

```
pip install pandas
```

```
Requirement already satisfied: pandas in /usr/local/lib/python3.7/dist-packages (1.1.5)
Requirement already satisfied: numpy>=1.15.4 in /usr/local/lib/python3.7/dist-packages (
Requirement already satisfied: pytz>=2017.2 in /usr/local/lib/python3.7/dist-packages (
Requirement already satisfied: python-dateutil>=2.7.3 in /usr/local/lib/python3.7/dist-p
Requirement already satisfied: six>=1.5 in /usr/local/lib/python3.7/dist-packages (from
```



```
pip install requests
```

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Requirement already satisfied: requests in /usr/local/lib/python3.7/dist-packages (2.23
Requirement already satisfied: urllib3!=1.25.0,!1.25.1,<1.26,>=1.21.1 in /usr/local/lib
Requirement already satisfied: chardet<4,>=3.0.2 in /usr/local/lib/python3.7/dist-packag
Requirement already satisfied: idna<3,>=2.5 in /usr/local/lib/python3.7/dist-packages (
Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.7/dist-packa
```



```
pip install bs4
```

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Requirement already satisfied: bs4 in /usr/local/lib/python3.7/dist-packages (0.0.1)
Requirement already satisfied: beautifulsoup4 in /usr/local/lib/python3.7/dist-packages
```



```
from bs4 import BeautifulSoup
```

```
import requests
```

```
import csv
```

```
import pandas as pd
```

```
url='https://www.flipkart.com/mobiles/pr?sid=tyy%2C4io&p%5B%5D=facets.brand%255B%255D%3DAsus&
```

```
req=requests.get(url)
```

```
content=BeautifulSoup(req.content, 'html.parser')
```

```
name=content.find_all('div',{'class':"_4rR01T"})
```

```
price=content.find_all('div',{'class':"_30jeq3 _1_WHN1"})
```

```
nm=[]
```

```
pr=[]
```

```

for i in name:
    nm.append(i.text)
for i in price:
    pr.append(i.text)

```

```

data={'Name':nm,'Price':pr}
df=pd.DataFrame(data)

```

```
print(df)
```

	Name	Price
0	ASUS ROG Phone 5 (Black, 128 GB)	₹49,999
1	ASUS ROG Phone 3 (Black, 128 GB)	₹39,999
2	ASUS ROG Phone 3 (Black, 128 GB)	₹43,999
3	ASUS ZenFone 5Z (Midnight Blue, 128 GB)	₹36,299
4	ASUS ZenFone 5Z (Meteor Silver, 128 GB)	₹36,299
5	ASUS Zenfone Selfie (Silver, 16 GB)	₹14,999
6	ASUS ROG Phone 5 (Black, 256 GB)	₹57,999
7	ASUS Zenfone Go (Gold, 8 GB)	₹5,299
8	ASUS Zenfone Go 5.5 (Gold, 32 GB)	₹6,999
9	ASUS Zenfone Go (2nd Gen) (Red, 8 GB)	₹5,299
10	ASUS Zenfone Go (Silver, 8 GB)	₹5,299
11	ASUS ZenFone Lite L1 (Gold, 16 GB)	₹7,199
12	ASUS ZenFone Lite L1 (Black, 16 GB)	₹7,199
13	ASUS ROG Phone 5 (White, 128 GB)	₹49,999
14	ASUS ROG (Black, 128 GB)	₹26,499
15	ASUS Zenfone Selfie (Aqua Blue, 32 GB)	₹16,999
16	ASUS Zenfone Go 5.0 (Black, 8 GB)	₹7,999
17	ASUS Zenfone Go (Silver, 8 GB)	₹5,699
18	ASUS Zenfone Go 4.5 LTE (Red, 8 GB)	₹7,499
19	ASUS Zenfone Go 4.5 (Pink, 8 GB)	₹5,299
20	ASUS Zenfone Go (Silver Blue, 8 GB)	₹5,699
21	ASUS Zenfone Max Pro M1 (Grey, 64 GB)	₹17,999
22	ASUS Zenfone C (Red, 8 GB)	₹6,299
23	ASUS Zenfone C (White, 8 GB)	₹6,299

```
df.to_csv('18it078_aryanpatel.csv')
```

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