

Automation Project 2 – Selenium Practice on Let's Kode It Report

Project Details

Project Title: Automation Testing of “Let’s Kode It Practice” Website

Tested URL: <https://www.letskodeit.com/practice>

Tools and Technologies Used

- Programming Language: Java
- Automation Tool: Selenium WebDriver
- Browser: Firefox
- IDE: Eclipse
- Driver: GeckoDriver

1. Overview

This project automates testing of the “Let’s Kode It Practice” website to validate multiple web elements including text fields, buttons, checkboxes, radio buttons, dropdowns, mouse hover actions, iframe interactions, and alerts. The goal is to ensure that all elements are functional, interactable, and produce the expected results.

The automation script verifies element functionality, performs actions like typing, clicking, selecting, switching frames, handling alerts, and logs the results for review.

2. Test Cases Executed

Total Number of Test Cases Executed : 9

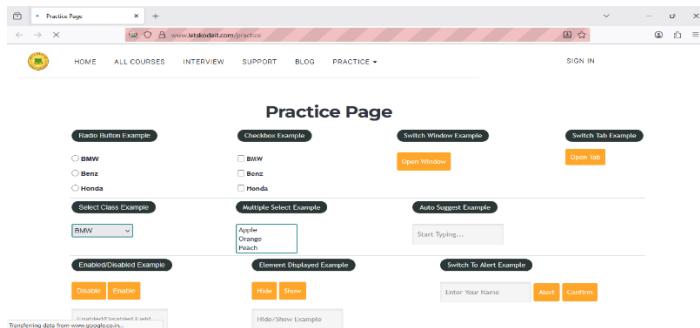
Number of Test cases Passed:9

Number of Test cases Failed:0

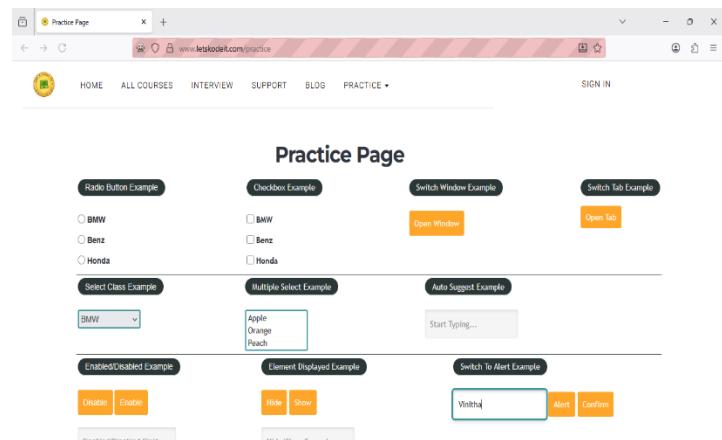
Task No	Task Description	Result
1	Browser Launch & Page Navigation	Passed
2	Enter Name Textbox Handling	Passed
3	Alert & Confirm Button Handling	Passed
4	Checkbox Handling	Passed
5	Radio Button Handling	Passed
6	Dropdown Handling	Passed
7	Mouse Hover & Hidden Link Click	Passed
8	iFrame Handling & Input	Passed
9	Alert Verification	Passed

3. Screenshots / Logs

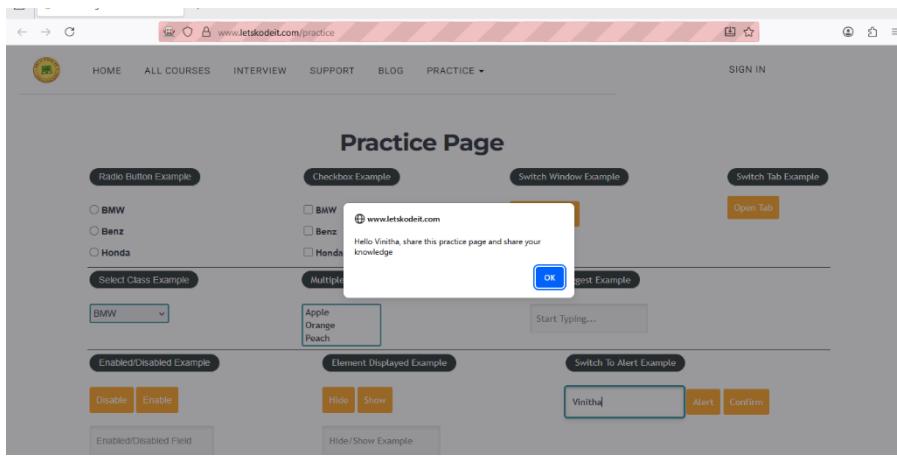
- Task 1 – Page title



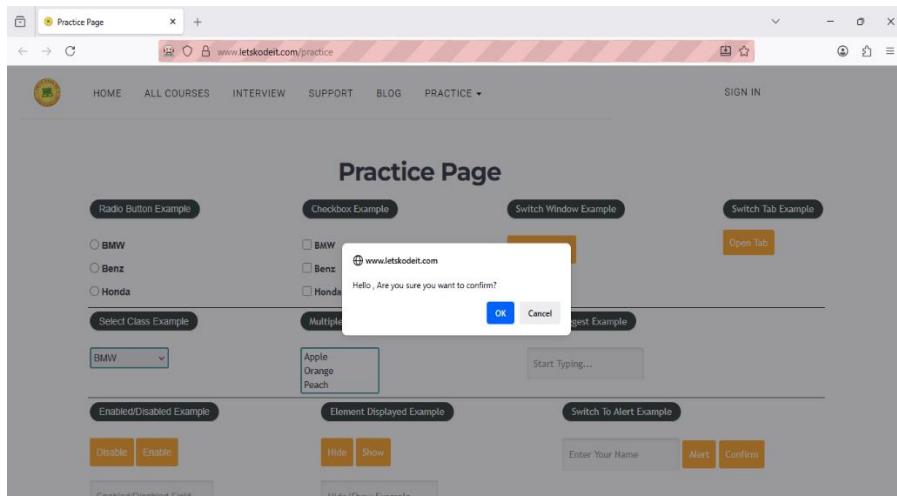
- Task 2 – Textbox Input



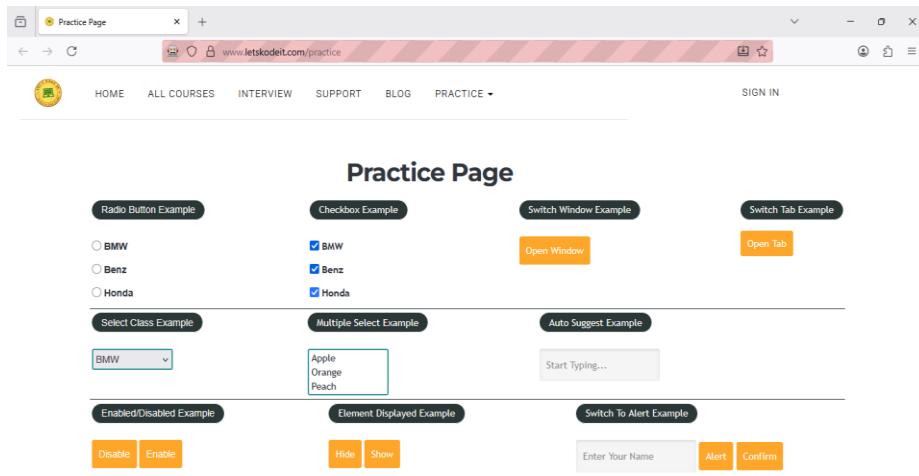
- **Task 3-Alert text :**



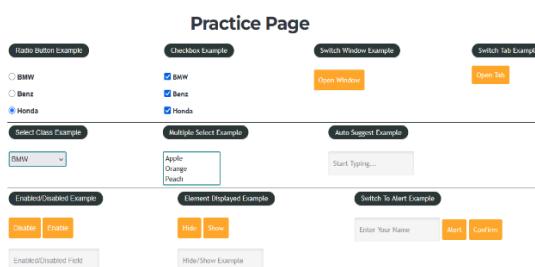
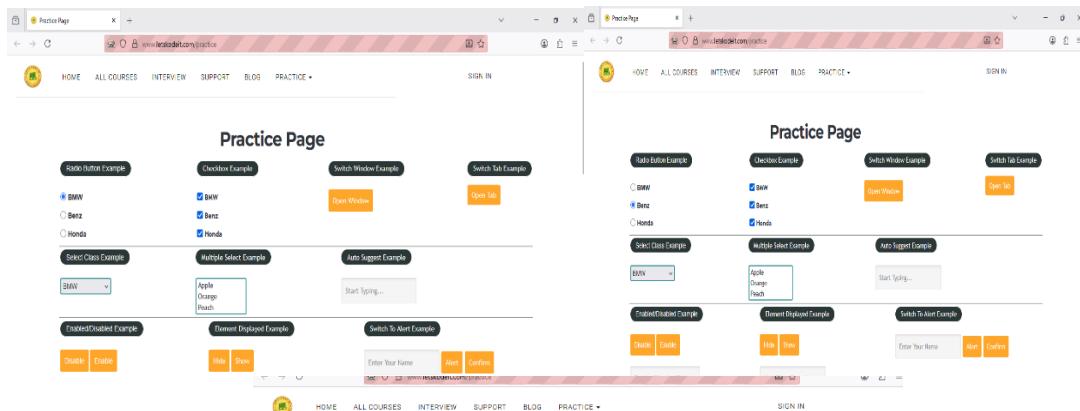
Confirm text:



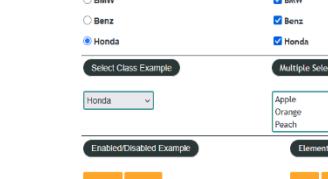
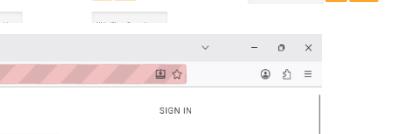
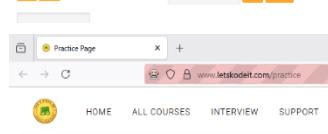
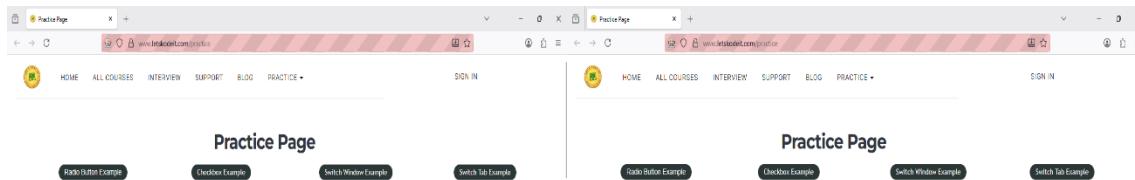
- **Task 4 – Checkbox Selection**



- **Task 5: Radio Button Handling**



- Task 6: Dropdown Handling



• Task 7 – Mouse Hover

The screenshots show two different configurations of the 'Mouse Hover' example on the practice page. The left configuration includes a dropdown menu for 'Honda' with options 'Apple', 'Orange', and 'Peach'. The right configuration includes a dropdown menu for 'Honda' with options 'BMW', 'Benz', and 'Honda'.

• Task 8 – iFrame Input

The screenshots show the 'All Courses' page on the letskodeit website. The left screenshot displays a grid of course thumbnails, including 'Cypress.io Test Automation', 'JavaScript for beginners', and 'Selenium WebDriver Advanced'. The right screenshot shows a detailed view of the 'Selenium WebDriver Advanced' course, which is described as an 'Industry Standard Framework'.

This screenshot shows the 'Practice Page' on the letskodeit website, specifically the section for 'Task 8 – iFrame Input'. It includes several examples: 'Radio button Example' (radio buttons for BMW, Benz, Honda), 'Checkbox Example' (checkboxes for BMW, Benz, Honda), 'Select Class Example' (dropdown menu for 'BMW'), and 'Element Displayed Example' (buttons for 'Hide' and 'Show').

Task 9 – Alert Verification

This screenshot shows the 'All Courses' page on the letskodeit website. A modal dialog box is displayed, asking the user to 'share this practice page and share your knowledge!' with 'OK' and 'Cancel' buttons. This is likely a demonstration of how to verify alerts in Selenium WebDriver.

4. Conclusion

All test cases were executed successfully without any failures. The automation project demonstrates the ability to interact with multiple web elements using Selenium WebDriver and validates expected behavior on the “Let’s Kode It Practice” website.

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