

Practical Exercise – Selecting Dropdown Options



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

# Wait for a button to become clickable
button = WebDriverWait(driver, 10).until(
    EC.element_to_be_clickable((By.ID, "submit-btn"))
)
button.click()
```



- **Task:**
 - Open a slow-loading webpage.**
 - Use WebDriverWait to wait for elements to load.**
 - Verify that interactions occur without errors.**

Handling Delays



Practical Exercise – Selecting Dropdown Options



- **Difference between static (*time.sleep*) and dynamic (*WebDriverWait*) delays.**
- **How *WebDriverWait* improves reliability.**
- **Example conditions:**
 - **element_to_be_clickable.**
 - **presence_of_element_located.**

Handling Delays



Automating Checkboxes and Radio Buttons



- **How to check and uncheck checkboxes.**
- **Selecting radio buttons.**
- **Validating states (checked/unchecked).**



```
# Locate and toggle a checkbox
checkbox = driver.find_element("id", "accept-terms")
checkbox.click()

# Select a radio button
radio_button = driver.find_element("id", "option1")
radio_button.click()
```

Practical Exercise – Checkboxes and Radio Buttons



- **Task:**
 - Locate a checkbox and toggle its state.**
 - Select a specific radio button.**
 - Verify their states programmatically.**