

# Assignement-15

## Automation using selenium: Getting data

```
from selenium import webdriver
from selenium.webdriver.common.by import By
from selenium.webdriver.support.ui import WebDriverWait
from selenium.webdriver.support import expected_conditions as EC

driver = webdriver.Chrome()
driver.get('http://www.flipkart.com')
driver.maximize_window()

wait = WebDriverWait(driver, 10)

search_box = wait.until(EC.presence_of_element_located((By.XPATH,
"//input[@class='Pke_EE']")))
search_box.send_keys('iphones')

search_btn = wait.until(EC.element_to_be_clickable((By.XPATH,
"//button[@type='submit']")))
search_btn.click()

products = wait.until(EC.presence_of_all_elements_located((By.XPATH,
"//div[@class='KzDlHZ']")))

print(str(len(products)) + ' products found')

for item in products:
    print(item.text)

driver.quit()
```

Chrome is being controlled by automated test software.

**Flipkart** Explore Plus

iphones

Login Become a Seller More Cart

Home > Mobiles & A... > Mobiles

Showing 1 – 24 of 578 results for "iphones"

Sort By **Relevance** Popularity Price -- Low to High Price -- High to Low Newest First

**Apple iPhone 16 (White, 256 GB)**

4.6 ★ 19,106 Ratings & 793 Reviews

₹79,999 **Assured**

₹89,900 11% off

Only 1 left

Upto ₹57,850 Off on Exchange

- 256 GB ROM
- 15.49 cm (6.1 inch) Super Retina XDR Display
- 48MP + 12MP | 12MP Front Camera
- A18 Chip, 6 Core Processor Processor
- 1 year warranty for phone and 1 year warranty for in Box Accessories.

Add to Compare

**Apple iPhone 16 (White, 128 GB)**

4.6 ★ 19,106 Ratings & 793 Reviews

₹69,999 **Assured**

₹79,900 12% off

Upto ₹57,850 Off on Exchange

Bank Offer

- 128 GB ROM
- 15.49 cm (6.1 inch) Super Retina XDR Display
- 48MP + 12MP | 12MP Front Camera
- A18 Chip, 6 Core Processor Processor
- 1 year warranty for phone and 1 year warranty for in Box Accessories.

https://www.flipkart.com/apple-iphone-16-white-256-gb/p/itm0ed9b33a2973?pid=MOBH4...

Automation\_with\_selenium

EXPLORER

WELCOME

sel\_1.py sel\_2.py

sel\_2.py > ...

```

47
48 # Wait for search box
49 search_box = wait.until(EC.presence_of_element_located((By.XPATH, "//*[@class='Pke_EE']")))
50 search_box.send_keys('iphones')
51

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

24 products found

```

Apple iPhone 16 (White, 256 GB)
Apple iPhone 16 (White, 128 GB)
Apple iPhone 15 (Black, 128 GB)
Apple iPhone 13 (Starlight, 128 GB)
Apple iPhone 16 (Black, 128 GB)
Apple iPhone 16 (Teal, 256 GB)
Apple iPhone 16 (Ultramarine, 128 GB)
Apple iPhone 16 (Teal, 128 GB)
Apple iPhone 13 (Midnight, 128 GB)
Apple iPhone 16 (Black, 256 GB)
Apple iPhone 16 (Pink, 128 GB)
Apple iPhone 15 (Pink, 128 GB)
Apple iPhone 16 Plus (Pink, 256 GB)
Apple iPhone 16 (Pink, 256 GB)
Apple iPhone 15 (Blue, 128 GB)
Apple iPhone 14 (Midnight, 128 GB)
Apple iPhone 15 (Green, 128 GB)
Apple iPhone 14 (Starlight, 128 GB)
Apple iPhone 16e (Black, 128 GB)
Apple iPhone 13 (Blue, 128 GB)
Apple iPhone 16 Plus (White, 128 GB)
Apple iPhone 16 (Ultramarine, 256 GB)
Apple iPhone 16 Plus (Black, 128 GB)
Apple iPhone 16 Plus (Ultramarine, 128 GB)

```

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