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

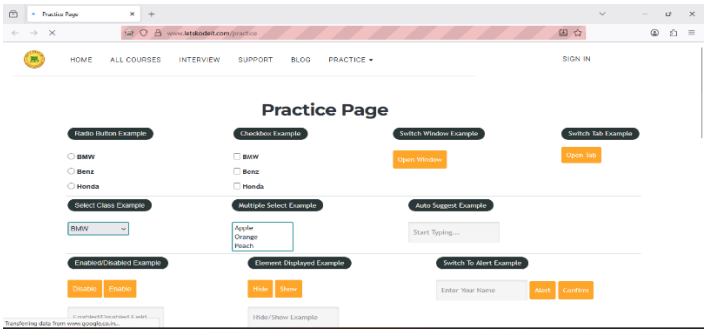
Number of Test cases Passed:9

Number of Test cases Failed:0

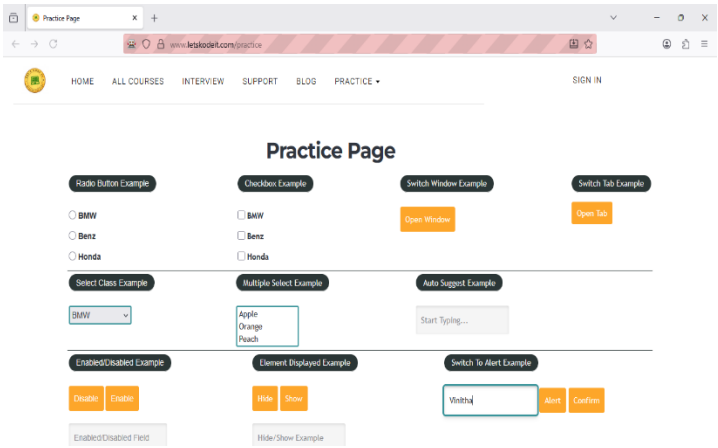
Task No	Task Description	Result
1	Browser Launch & Page Navigation	Passed
2	Enter Name Textbox Handling	Passed
3	Alert & Confirm Button Handling	Passed
4	Checkbox Handling	Passed
5	Radio Button Handling	Passed
6	Dropdown Handling	Passed
7	Mouse Hover & Hidden Link Click	Passed
8	iFrame Handling & Input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

3. Screenshots / Logs

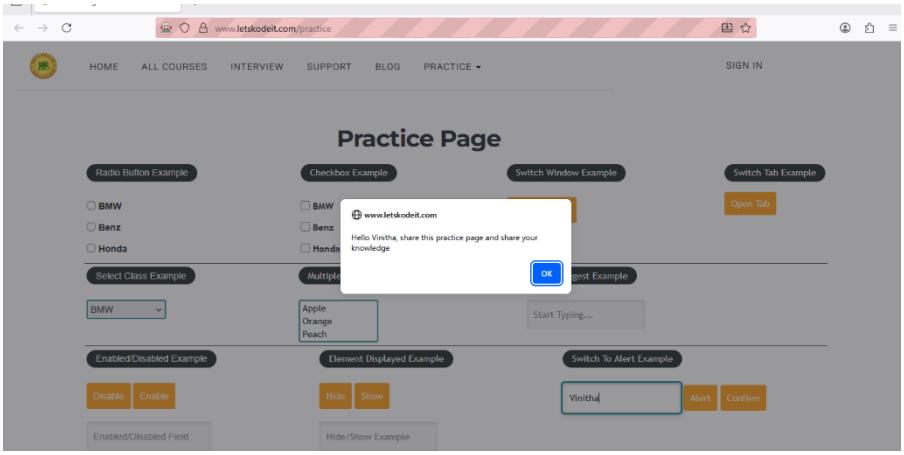
- **Task 1 – Page title**



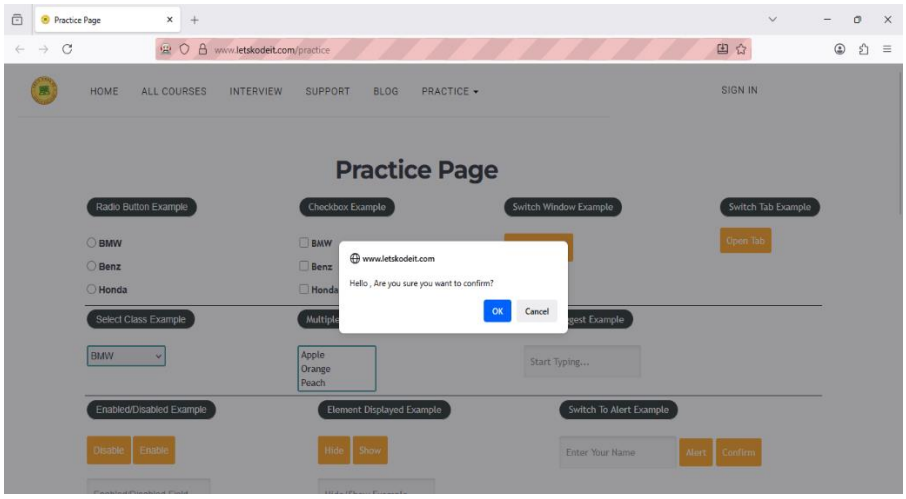
- **Task 2 – Textbox Input**



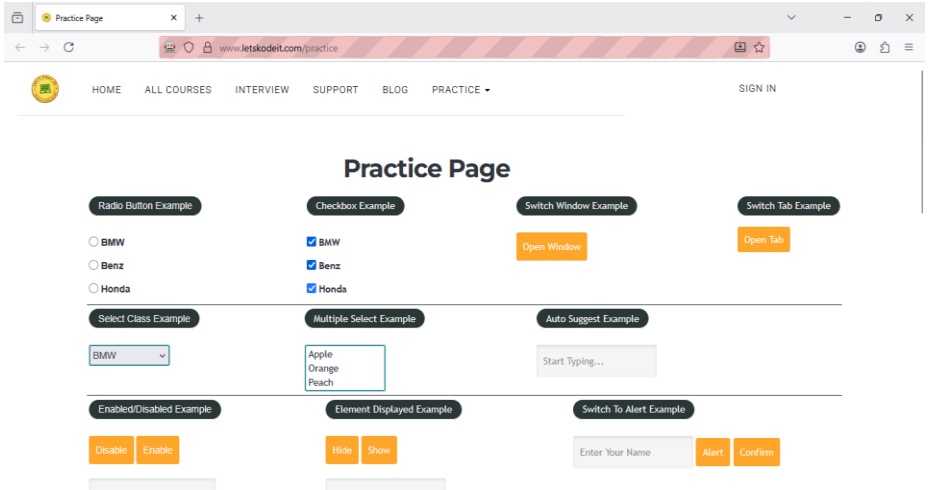
- **Task 3-**Alert text :



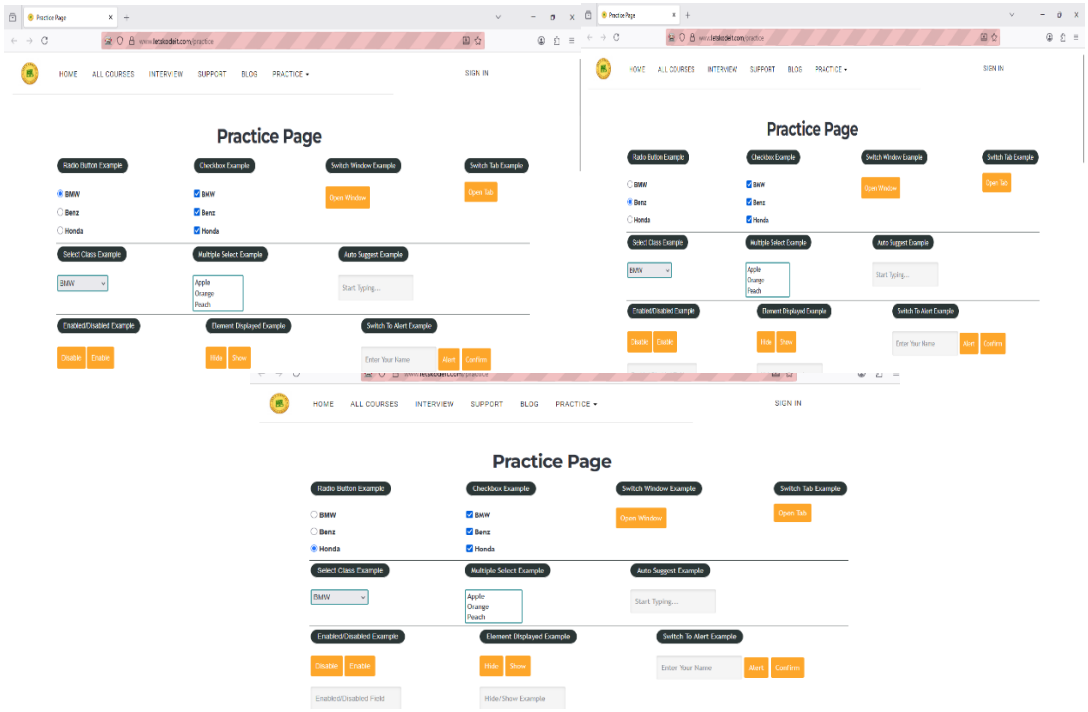
Confirm text:



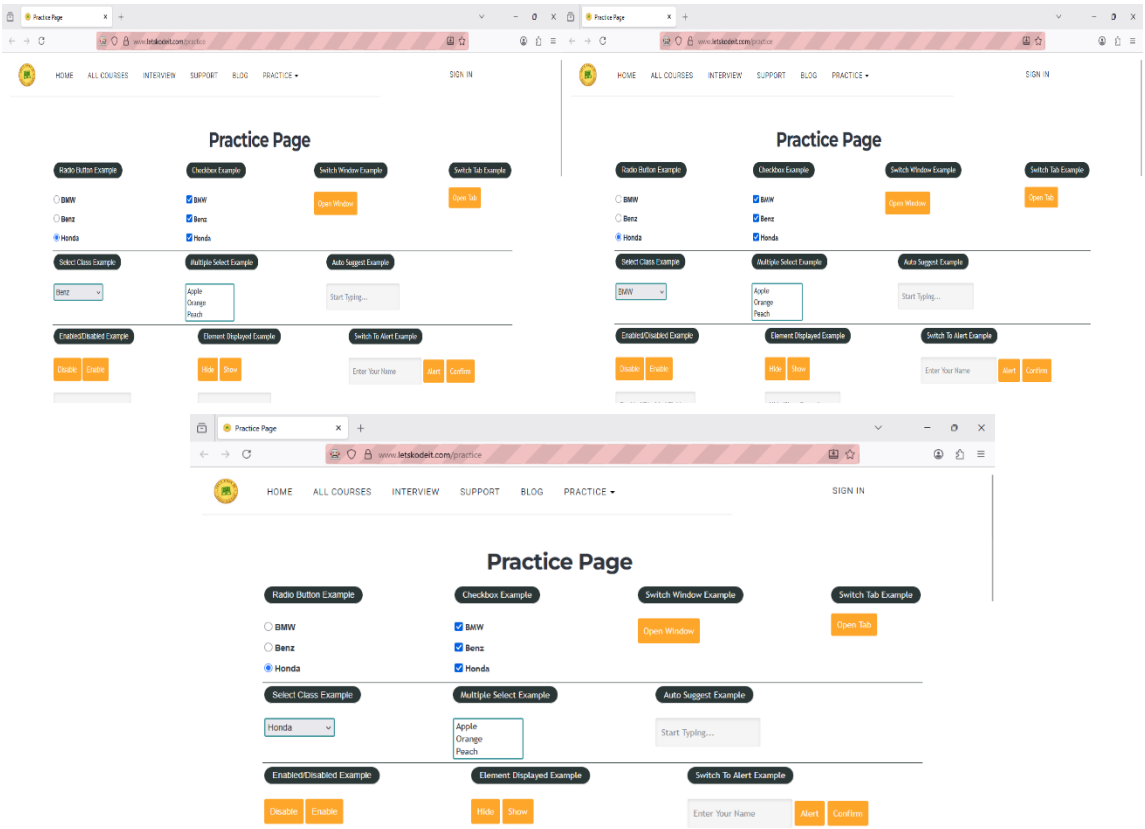
- **Task 4 – Checkbox Selection**



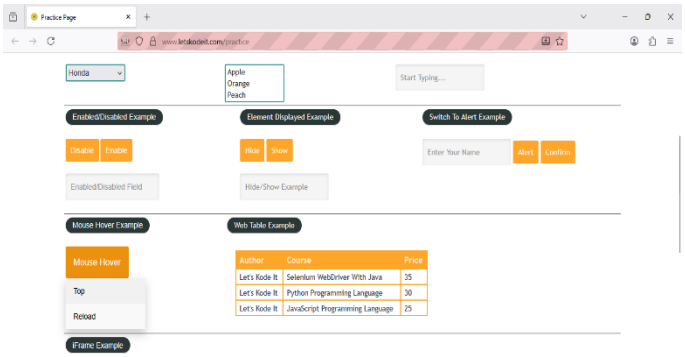
- **Task 5: Radio Button Handling**

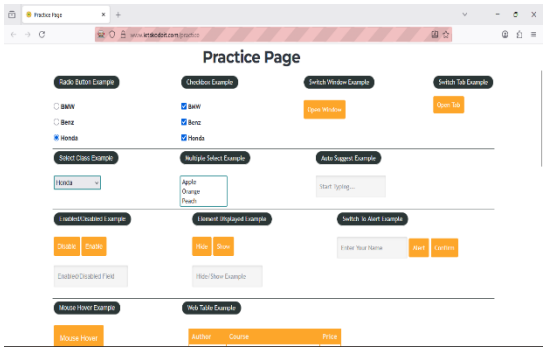


- **Task 6: <u>Dropdown</u> Handling**

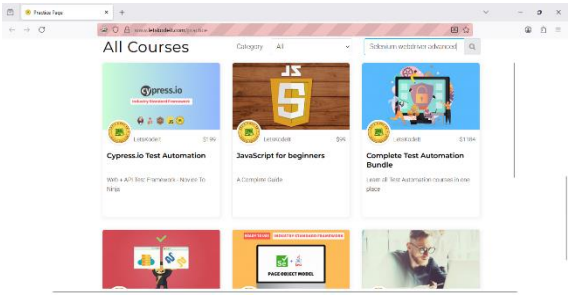


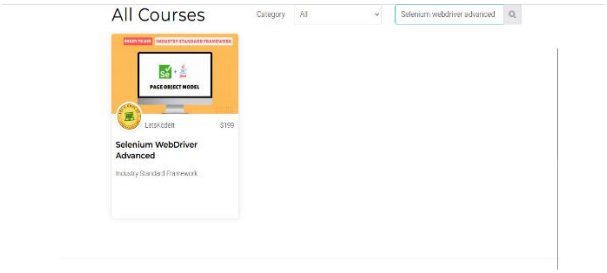
- **Task 7 – Mouse Hover**

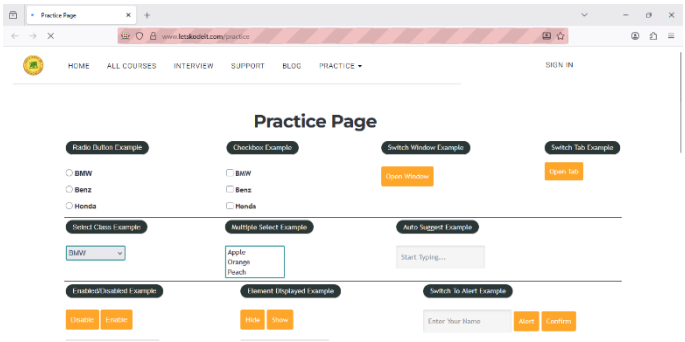




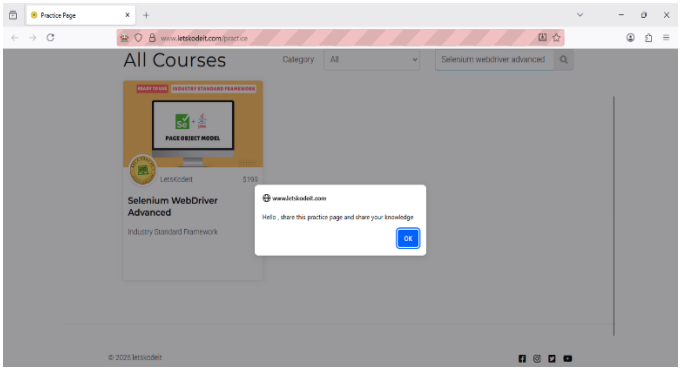
- **Task 8 – iFrame Input**







Task 9 – Alert Verification



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.

Prepared By: Vinitha M.

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