1. Wikipedia

Step 1: Import required libraries

```
from bs4 import BeautifulSoup
import requests
```

Step 2: Request to webpage

```
wiki = requests.get('https://en.wikipedia.org/wiki/Main_Page')
wiki
```

Step 3: Page content

```
data = BeautifulSoup(wiki.content)
data
```

Step 4: Scraping Heading

```
heading = []
for i in data.find_all('h2',class_="mp-h2"):
    heading.append(i.text)

heading
```

Step 8: Make data frame

```
import pandas as pd
dataframe=pd.DataFrame({'Heading':heading})
dataframe
```

2. Top 50 movies

Step 1: Import required libraries

```
from bs4 import BeautifulSoup
import requests
```

Step 2: Request to webpage

```
IMBD = requests.get('https://www.imdb.com/chart/top/?sort=ir,desc&mode=simple&page=1')
IMBD
```

Step 3: Page content

```
data = BeautifulSoup(IMBD.content)
data
```

Step 4: Scraping Movie name

```
Movie = []
for i in data.find_all('td',class_="titleColumn"):
    Movie.append(i.text.split('(')[0].replace('\n','').strip(" "))

Movie
```

Step 5: Scraping year

```
Year = []
for i in data.find_all('td',class_="titleColumn"):
    Year.append(i.text.split('(')[1].replace(')\n',''))
```

Year

Step 6: scraping rating

```
rating = []
for i in data.find_all('td',class_="ratingColumn imdbRating"):
    rating.append(i.text.replace('\n',""))
```

```
rating
```

Step 7: Check length

```
print(len(Movie),len(Year),len(rating))
```

Step 8: Make data frame

```
import pandas as pd
dataframe=pd.DataFrame({'Name':Movie,'Rating':rating,'Year of Release':Year,})
dataframe.head(50)
```

Answer 3: Top 50 Indian Movies

Step 1: Import required libraries

```
from bs4 import BeautifulSoup
import requests
```

Step 2: Request to webpage

```
Indian = requests.get('https://www.imdb.com/india/top-rated-indian-movies/')
Indian
```

Step 3: Page content

```
data = BeautifulSoup(Indian.content)
data
```

Step 4: Scraping Movie name

```
Movie = []
for i in data.find_all('td',class_="titleColumn"):
    Movie.append(i.text.split('(')[0].replace('\n','').strip(" "))
```

```
Movie
```

Step 5: Scraping year

```
Year = []
for i in data.find_all('td',class_="titleColumn"):
    Year.append(i.text.split('(')[1].replace(')\n',''))
```

```
Year
```

Step 6: scraping rating

```
rating = []
for i in data.find_all('td',class_="ratingColumn imdbRating"):
    rating.append(i.text.replace('\n',""))
```

```
rating
```

Step 7: Check length

```
print(len(Movie),len(Year),len(rating))
```

Step 8: Make data frame

```
import pandas as pd
dataframe=pd.DataFrame({'Name':Movie,'Rating':rating,'Year of Release':Year,})
dataframe.head(50)
```

Answer 4

Step 1: Import required libraries

```
from bs4 import BeautifulSoup
import requests
```

Step 2: Request to webpage

```
President = requests.get('https://presidentofindia.nic.in/former-presidents.htm')
President
```

Step 3: Page content

```
data = BeautifulSoup(President.content)
data
```

Step 4: Scraping President name

```
Name = []
for i in data.find_all('div',class_="presidentListing"):
   Name.append(i.text.split('(')[0].replace('\n',''))

Name
```

Step 5: Scraping Term

```
Term = []
for i in data.find_all('div',class_="presidentListing"):
   Term.append(i.text.split('\n')[2].replace('Term of Office: ',''))

Term
```

Step 6: Check length

```
print(len(Name),len(Term))
```

Step 7: Make data frame

```
import pandas as pd
dataframe=pd.DataFrame({'Name':Name,'Term Of Office':Term})
dataframe
```

Answer 5- need help

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

Answer 6- need help

Answer 7

Step 1: Import required libraries

```
from bs4 import BeautifulSoup
import requests
```

Step 2: Request to webpage

```
news = requests.get('https://www.cnbc.com/world/?region=world')
news
```

Step 3: Page content

```
data = BeautifulSoup(news.content)
data
```

Step 4: Scraping Headline

```
Headline = []
for i in data.find_all('div',class_="LatestNews-headlineWrapper"):
   Headline.append(i.text.split('Ago')[1])

Headline
```

Step 5: Scraping Time

```
Time = []
for i in data.find_all('div',class_="LatestNews-headlineWrapper"):
   Time.append(i.text.split('Ago')[0])

Time
```

Step 6: scraping link

```
Link = []
for i in data.find_all('a',class_="LatestNews-headline"):
   Link.append(i.get('href'))

Link
```

Step 7: Check length

```
print(len(Headline),len(Time),len(Link))
```

Step 9: Make data frame

```
import pandas as pd
dataframe=pd.DataFrame({'Headline':Headline,'Time':Time,'Newslink':Link})
dataframe
```

Answer 8

Step 1: Import required libraries

```
from bs4 import BeautifulSoup
import requests
```

Step 2: Request to webpage

```
books=requests.get('https://www.journals.elsevier.com/artificial-intelligence/most-downloaded-articles')
books
```

Step 3: Page content

```
data = BeautifulSoup(books.content)
data
```

Step 4: Scraping Paper name

```
paper = []
for i in data.find_all('a',class_="sc-5smygv-0 fIXTHm"):
    paper.append(i.text)

paper
```

Step 5: Scraping author

```
author = []
for i in data.find_all('p',class_="sc-1thf9ly-0 sc-1thf9ly-1 iwnLUR fXmEge"):
    author.append(i.text.split('Access')[0])

author
```

Step 6: scraping year

```
year = []
for i in data.find_all('span',class_="sc-1thf9ly-2 dvggWt"):
    year.append(i.text)

year
```

Step 7: scraping link

```
link = []
for i in data.find_all('a',class_="sc-5smygv-0 fIXTHm"):
    link.append(i.get('href'))

link
```

Step 8: Check length

```
print(len(paper),len(author),len(year),len(link))
```

Step 9: Make data frame

```
import pandas as pd
dataframe=pd.DataFrame({'Paper Title':paper,'Authors':author,'Published Date':year,'Paper URL':link})
dataframe
```

Answer 9- Dineout

Step 1: Import required libraries

```
from bs4 import BeautifulSoup
```

```
import requests
```

Step 2: Request to webpage

```
Dine=requests.get('https://www.dineout.co.in/delhi-restaurants/buffet-special')
Dine
```

Step 3: Page content

```
soup = BeautifulSoup(Dine.content)
soup
```

Step 4: Scraping Restaurant name

```
name = []
for i in soup.find_all('a',class_="restnt-name ellipsis"):
    name.append(i.text)

name
```

Step 5: Scraping Cuisine

```
cuisine = []
for i in soup.find_all('span',class_="double-line-ellipsis"):
    cuisine.append(i.text.split('|')[1])

cuisine
```

Step 6: Scraping Location

```
Location = []
for i in soup.find_all('div',class_="restnt-loc ellipsis"):
    Location.append(i.text)

Location
```

Step 7: Scraping Rating

```
rating = []
for i in soup.find_all('div',class_="img-wrap"):
    rating.append(i.text)

rating
```

Step 7: Scraping Images

```
images = []
for i in soup.find_all('img',class_="no-img"):
    images.append(i.get('data-src'))
images
```

Step 8: Check length

```
print(len(name),len(cuisine),len(Location),len(rating),len(images))
```

Step 9: Make data frame

```
import pandas as pd
```

```
dataframe=pd.DataFrame({'Restaurant
name':name,'Cuisine':cuisine,'Location':Location,'Rating':rating,'Image URL':images})
dataframe
```