

1) Write a python program to display all the header tags from wikipedia.org and make data frame.

Basically first we should send a request to the website then create an object soup then find the h1 h2 h3 h4 h5 h6 tags then create a dataframe.

```
from bs4 import BeautifulSoup
import requests
import pandas as pd
response=requests.get("https://en.wikipedia.org/wiki/Main_Page")
soup=BeautifulSoup(response.content,"html.parser")
header_tags=soup.find_all(["h1","h2","h3","h4","h5","h6"])
header_text=[tag.get_text() for tag in header_tags]

df=pd.DataFrame(header_text,columns=['Header'])
df
```

	Header
0	Main Page
1	Welcome to Wikipedia
2	From today's featured article
3	Did you know ...
4	In the news
5	On this day
6	Today's featured picture
7	Other areas of Wikipedia
8	Wikipedia's sister projects
9	Wikipedia languages

2) Write a 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> and make data frame

```
from bs4 import BeautifulSoup
import requests
response=requests.get("https://presidentofindia.nic.in/former-presidents.htm ")
soup=BeautifulSoup(response.content,"html.parser")
table=soup.find_all("table")
names = []
terms = []
for row in table.findAll("desc-sec")[1:]:
    columns = row.find_all("td")
    name = columns[0].text.strip()
    term = columns[1].text.strip()
    names.append(name)
    terms.append(term)
data = {"Name": names, "Term of Office": terms}
df = pd.DataFrame(data)
print(df)
```

