project-2-webscrapping-batch5

February 21, 2024

```
[1]: PROJECT 2
     USING SELENIUM MODULE
     COMPARED THE PRICES BETWEEN FLIPKART AND AMAZON OF THE PRODUCT SAMSUNG CALAXY␣
     ↪S24 ULTRA
```

```
[ ]: from selenium import webdriver
     from selenium.webdriver.chrome.service import Service
     from selenium.webdriver.common.by import By
```

```
[3]: from selenium import webdriver

     chrome_path = (r"C:
     ↪\Users\DELL\Desktop\chromedriver-win64\chromedriver-win64\chromedriver.exe")
     webD = webdriver.Chrome(executable_path=chrome_path)
     webD.get(r"https://www.amazon.in/Samsung-Galaxy-Smartphone-Titanium-Storage/dp/
     ↪B0CQYGF1QY/ref=sr_1_1_sspa?dib=eyJ2IjoiMSJ9.
     ↪Cvb5oQzTTBkyPpPhqlOvz7EOkchHQvkaDbo4APYoTqkyCkDMUOPOAGISBFc0w5QMLvahQc-e4W1EpHPQKrJKTOtnC9e
     ↪v7TOLXxZ5L8j24iavxyH9Lr4vZ19xm1r44KhvJ4i9K4&dib_tag=se&keywords=samsung%2Bfold&qid=17085226
```

```
[44]: webD1 = webdriver.Chrome(executable_path=chrome_path)
      webD1.get(r"https://www.flipkart.com/samsung-galaxy-z-fold5-cream-256-gb/p/
      ↪itm5e9a1e2b0b9d9?
      ↪pid=MOBGRS32ZCAVYQ7V&lid=LSTMOBGRS32ZCAVYQ7VEMYE2L&marketplace=FLIPKART&q=samsung%20fold&sa
```

```
[67]: Amazon_Mobile_Price = 'return document.
      ↪getElementById("corePriceDisplay_desktop_feature_div").
      ↪getElementsByTagName("span")[2].innerText;'
      amazon = webD.execute_script(Amazon_Mobile_Price)
```

```
[80]: amazon
```

```
[80]: ' 1,34,899'
```

```
[81]: cleaned_price_str = ''.join(char for char in amazon if char.isdigit())
      amazon_price = int(cleaned_price_str)
      print(amazon_price)
```

```
134899
```

```python
flipkart_mobile_price = 'return document.querySelector("#container > div > div.
 ↪_2c7YLP.UtUXW0._6t1WkM._3HqJxg > div._1YokD2._2GoDe3 > div._1YokD2._3Mn1Gg.
 ↪col-8-12 > div:nth-child(2) > div > div.dyC4hf > div.CEmiEU > div > div.
 ↪_30jeq3._16Jk6d");'
flipkart = webD1.execute_script(flipkart_mobile_price)
```

```python
[75]: flipkart.text
```

```
[75]: ' 1,54,999'
```

```python
[82]: cleaned_price_str1 = ''.join(char for char in flipkart.text if char.isdigit())
      flipkart_price = int(cleaned_price_str1)
      print(flipkart_price)
```

```
154999
```

```python
[84]: if amazon_price>flipkart_price:
          print("Flipkart Samsung Mobile has Lower Price than Amazon with Difference␣
       ↪of:",amazon_price-flipkart_price)
      elif amazon_price<flipkart_price:
          print("Amazon Samsung Mobile has Lower Price than Flipkart with Difference␣
       ↪of:",flipkart_price-amazon_price)
      else:
          print("Amazon and Flipkart offer same prize for the Mobile")
```

```
Amazon Samsung Mobile has Lower Price than Flipkart with Difference of: 20100
```

```python
[ ]:
```