details of top publications from Google Scholar from <https://scholar.google.com/citations?view_op=top_venues&hl=en>
2. Rank
3. Publication
4. h5-index
5. h5-median

