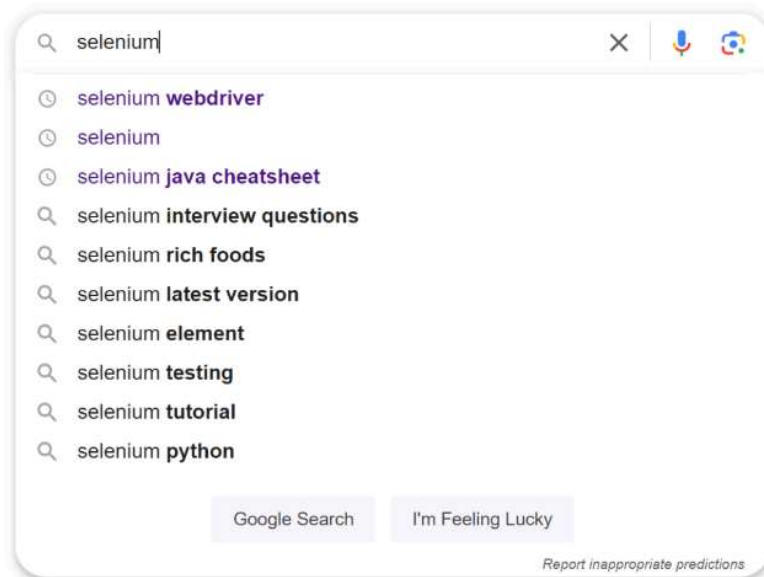


31. Handling Dropdowns - 3

Dropdowns

- Auto Suggest Dynamic Dropdown
- Dropdown with Hidden Items

Auto Suggest Dynamic Dropdown



[AutoSuggestDynamicDropDownDemo.py](#)

```
import time
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
opt = webdriver.ChromeOptions()
opt.add_argument("--start-maximized")
opt.add_experimental_option("detach", True)
driver = webdriver.Chrome(options=opt)
driver.implicitly_wait(10) ⇒ No need of implicit wait if we use explicit wait
my_wait = WebDriverWait(driver, 10)
driver.get("https://www.google.com/")
                        Enter search term in the search box
driver.find_element(By.NAME, "q").send_keys("selenium")
time.sleep(3) ⇒ used when no implicit wait
items = driver.find_elements(By.XPATH, "///ul[@role='listbox']/li")
                        Wait until the search suggestions are visible
items = my_wait.until(EC.visibility_of_all_elements_located((By.XPATH, "///ul[@role='listbox']/li")))
                        Print the number of suggestions
print(f"Number of suggestions: {len(items)}")
                        Print all the suggestions
print("Printing all the suggestions...")
for item in items:
```

```
print(item.text)
```

Select a specific suggestion

```
print("Selecting one of the suggestions...")
```

```
for item in items:
```

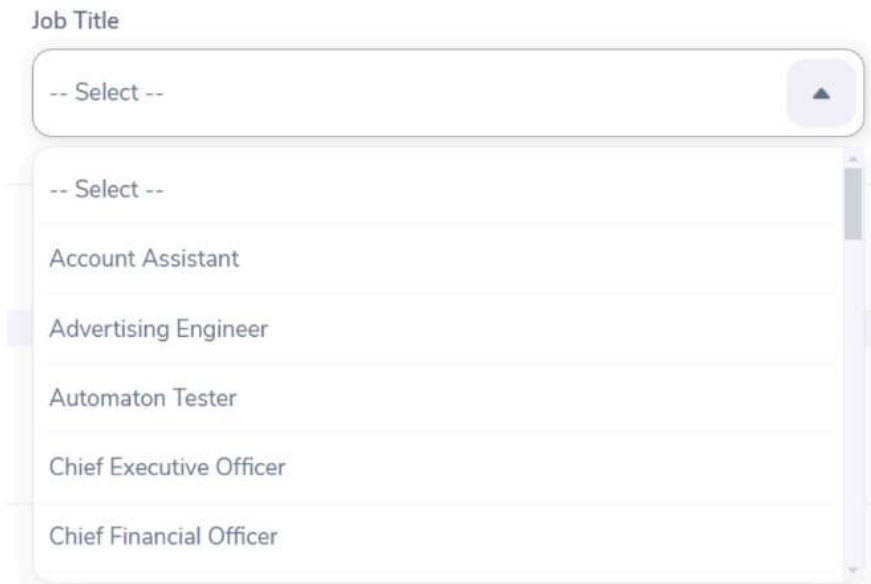
```
    if item.text == "selenium webdriver":
```

```
        item.click()
```

```
        break
```

```
driver.quit()
```

Dropdown with Hidden Items



[DropDownwithHiddenOptionsDemo.py](#)

```
from selenium import webdriver
```

```
from selenium.webdriver.common.by import By
```

```
opt = webdriver.ChromeOptions()
```

```
opt.add_argument("--start-maximized")
```

```
opt.add_experimental_option("detach", True)
```

```
driver = webdriver.Chrome(options=opt)
```

```
driver.implicitly_wait(10)
```

```
driver.get("https://opensource-demo.orangehrmlive.com/web/index.php/auth/login")
```

Login steps

```
driver.find_element(By.NAME, "username").send_keys("Admin")
```

```
driver.find_element(By.NAME, "password").send_keys("admin123")
```

```
driver.find_element(By.XPATH, "///button[normalize-space()='Login']").click()
```

Clicking on PIM

```
driver.find_element(By.XPATH, "///span[normalize-space()='PIM']").click() #PIM
```

Clicking on the dropdown

```
driver.find_element(By.XPATH, "///label[text()='Job Title']/following::div[1]").click()
```

Get all the options from the dropdown

```
options = driver.find_elements(By.XPATH, "///div[@role='option']/span")
```

Print all the options

```
print("Printing all the options..")
```

```
for option in options:
```

```
    print(option.text)
```

Select the specific option

```
for option in options:
```

```
    if option.text == "Automaton Tester":
```

```
        option.click()
```

```
        break
```

```
driver.quit()
```