

AIM:Implement a program to scrap the web page of any popular website

```

from bs4 import BeautifulSoup
import csv
import requests
import pandas as pd
import matplotlib.pyplot as plt
import numpy as np

```

```
website=requests.get("https://meesho.com/handbags-women/pl/6m6o8")
```

```
website
```

```
<Response [200]>
```

```
soup=BeautifulSoup(website.content,'html.parser')
```

```
print(soup.prettify())#used to nest tags
```

```

    </div>
  </div>
</div>
</div>
</div>
<script id="__NEXT_DATA__" type="application/json">
  {"props":{"pageProps":{"initialState":{"productListing":{"filter":{"search":{"pag
</script>
<script nomodule="" src="/_next/static/chunks/polyfills-104f08ba039f3cb24a4b.js">
</script>
<script async="" src="/_next/static/chunks/29.31f29154738da67d3790.js">
</script>
<script async="" src="/_next/static/chunks/webpack-a7a0a72ef2be5761b7fa.js">
</script>
<script async="" src="/_next/static/chunks/framework.57a22ac5870571c2eff5.js">
</script>
<script async="" src="/_next/static/chunks/commons.7991f999a7315064944e.js">
</script>
<script async="" src="/_next/static/chunks/main-42280db73908a476c888.js">
</script>
<script async="" src="/_next/static/chunks/e835fc4de3c3612e6724f6ce6fcbab3c00ee3a2
</script>
<script async="" src="/_next/static/chunks/6dc84bcc6813d527638a4811ea5ac2bf6e0387b
</script>
<script async="" src="/_next/static/chunks/4ac4af99e14a75ae402f6da6b5657d2d43fae34
</script>
<script async="" src="/_next/static/chunks/f9cba575b2453906b7c34e64790f3360ede18f0
</script>
<script async="" src="/_next/static/chunks/64264fc7fef057efed475660fcbb653751b382c
</script>
<script async="" src="/_next/static/chunks/pages/_app-766894h99df542c6c06h.is">

```

```

</script>
<script async="" src="/_next/static/chunks/279dde0a44deca2be40a3292cc11e949397c332
</script>
<script async="" src="/_next/static/chunks/6752a23c9e2875d8afbd31a353b7f78231ca388
</script>
<script async="" src="/_next/static/chunks/1a4ac8e632d753151428ffa1a0e7d9e8789a915
</script>
<script async="" src="/_next/static/chunks/6e60e7ca507f193393b6f559aa62cfd471cb8be
</script>
<script async="" src="/_next/static/chunks/e22ca4685f8364bfc5982f1b8e44b6407a032cf
</script>
<script async="" src="/_next/static/chunks/a45ddadc1c2718bbaca1306bddd98c08cc8a65e
</script>
<script async="" src="/_next/static/chunks/ac0d8dfae10d3f45eb3e72f4ed51cfb77a69602
</script>
<script async="" src="/_next/static/chunks/a02e2299ce456baad815636cc8b3579bbe00d7e
</script>
<script async="" src="/_next/static/chunks/pages/%5Bcategory%5D/pl/%5Bpage_id%5D-2
</script>
<script async="" src="/_next/static/JkHgeVv01h05woNd6LMLm/_buildManifest.js">
</script>
<script async="" src="/_next/static/JkHgeVv01h05woNd6LMLm/_ssgManifest.js">
</script>
</body>
</html>

```

```
names=soup.find_all('p',class_='Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTi
```

```
names
```

```

[<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-
<p class="Text__StyledText-sc-oo0kvp-0 bWSOET NewProductCard__ProductTitle_Desktop-sc-

```

```
bag_names=[]
for i in range(0,len(names)):
    bag_names.append(names[i].get_text())
```

bag_names

```
['Elegant Fashionable Women Handbags',
 'Gorgeous Attractive Women Handbags',
 'Classic Fancy Women Handbags',
 'Classic Versatile Women Handbags',
 'Gorgeous Versatile Women Handbags',
 'Trendy Fancy Women Handbags',
 'Elegant Versatile Women Handbags',
 'Ravishing Stylish Women Handbags',
 'Ravishing Alluring Women Handbags',
 'Classic Versatile Women Handbags',
 'Elegant Women Handbags',
 'Elite Fashionable Women Handbags',
 'Voguish Fancy Women Handbags',
 'Classic Stylish Women Handbags',
 'Elite Versatile Women Handbags',
 'Classic Versatile Women Handbags',
 'Elite Fancy Women Handbags',
 'Trendy Fashionable Women Handbags',
 'Gorgeous Classy Women Handbags',
 'Ravishing Attractive Women Handbags']
```

```
Price=soup.find_all('h5',class_='Text__StyledText-sc-0o0kvp-0 hiHdy')
Price
```


```
[<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
<h5 class="Text__StyledText-sc-0o0kvp-0 hiHdy" color="greyBase" font-size="24px" font-
```



```
price_list=[]  
for i in range(0,len(Price)):  
    price_list.append(Price[i].get_text())  
price_list
```

```
[ '₹192',  
  '₹342',  
  '₹207',  
  '₹384',  
  '₹234',  
  '₹464',  
  '₹239',  
  '₹227',  
  '₹282',  
  '₹214',  
  '₹171',  
  '₹233',  
  '₹137',  
  '₹274',  
  '₹234',  
  '₹206',  
  '₹232',  
  '₹210',  
  '₹192',  
  '₹216' ]
```

```
df=pd.DataFrame()  
df['Name']=bag_names  
df['Price']=price_list  
df
```

	Name	Price	
0	Elegant Fashionable Women Handbags	₹192	
1	Gorgeous Attractive Women Handbags	₹342	
2	Classic Fancy Women Handbags	₹207	
3	Classic Versatile Women Handbags	₹384	
4	Gorgeous Versatile Women Handbags	₹234	
5	Trendy Fancy Women Handbags	₹464	
6	Elegant Versatile Women Handbags	₹239	
7	Ravishing Stylish Women Handbags	₹227	

```
df.to_csv('bags.csv',index=False)
```

```
pd.read_csv('bags.csv')
```

Name Price



0	Elegant Fashionable Women Handbags	₹192
2	Classic Fancy Women Handbags	₹207
3	Classic Versatile Women Handbags	₹384
4	Gorgeous Versatile Women Handbags	₹234
5	Trendy Fancy Women Handbags	₹464
6	Elegant Versatile Women Handbags	₹239
7	Ravishing Stylish Women Handbags	₹227
8	Ravishing Alluring Women Handbags	₹282
9	Classic Versatile Women Handbags	₹214
10	Elegant Women Handbags	₹171
11	Elite Fashionable Women Handbags	₹233
12	Voguish Fancy Women Handbags	₹137
13	Classic Stylish Women Handbags	₹274
14	Elite Versatile Women Handbags	₹234
15	Classic Versatile Women Handbags	₹206

✓ 0s completed at 7:39 PM

