In [ ]:

In [1]:
```
!pip install selenium
```

Requirement already satisfied: selenium in c:\users\nanus\anaconda3\lib\site-pa
ckages (4.4.3)
Requirement already satisfied: trio~=0.17 in c:\users\nanus\anaconda3\lib\site-
packages (from selenium) (0.21.0)
Requirement already satisfied: trio-websocket~=0.9 in c:\users\nanus\anaconda3
\lib\site-packages (from selenium) (0.9.2)
Requirement already satisfied: certifi>=2021.10.8 in c:\users\nanus\anaconda3\l
ib\site-packages (from selenium) (2021.10.8)
Requirement already satisfied: urllib3[socks]~=1.26 in c:\users\nanus\anaconda3
\lib\site-packages (from selenium) (1.26.9)
Requirement already satisfied: async-generator>=1.9 in c:\users\nanus\anaconda3
\lib\site-packages (from trio~=0.17->selenium) (1.10)
Requirement already satisfied: sortedcontainers in c:\users\nanus\anaconda3\lib
\site-packages (from trio~=0.17->selenium) (2.4.0)
Requirement already satisfied: attrs>=19.2.0 in c:\users\nanus\anaconda3\lib\si
te-packages (from trio~=0.17->selenium) (21.4.0)
Requirement already satisfied: outcome in c:\users\nanus\anaconda3\lib\site-pac
kages (from trio~=0.17->selenium) (1.2.0)
Requirement already satisfied: cffi>=1.14 in c:\users\nanus\anaconda3\lib\site-
packages (from trio~=0.17->selenium) (1.15.0)
Requirement already satisfied: idna in c:\users\nanus\anaconda3\lib\site-packag
es (from trio~=0.17->selenium) (3.3)
Requirement already satisfied: sniffio in c:\users\nanus\anaconda3\lib\site-pac
kages (from trio~=0.17->selenium) (1.2.0)
Requirement already satisfied: pycparser in c:\users\nanus\anaconda3\lib\site-p
ackages (from cffi>=1.14->trio~=0.17->selenium) (2.21)
Requirement already satisfied: wsproto>=0.14 in c:\users\nanus\anaconda3\lib\si
te-packages (from trio-websocket~=0.9->selenium) (1.2.0)
Requirement already satisfied: PySocks!=1.5.7,<2.0,>=1.5.6 in c:\users\nanus\an
aconda3\lib\site-packages (from urllib3[socks]~=1.26->selenium) (1.7.1)
Requirement already satisfied: h11<1,>=0.9.0 in c:\users\nanus\anaconda3\lib\si
te-packages (from wsproto>=0.14->trio-websocket~=0.9->selenium) (0.14.0)

In [2]:
```python
import selenium
from selenium import webdriver
import warnings
warnings.filterwarnings("ignore")
from selenium.common.exceptions import StaleElementReferenceException, NoSuchElen
from selenium.webdriver.common.by import By
import time
```

In [3]:
```python
driver = webdriver.Chrome(r"C:\Users\nanus\Downloads\chromedriver_win32\chromedri
```

In [4]:
```python
driver.get("https://www.flipkart.com/")
```

In [5]:
```python
cross = driver.find_element(By.XPATH,"/html/body/div[2]/div/div/button")
cross.click()
```

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In [6]:
```python
designation = driver.find_element(By.XPATH,"/html/body/div[1]/div/div[1]/div[1]/d
designation.send_keys("Iphone 11")
```

In [10]:
```python
search = driver.find_element(By.XPATH,"/html/body/div[1]/div/div[3]/div[1]/div[2]
search.click()
```

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```python
In [12]: button2 = driver.find_element(By.XPATH,"/html/body/div[1]/div/div[3]/div[1]/div[2
button2.click()
```

```
-----------------------------------------------------------------------------
NoSuchElementException                    Traceback (most recent call last)
Input In [12], in <cell line: 1>()
----> 1 button2 = driver.find_element(By.XPATH,"/html/body/div[1]/div/div[3]/di
v[1]/div[2]/div[9]/div[7]/div/a/div/span")
      2 button2.click()

File ~\anaconda3\lib\site-packages\selenium\webdriver\remote\webdriver.py:855,
 in WebDriver.find_element(self, by, value)
    852        by = By.CSS_SELECTOR
    853        value = '[name="%s"]' % value
--> 855 return self.execute(Command.FIND_ELEMENT, {
    856        'using': by,
    857        'value': value})['value']

File ~\anaconda3\lib\site-packages\selenium\webdriver\remote\webdriver.py:428,
 in WebDriver.execute(self, driver_command, params)
    426 response = self.command_executor.execute(driver_command, params)
    427 if response:
--> 428        self.error_handler.check_response(response)
    429        response['value'] = self._unwrap_value(
    430            response.get('value', None))
    431        return response

File ~\anaconda3\lib\site-packages\selenium\webdriver\remote\errorhandler.py:24
3, in ErrorHandler.check_response(self, response)
    241            alert_text = value['alert'].get('text')
    242        raise exception_class(message, screen, stacktrace, alert_text)  # t
ype: ignore[call-arg]  # mypy is not smart enough here
--> 243 raise exception_class(message, screen, stacktrace)

NoSuchElementException: Message: no such element: Unable to locate element: {"m
ethod":"xpath","selector":"/html/body/div[1]/div/div[3]/div[1]/div[2]/div[9]/di
v[7]/div/a/div/span"}
  (Session info: chrome=106.0.5249.62)
Stacktrace:
Backtrace:
        Ordinal0 [0x0103DF13+2219795]
        Ordinal0 [0x00FD2841+1779777]
        Ordinal0 [0x00EE423D+803389]
        Ordinal0 [0x00F13025+995365]
        Ordinal0 [0x00F131EB+995819]
        Ordinal0 [0x00F40F52+1183570]
        Ordinal0 [0x00F2E844+1108036]
        Ordinal0 [0x00F3F192+1175954]
        Ordinal0 [0x00F2E616+1107478]
        Ordinal0 [0x00F07F89+950153]
        Ordinal0 [0x00F08F56+954198]
        GetHandleVerifier [0x01332CB2+3040210]
        GetHandleVerifier [0x01322BB4+2974420]
        GetHandleVerifier [0x010D6A0A+565546]
        GetHandleVerifier [0x010D5680+560544]
        Ordinal0 [0x00FD9A5C+1808988]
        Ordinal0 [0x00FDE3A8+1827752]
```

```
Ordinal0 [0x00FDE495+1827989]
Ordinal0 [0x00FE80A4+1867940]
BaseThreadInitThunk [0x759A6739+25]
RtlGetFullPathName_UEx [0x77328FD2+1218]
RtlGetFullPathName_UEx [0x77328F9D+1165]
```

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In [13]:
```python
# click on the view all review
button3 = driver.find_element(By.XPATH,'/html/body/div[1]/div/div[3]/div[1]/div[2
button3.click()
```

```
---------------------------------------------------------------------------
NoSuchElementException                    Traceback (most recent call last)
Input In [13], in <cell line: 2>()
      1 # click on the view all review
----> 2 button3 = driver.find_element(By.XPATH,'/html/body/div[1]/div/div[3]/di
v[1]/div[2]/div[9]/div[7]/div/a/div')
      3 button3.click()

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    852     by = By.CSS_SELECTOR
    853     value = '[name="%s"]' % value
--> 855 return self.execute(Command.FIND_ELEMENT, {
    856     'using': by,
    857     'value': value})['value']

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    426 response = self.command_executor.execute(driver_command, params)
    427 if response:
--> 428     self.error_handler.check_response(response)
    429     response['value'] = self._unwrap_value(
    430         response.get('value', None))
    431     return response

File ~\anaconda3\lib\site-packages\selenium\webdriver\remote\errorhandler.py:24
3, in ErrorHandler.check_response(self, response)
    241         alert_text = value['alert'].get('text')
    242     raise exception_class(message, screen, stacktrace, alert_text)  # t
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--> 243 raise exception_class(message, screen, stacktrace)

NoSuchElementException: Message: no such element: Unable to locate element: {"m
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        Ordinal0 [0x00F3F192+1175954]
        Ordinal0 [0x00F2E616+1107478]
        Ordinal0 [0x00F07F89+950153]
        Ordinal0 [0x00F08F56+954198]
        GetHandleVerifier [0x01332CB2+3040210]
        GetHandleVerifier [0x01322BB4+2974420]
        GetHandleVerifier [0x010D6A0A+565546]
        GetHandleVerifier [0x010D5680+560544]
```

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```
            Ordinal0 [0x00FD9A5C+1808988]
            Ordinal0 [0x00FDE3A8+1827752]
            Ordinal0 [0x00FDE495+1827989]
            Ordinal0 [0x00FE80A4+1867940]
            BaseThreadInitThunk [0x759A6739+25]
            RtlGetFullPathName_UEx [0x77328FD2+1218]
            RtlGetFullPathName_UEx [0x77328F9D+1165]
```

In [ ]:
```python
rating = []
review_summmary = []
full_review = []
```

In [14]:
```python
# i just wrote the code
# error in opening All 7878 reviews
```

In [ ]:
```python
# scraping
start = 0
end = 10
for page in range(start, end):
    rating_tag = driver.find_element(By.XPATH, '//div[@class="_3LWZlK _1BLPMq"]')
    for i in rating_tag:
        rate = i.text
        rating.append(rate)

    review_tag = driver.find_element(By.XPATH, '//p[@class="_2-N8zT"]')
    for i in review_tag:
        review = i.text
        review_summary.append(review)

    full_tag = driver.find_element(By.XPATH, '//div[@class="t-ZTKy"]')
        for i in full_tag:
            full = i.text
            full_tag.append(full)
next_button = driver.find_element(By.XPATH,"//a[@class='ge-49M']")
next_button.click()
```

In [ ]:
```python
import pandas as pd
df = pd.DataFrame({"Ratings":rating, "Review": review,"Full Review": full})
```

In [ ]:
```python
df
```

In [ ]:

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