

In [35]:

```
1 pip install bs4
```

Requirement already satisfied: bs4 in c:\users\comp20\anaconda3\lib\site-packages (0.0.1)

Requirement already satisfied: beautifulsoup4 in c:\users\comp20\anaconda3\lib\site-packages (from bs4) (4.11.1)

Requirement already satisfied: soupsieve>1.2 in c:\users\comp20\anaconda3\lib\site-packages (from beautifulsoup4->bs4) (2.3.2.post1)

Note: you may need to restart the kernel to use updated packages.

In [36]:

```
1 from bs4 import BeautifulSoup
2 import requests
```

In [37]:

```
1 url="https://shop.vivo.com/in/products/phone"
```

In [38]:

```
1 requests.get(url)
```

Out[38]:

<Response [200]>

In [39]:

```
1 page=requests.get(url)
2 page.text
3
```

Out[39]:

```
'<!doctype html>\n<html data-n-head-ssr lang="en" data-n-head="%7B%22lang%22:%7B%22ssr%22:%22en%22%7D%7D">\n  <head >\n    <title>vivo Official E-Store</title><meta data-n-head="ssr" charset="utf-8"><meta data-n-head="ssr" name="viewport" content="width=device-width, initial-scale=1"><meta data-n-head="ssr" data-hid="description" name="description" content="## Build Setup"><meta data-n-head="ssr" name="google-site-verification" content=""><link data-n-head="ssr" rel="dns-prefetch" href="//shopstatic-ex.vivo.com"><link data-n-head="ssr" rel="dns-prefetch" href="//www.vivo.com"><link data-n-head="ssr" rel="dns-prefetch" href="//in-exstatic-vivofs.vivo.com"><link data-n-head="ssr" rel="dns-prefetch" href="//exstatic-in.iqoo.com"><link data-n-head="ssr" rel="dns-prefetch" href="//asia-exshopstatic-vivofs.vivo.com"><link data-n-head="ssr" rel="dns-prefetch" href="//asia-exstatic-vivofs.vivo.com"><link data-n-head="ssr" rel="dns-prefetch" href="//vcm-static.vivo.com"><link data-n-head="ssr" rel="dns-prefetch" href="//in-st-expc.iqoo.com"><link data-n-head="ssr" rel="dns-prefetch" href="//asia-st-exshop.vivo.com"><link data-n-head="ssr" rel="dns-prefetch" href="//www.googletagmanager.com"><link data-n-head="ssr" rel="dns-prefetch" href="//www.google-analytics.com"><link data-n-head="ssr" rel="stylesheet" href="//asia-exstatic.vivoglobal.com/static/bus/common/cs
```

In [40]:

```
1 soup=BeautifulSoup(page.text)
2 soup
```

Out[40]:

```
<!DOCTYPE html>
<html data-n-head="%7B%22lang%22:%7B%22ssr%22:%22en%22%7D%7D" data-n-head-ssr="" lang="en">
<head>
<title>vivo Official E-Store</title><meta charset="utf-8" data-n-head="ssr"/>
<meta content="width=device-width, initial-scale=1" data-n-head="ssr" name="viewport"/><meta content="## Build Setup" data-hid="description" data-n-head="ssr" name="description"/><meta content="" data-n-head="ssr" name="google-site-verification"/><link data-n-head="ssr" href="//shopstatic-ex.vivo.com" rel="dns-prefetch"/><link data-n-head="ssr" href="//www.vivo.com" rel="dns-prefetch"/><link data-n-head="ssr" href="//in-exstatic-vivofs.vivo.com" rel="dns-prefetch"/><link data-n-head="ssr" href="//exstatic-in.iqoo.com" rel="dns-prefetch"/><link data-n-head="ssr" href="//asia-exshopstatic-vivofs.vivo.com" rel="dns-prefetch"/><link data-n-head="ssr" href="//asia-exstatic-vivofs.vivo.com" rel="dns-prefetch"/><link data-n-head="ssr" href="//vcm-static.vivo.com" rel="dns-prefetch"/><link data-n-head="ssr" href="//in-st-expc.iqoo.com" rel="dns-prefetch"/><link data-n-head="ssr" href="//asia-st-exshop.vivo.com" rel="dns-prefetch"/><link data-n-head="ssr" href="//www.googletagmanager.com" re
```

In [41]:

```
1 title=soup.find_all('h1',class_='thick-font')
```

In [42]:

```
1 price=soup.find_all('span',class_='price-num')
```

In [43]:

```
1 desc=soup.find_all('div',class_='sell-point')
```

In [44]:

```
1 product_name=[]
2 price_list=[]
3 desc_list=[]
```

In [45]:

```
1 for i in title:
2     title=i.text
3     product_name.append(title)
4 for i in price:
5     price=i.text
6     price_list.append(price)
7 for i in desc:
8     desc=i.text
9     desc_list.append(desc)
```

In [46]:

```
1 import pandas as pd
2 tabel=pd.DataFrame({'Product Name':product_name,'Price':price_list,'Description':desc_list})
```

In [47]:

```
1 tabel
```

Out[47]:

	Product Name	Price	Description
0	T1x (6+128)	14,999	Snapdragon 680 Processor   4 Layer Cooling Sy...
1	T1x (6+128)	14,999	Snapdragon 680 Processor   4 Layer Cooling Sy...
2	T1x (4+128)	12,999	Snapdragon 680 Processor   4 Layer Cooling Sy...
3	iQOO Z7s (5G)	18,999	Snapdragon 695 5G Mobile Platform  \n64MP OIS ...
4	Y16	12,999	2.5D Trendy Design with Flat Frame   AI Dual R...
5	Y16 (3+64)	10,499	2.5D Trendy Design with Flat Frame   AI Dual R...
6	Neo 7 Pro	37,999	Snapdragon 8+ Gen 1 5G Mobile Platform  \nExte...
7	Neo 7 Pro	37,999	Snapdragon 8+ Gen 1 5G Mobile Platform  \nExte...
8	T1(8+128) 44W	17,999	44W FlashCharge   Turbo AMOLED Display   Snap...
9	iQOO Z7s (5G)	19,999	Snapdragon 695 5G Mobile Platform  \n64MP OIS ...
10	Y100A	23,999	Color Changing Fluorite AG glass*  \n 64 MP O...
11	Y100A	23,999	Color Changing Fluorite AG glass*  \n 64 MP O...
12	Neo 7 Pro	34,999	Snapdragon 8+ Gen 1 5G Mobile Platform  \nExte...
13	Y36	16,999	Extended RAM 3.0 \nFlashCharge 44W \nSnapdrago...
14	Y36	16,999	Extended RAM 3.0 \nFlashCharge 44W \nSnapdrago...
15	Neo 7 Pro	34,999	Snapdragon 8+ Gen 1 5G Mobile Platform  \nExte...

In [48]:

```
1 excel=tabel.to_csv('Web Scrap VivoStore.csv')
```

In [49]:

```
1 excel
```

In [ ]:

```
1
```