

## Classroom Assignment <week2.day1>: Handling Dropdown Elements

### Learning Objective:

To understand the structure of dropdown elements in DOM and to handle it using the Selenium Select class.

### Expected Completion Time:

Best Case: 15 minutes

Average Case: 20 minutes

### Assignment Details:

Your task is to select values from dropdown in a web page using Selenium WebDriver

### Precondition:

- Initialize the WebDriver (ChromeDriver).
- Load the URL <http://leaftaps.com/opentaps/>.
- Maximize the browser window.

### Requirements:

- Enter the username as 'demosalesmanager'
- Enter the password as 'crmsfa'
- Click on the Login button.
- Click on the CRM/SFA link
- Click on the Leads tab.
- Click on the Create Lead link from shortcuts.
- Enter the mandatory fields on the web page.
- Select Employee in the source dropdown (using index)
- Select Automobile in the Marketing Campaign (using visibleText)
- Select Corporation in Ownership (using value)
- Click on the Create Lead button.
- Verify the title of the current web page.
- Close the browser window.

### Hints to Solve:

- Use Selenium WebDriver methods such as `get()`, `findElement()`, `getTitle()`, `click()`, `sendKeys()`, `selectByIndex()`, `selectByVisibleText()`, `selectByValue()` and `close()` to perform the required actions.
- To handle dropdown use Select class.

### Reference Links:

Locators used in Selenium - [Locators Docs](#)

Handling dropdown in Selenium - [Select Class Docs](#)

**Expected Outcome:**

Upon completion, you should be able to:

- Automate interactions with a dropdown element on a web page using Selenium WebDriver.
- Select an option from the dropdown using multiple methods.