

In [66]:

```
!pip install requests --quiet
!pip install beautifulsoup4 --upgrade --quiet
```

In [5]:

```
import requests
from bs4 import BeautifulSoup
```

In [3]:

```
ur='https://www.flipkart.com/search?q=mobile&otracker=search&otracker1=search&marketplace=F
```

In [41]:

```
mobile_name=[]
mprice=[]
mrating=[]
speci=[]
for i in range(1,101):
    url=ur+str(i)
    response=requests.get(url)
    content=BeautifulSoup(response.content, 'html.parser')
    name=content.find_all('div',{'class': '_4rR01T'})
    price=content.find_all('div',{'class': '_30jeq3 _1_WHN1'})
    rating=content.find_all('div',{'class': '_3LWZ1K'})
    spec=content.find_all('ul',{'class': '_1xgFaf'})

    for i in name:
        mobile_name.append(i.text)
    for i in price:
        mprice.append(i.text)
    for i in rating:
        mrating.append(i.text)
    for i in spec:
        speci.append(i.text)
```

In [43]:

```
mobile_dict={
    'Mobile Name':mobile_name,
    'Price':mprice,
    'Specification':speci
}
```

In [44]:

```
import pandas as pd
```

In [45]:

```
df=pd.DataFrame(mobile_dict)
```

In [46]:

```
df
```

Out[46]:

	Mobile Name	Price	Specification
0	Nuvo NF24	₹899	32 MB RAM 32 MB ROM6.1 cm (2.4 inch) Display...
1	Nuvo FLASH	₹899	32 MB RAM 32 MB ROM Expandable Upto 16 GB6...
2	POCO C31 (Royal Blue, 64 GB)	₹7,999	4 GB RAM 64 GB ROM Expandable Upto 512 GB1...
3	POCO C31 (Shadow Gray, 64 GB)	₹7,999	4 GB RAM 64 GB ROM Expandable Upto 512 GB1...
4	POCO C31 (Royal Blue, 32 GB)	₹6,999	3 GB RAM 32 GB ROM Expandable Upto 512 GB1...
...
931	Infinix Hot 10 (Moonlight Jade, 64 GB)	₹11,999	4 GB RAM 64 GB ROM Expandable Upto 256 GB1...
932	SAMSUNG Galaxy A70s (Prism Crush Red, 128 GB)	₹30,500	8 GB RAM 128 GB ROM Expandable Upto 512 GB...
933	Good One Magic	₹1,499	32 MB RAM 32 MB ROM4.32 cm (1.7 inch) Displa...
934	Itel Power 110	₹1,269	4 MB RAM 4 MB ROM Expandable Upto 32 GB4.5...
935	REDMI Note 10 Pro Max (Vintage Bronze, 128 GB)	₹17,884	6 GB RAM 128 GB ROM Expandable Upto 512 GB...

936 rows × 3 columns

In [47]:

```
df.to_csv('Mobile.csv',index=None)
```

In []: