In [1]:
```
pip install webdriver_manager
```

```
Requirement already satisfied: webdriver_manager in c:\users\mosai\anaconda3\lib\site-packages (3.8.5)
Requirement already satisfied: python-dotenv in c:\users\mosai\anaconda3\lib\site-packages (from webdri
ver_manager) (1.0.0)
Requirement already satisfied: packaging in c:\users\mosai\anaconda3\lib\site-packages (from webdriver_
manager) (21.3)
Requirement already satisfied: tqdm in c:\users\mosai\anaconda3\lib\site-packages (from webdriver_manag
er) (4.64.1)
Requirement already satisfied: requests in c:\users\mosai\anaconda3\lib\site-packages (from webdriver_m
anager) (2.28.1)
Requirement already satisfied: pyparsing!=3.0.5,>=2.0.2 in c:\users\mosai\anaconda3\lib\site-packages
(from packaging->webdriver_manager) (3.0.9)
Requirement already satisfied: idna<4,>=2.5 in c:\users\mosai\anaconda3\lib\site-packages (from request
s->webdriver_manager) (3.3)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\mosai\anaconda3\lib\site-packages (from r
equests->webdriver_manager) (2022.9.14)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\users\mosai\anaconda3\lib\site-packages
(from requests->webdriver_manager) (2.0.4)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\mosai\anaconda3\lib\site-packages (fro
m requests->webdriver_manager) (1.26.11)
Requirement already satisfied: colorama in c:\users\mosai\anaconda3\lib\site-packages (from tqdm->webdr
iver_manager) (0.4.5)
Note: you may need to restart the kernel to use updated packages.
```

In [2]:
```python
import re

import pandas as pd

from selenium import webdriver
from selenium.webdriver.common.keys import Keys
from selenium.webdriver.common.by import By

from selenium.webdriver.chrome.options import Options
from selenium.webdriver.chrome.service import Service

from webdriver_manager.chrome import ChromeDriverManager

import time
```

Opening Website

In [35]:
```python
ser = Service(r"C:\Chrome webdriver\chromedriver.exe")
op = webdriver.ChromeOptions()
driver = webdriver.Chrome(service=ser, options=op)

website = 'https://www.daraz.pk/catalog/?q=ear+buds&_keyori=ss&from=input&spm=a2a0e.searchlist.search.go
#website = 'https://www.telemart.pk/mobile-and-tablets.html'
driver.get(website)
driver.maximize_window()
```

Pagination

In [54]:
```python
next_btn = 'ant-pagination-item-link'
driver.find_element(By.CLASS_NAME , next_btn).click()
```

In [55]:
```python
product_dataframe = []

for i in range(1,103):
    time.sleep(10)
    product_box_class = "box--pRqdD"

    name_class = "title--wFj93"
    current_price_class = "currency--GVKjl"
    delivery_class = "location--eh0Ro"
    no_of_reviews_class = "rating__review--ygkUy"

    products = driver.find_elements(By.CLASS_NAME , product_box_class)

    for i in products:

        name = i.find_element(By.CLASS_NAME , name_class).text

        current_price = i.find_element(By.CLASS_NAME , current_price_class).text
        delivery = i.find_element(By.CLASS_NAME , delivery_class).text

        try:
            old_price = i.find_element(By.CLASS_NAME , 'origPrice--AJxRs').text
        except:
            old_price = "Not Available"

        try:
            discount = i.find_element(By.CLASS_NAME , 'discount--HADrg').text
        except:
            discount = "Discount not offered"

        try:
            no_of_reviews = i.find_element(By.CLASS_NAME , no_of_reviews_class).text

        except:
            no_of_reviews = 0

        product_dataframe.append([name,current_price, discount,old_price, delivery,no_of_reviews])
    driver.find_element(By.CLASS_NAME , next_btn).click()
```

In [56]:
```python
import pandas as pd

df = pd.DataFrame(data = product_dataframe , columns = ["Name","Current Price" ,"Discout" , "Old Price"
                                                         "No Of Reviews"])
df
```

Out[56]:

	Name	Current Price	Discout	Old Price	Shipping Status	No Of Reviews
0	e-Zone Generation Air Buds Pro with Wireless C...	Rs. 2,799	-77%	Rs. 12,000	Pakistan	(311)
1	Galaxy Buds Plus Wireless Earbuds | Bluetooth 5.0	Rs. 2,300	-52%	Rs. 4,800	Pakistan	(19)
2	F9 Buds TWS Earbuds - Airdots True Wireless He...	Rs. 1,437	-64%	Rs. 3,999	Free Shipping	(146)
3	Timack® M10 Air Buds TWS Earbuds - Airdots Wir...	Rs. 1,699	-50%	Rs. 3,400	Free Shipping	(60)
4	Timack® F9-5C Air Buds TWS Earbuds - Airdots T...	Rs. 1,499	-65%	Rs. 4,280	Free Shipping	(220)
...	...	...	...	...	...	...
4075	Galaxy_Buds_Pro_ | Wireless Earbuds | Bluetoot...	Rs. 2,999	-14%	Rs. 3,499	Free Shipping	(14)
4076	F9 Buds and F9-5 True Earbuds Wireless Earphon...	Rs. 1,440	-71%	Rs. 4,999	Pakistan	(1169)
4077	Timack® A7 Air Buds TWS Wireless Earbuds - Air...	Rs. 1,599	-50%	Rs. 3,200	Free Shipping	(61)
4078	M19 TWS 5.0 Wireless Bluetooth Earphones Sport ...	Rs. 1,699	-51%	Rs. 3,500	Pakistan	(21)
4079	Timack® J13 Air Buds TWS Wireless Earbuds - Ai...	Rs. 2,099	-52%	Rs. 4,380	Free Shipping	(94)

4080 rows × 6 columns

In [ ]: