

Home Assignment <>: Demonstrating Radio Button in Selenium

Learning Objective:

In this assignment, the focus of the assignment is on interacting with and manipulating radio buttons on a web page using Selenium WebDriver.

Expected Completion Time:

Best Case: 20 minutes

Average Case: 30 minutes

Assignment Details:

A Web Page Contains various Radio Button. Your task is to automate with these radio button using Selenium WebDriver.

Precondition:

- Launch the Browser and Load the URL <https://www.leafground.com/radio.xhtml>.
- Add the ImplicitWait
- Maximize the browser window.

Requirements:

- Select 'Your most favourite browser' from the radio buttons
- Click on a radio button, then click on the same radio button again to verify that it becomes 'unselected'.
- Identify the radio button that is initially selected by default.
- Check and select the age group (21-40 Years) if not already selected.

Hints to Solve:

- Use Selenium WebDriver methods such as `findElement()`, `isEnabled()`, `isSelected()`, `click()` to perform the required actions and verification.

Reference Link:

Verification about WebElements in Selenium -
<https://www.selenium.dev/documentation/webdriver/elements/information/>

Expected Outcome:

Upon completion, you should be able to:

- Automate interactions with radio buttons on a web page using Selenium WebDriver.
- Verify the behaviour of radio buttons, including selecting, deselecting, and checking their initial states.