In [1]:

```
import time
import selenium
from selenium import webdriver
from selenium.webdriver.support.ui import Select
import pandas as pd
import os
import warnings
warnings.filterwarnings("ignore")
```

In [2]:

```
driverpath=r"C:\Users\merit\Desktop\chromedriver_win32\chromedriver.exe"
driver=webdriver.Chrome(executable_path=driverpath)
driver.get("https://www.amazon.in/s?k=mobile+offers&qid=1630074871&ref=sr_pg_1")
driver.maximize_window()
name=[]
current=[]
before=[]


try:
    for i in range(1,23):
        heading=driver.find_element_by_xpath("//span[contains(text(),'Sort by:')]//followin
        name.append(heading.split("("))
        price_1=driver.find_element_by_xpath("//span[contains(text(),'Sort by:')]//followin
        current.append(price_1)
        price_2=driver.find_element_by_xpath("//span[contains(text(),'Sort by:')]//followin
        before.append(price_2)
except:
    pass
```

In [3]:

```
finale_name=[]
for i in range (len(name)-1):
    finale_name.append(name[i][0])
```

In [4]:

```
os.chdir(r"C:\Users\merit\Desktop\Amazon_auto")
```

In [5]:

```
writer = pd.ExcelWriter("Mobile_Offers.xlsx", engine='xlsxwriter')
df=pd.DataFrame(list(zip(finale_name,current,before)), columns =["Product Name","Current Pr
df.to_excel(writer,sheet_name="Price_of_mobile",index = False)
writer.save()
writer.close()
```

In [ ]:

```

```