

web-s-pl

June 13, 2023

```
[1]: import requests as rqst
import webbrowser as wb
from bs4 import BeautifulSoup as bs
import selenium as sl
```

```
[2]: page=rqst.get('https://books.toscrape.com/')
```

```
[4]: soup=bs(page.content, 'html.parser')
```

```
[11]: soup.h3.a['title']
```

```
[11]: 'A Light in the Attic'
```

```
[18]: title1=[]
for title in soup.find_all('h3'):
    title1.append(title.a['title'])
title1
```

```
[18]: ['A Light in the Attic',
'Tipping the Velvet',
'Soumission',
'Sharp Objects',
'Sapiens: A Brief History of Humankind',
'The Requiem Red',
'The Dirty Little Secrets of Getting Your Dream Job',
'The Coming Woman: A Novel Based on the Life of the Infamous Feminist, Victoria
Woodhull',
'The Boys in the Boat: Nine Americans and Their Epic Quest for Gold at the 1936
Berlin Olympics',
'The Black Maria',
'Starving Hearts (Triangular Trade Trilogy, #1)',
'Shakespeare's Sonnets',
'Set Me Free',
'Scott Pilgrim's Precious Little Life (Scott Pilgrim #1)',
'Rip it Up and Start Again',
'Our Band Could Be Your Life: Scenes from the American Indie Underground,
1981-1991',
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```
'Olio',  
'Mesaerion: The Best Science Fiction Stories 1800-1849',  
'Libertarianism for Beginners',  
"It's Only the Himalayas"]
```

```
[25]: rating=[]  
for feedback in soup.find_all('article'):  
    rating.append(feedback.p['class'][1])  
rating
```

```
[25]: ['Three',  
      'One',  
      'One',  
      'Four',  
      'Five',  
      'One',  
      'Four',  
      'Three',  
      'Four',  
      'One',  
      'Two',  
      'Four',  
      'Five',  
      'Five',  
      'Five',  
      'Three',  
      'One',  
      'One',  
      'Two',  
      'Two']
```

```
[47]: price1=[]  
for price in soup.find_all('p',{'class':"price_color"}):  
    price1.append(price.text)  
price1
```

```
[47]: ['£51.77',  
      '£53.74',  
      '£50.10',  
      '£47.82',  
      '£54.23',  
      '£22.65',  
      '£33.34',  
      '£17.93',  
      '£22.60',  
      '£52.15',  
      '£13.99',
```

```
'£20.66',
'£17.46',
'£52.29',
'£35.02',
'£57.25',
'£23.88',
'£37.59',
'£51.33',
'£45.17']
```

```
[49]: import pandas as pd
data=pd.DataFrame({'title':title1,'price':price1,'rating':rating})
```

```
[50]: data
```

```
[50]:
```

	title	price	rating
0	A Light in the Attic	£51.77	Three
1	Tipping the Velvet	£53.74	One
2	Soumission	£50.10	One
3	Sharp Objects	£47.82	Four
4	Sapiens: A Brief History of Humankind	£54.23	Five
5	The Requiem Red	£22.65	One
6	The Dirty Little Secrets of Getting Your Dream...	£33.34	Four
7	The Coming Woman: A Novel Based on the Life of...	£17.93	Three
8	The Boys in the Boat: Nine Americans and Their...	£22.60	Four
9	The Black Maria	£52.15	One
10	Starving Hearts (Triangular Trade Trilogy, #1)	£13.99	Two
11	Shakespeare's Sonnets	£20.66	Four
12	Set Me Free	£17.46	Five
13	Scott Pilgrim's Precious Little Life (Scott Pi...	£52.29	Five
14	Rip it Up and Start Again	£35.02	Five
15	Our Band Could Be Your Life: Scenes from the A...	£57.25	Three
16	Olio	£23.88	One
17	Mesaerion: The Best Science Fiction Stories 18...	£37.59	One
18	Libertarianism for Beginners	£51.33	Two
19	It's Only the Himalayas	£45.17	Two

```
[51]: data.to_csv('book.csv',index=True)
```

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[ ]:
```