

```
!pip install selenium
```

```
Requirement already satisfied: selenium in c:\users\gaurav kumar\
anaconda3\lib\site-packages (4.8.0)
Requirement already satisfied: urllib3[socks]~=1.26 in c:\users\gaurav
kumar\anaconda3\lib\site-packages (from selenium) (1.26.9)
Requirement already satisfied: trio-websocket~=0.9 in c:\users\gaurav
kumar\anaconda3\lib\site-packages (from selenium) (0.9.2)
Requirement already satisfied: certifi>=2021.10.8 in c:\users\gaurav
kumar\anaconda3\lib\site-packages (from selenium) (2021.10.8)
Requirement already satisfied: trio~=0.17 in c:\users\gaurav kumar\
anaconda3\lib\site-packages (from selenium) (0.22.0)
Requirement already satisfied: sniffio in c:\users\gaurav kumar\
anaconda3\lib\site-packages (from trio~=0.17->selenium) (1.2.0)
Requirement already satisfied: outcome in c:\users\gaurav kumar\
anaconda3\lib\site-packages (from trio~=0.17->selenium) (1.2.0)
Requirement already satisfied: async-generator>=1.9 in c:\users\gaurav
kumar\anaconda3\lib\site-packages (from trio~=0.17->selenium) (1.10)
Requirement already satisfied: attrs>=19.2.0 in c:\users\gaurav kumar\
anaconda3\lib\site-packages (from trio~=0.17->selenium) (21.4.0)
Requirement already satisfied: idna in c:\users\gaurav kumar\
anaconda3\lib\site-packages (from trio~=0.17->selenium) (3.3)
Requirement already satisfied: exceptiongroup>=1.0.0rc9 in c:\users\
gaurav kumar\anaconda3\lib\site-packages (from trio~=0.17->selenium)
(1.1.0)
Requirement already satisfied: cffi>=1.14 in c:\users\gaurav kumar\
anaconda3\lib\site-packages (from trio~=0.17->selenium) (1.15.0)
Requirement already satisfied: sortedcontainers in c:\users\gaurav
kumar\anaconda3\lib\site-packages (from trio~=0.17->selenium) (2.4.0)
Requirement already satisfied: pycparser in c:\users\gaurav kumar\
anaconda3\lib\site-packages (from cffi>=1.14->trio~=0.17->selenium)
(2.21)
Requirement already satisfied: wsproto>=0.14 in c:\users\gaurav kumar\
anaconda3\lib\site-packages (from trio-websocket~=0.9->selenium)
(1.2.0)
Requirement already satisfied: PySocks!=1.5.7,<2.0,>=1.5.6 in c:\
users\gaurav kumar\anaconda3\lib\site-packages (from
urllib3[socks]~=1.26->selenium) (1.7.1)
Requirement already satisfied: h11<1,>=0.9.0 in c:\users\gaurav kumar\
anaconda3\lib\site-packages (from wsproto>=0.14->trio-websocket~=0.9-
>selenium) (0.14.0)
```

```
from selenium import webdriver
import pandas as pd
import selenium
import warnings
warnings.filterwarnings('ignore')
from selenium.common.exceptions import
StaleElementReferenceException,NoSuchElementException
from selenium.webdriver.common.by import By
import time
```

```
driver=webdriver.Chrome(r'C:\Users\Gaurav Kumar\Downloads\
chromedriver_win32\chromedriver.exe')
driver.get("https://en.wikipedia.org/wiki/List_of_most-
viewed_YouTube_videos")
```

```
# locate the table on the page
```

```
table = driver.find_element_by_class_name("wikitable")
```

```
# get all the rows in the table
```

```
rows = table.find_elements_by_tag_name("tr")
```

```
# create lists to store the data for each column
```

```
rank = []
```

```
name = []
```

```
artist = []
```

```
upload_date = []
```

```
views = []
```

```
# loop through the rows and extract the data
```

```
for i in range(1, len(rows)):
```

```
    # get the data for each column
```

```
    cols = rows[i].find_elements_by_tag_name("td")
```

```
    rank.append(cols[0].text)
```

```
    name.append(cols[1].text)
```

```
    artist.append(cols[2].text)
```

```
    upload_date.append(cols[3].text)
```

```
    views.append(cols[4].text)
```

```
# convert the data into a dataframe
```

```
df = pd.DataFrame({
```

```
    "Rank": rank,
```

```
    "Name": name,
```

```
    "Artist": artist,
```

```
    "Upload Date": upload_date,
```

```
    "Views": views
```

```
})
```

```
(df)
```

```
-----
-----
AttributeError
```

```
Traceback (most recent call
```

```
last)
```

```
Input In [3], in <cell line: 14>()
```

```
    11 driver.get("https://en.wikipedia.org/wiki/List_of_most-
viewed_YouTube_videos")
```

```

13 # locate the table on the page
--> 14 table = driver.find_element_by_class_name("wikitable")
16 # get all the rows in the table
17 rows = table.find_elements_by_tag_name("tr")

```

AttributeError: 'WebDriver' object has no attribute  
'find\_element\_by\_class\_name'

# Q2)

```

from selenium import webdriver
import pandas as pd
import selenium
import warnings
warnings.filterwarnings('ignore')
from selenium.common.exceptions import
StaleElementReferenceException, NoSuchElementException
from selenium.webdriver.common.by import By
import time

```

```

driver=webdriver.Chrome(r'C:\Users\Gaurav Kumar\Downloads\
chromedriver_win32\chromedriver.exe')
driver.get("https://www.bcci.tv/")

```

```

Int_fix=driver.find_element(By.XPATH, "/html/body/nav/div[1]/div[2]/
ul[1]/li[2]/a")
Int_fix.click()

```

```

match_fix=[]
series=[]
place=[]
date=[]
time=[]

```

*#scrap match title*

```

match_tags=driver.find_elements(By.XPATH, '//span[@class="matchOrderTex
t ng-binding ng-scope"]')
for i in match_tags[1:7]:
    match=i.text
    match_fix.append(match)

```

```

series_tags=driver.find_elements(By.XPATH, '//span[@class="ng-
binding"]')
for i in series_tags[3:9]:
    series=i.text
    series.append(series)

```

```

place_tags=driver.find_elements(By.XPATH, '//span[@class="ng-binding
ng-scope"]')
for i in place_tags[2:8]:

```

```

        place=i.text
        place.append(place)

date_tags=driver.find_elements(By.XPATH, '//h5[@class="ng-binding"]')
for i in date_tags[1:7]:
    date=i.text
    date.append(date)

time_tags=driver.find_elements(By.XPATH, '//h5[@class="text-right ng-binding"]')
for i in time_tags[1:7]:
    time=i.text
    time.append(time)

print(len(match_fix),len(series),len(place),len(date),len(time))

```

```

-----
-----
AttributeError                                Traceback (most recent call
last)
Input In [5], in <cell line: 8>()
      8 for i in series_tags[3:9]:
      9     series=i.text
--> 10     series.append(series)
     12 place_tags=driver.find_elements(By.XPATH, '//span[@class="ng-
binding ng-scope"]')
     13 for i in place_tags[2:8]:

```

AttributeError: 'str' object has no attribute 'append'

# Q3)

```

from selenium import webdriver
import pandas as pd
import selenium
import warnings
warnings.filterwarnings('ignore')
from selenium.common.exceptions import StaleElementReferenceException, NoSuchElementException
from selenium.webdriver.common.by import By
import time

```

```

driver=webdriver.Chrome(r'C:\Users\Gaurav Kumar\Downloads\
chromedriver_win32\chromedriver.exe')
driver.get("http://statisticstimes.com/")

```

```
economy_link = driver.find_element(By.XPATH,  
"/html/body/div[2]/div[1]/div[2]/div[2]/button")  
economy_link.click()
```

```
gsdp_link = driver.find_element(By.XPATH, "")  
gsdp_link.click()
```

Input In [24]

```
gsdp_link = driver.find_element(By.XPATH,  
"//*[@id='top']/div[2]/div[2]/div/a[3]")
```

^

SyntaxError: invalid syntax