

## Home Assignment : Window Handling and Interaction Automation

### Learning Objective:

Learn to automate window handling and interactions with web elements using Selenium WebDriver.

### Expected Time:

Best Case: 25 minutes

Average Case: 35 minutes

### Details:

Automate interactions with a webpage, focusing on window handling, using Selenium WebDriver.

### Precondition:

- Initialize ChromeDriver
- Load the URL (<http://leaftaps.com/opentaps/control/login>)
- Maximize the browser window
- Add an implicit wait to ensure the webpage elements are fully loaded

### Requirements:

- Enter the username and password.
- Click on the Login button.
- Click on the CRM/SFA link.
- Click on the Contacts button.
- Click on Merge Contacts.
- Click on the widget of the "From Contact".
- Click on the first resulting contact.
- Click on the widget of the "To Contact".
- Click on the second resulting contact.
- Click on the Merge button.
- Accept the alert.
- Verify the title of the page.

### Hints to Solve:

- Use Selenium methods such as ``get()``, ``findElement()``, ``sendKeys()``, ``click()``, and ``switchTo().alert()`` to perform the required actions.
- Use appropriate locators and techniques to interact with web elements.
- To switch between windows, use ``getWindowHandles()`` and ``switchTo().window()`` ..

### Reference Links:

Handling Multiple Windows - [Window Handling Doc](#)

### Expected Outcome:

Upon completion, you should be able to:

- Automate interactions involving window handling, navigate between windows, and interact with web elements using Selenium WebDriver methods.