SELENIUM IDE

INTRODUCTION

- What is Selenium?

  - Open-source automation testing tool.

  - Supports multiple browsers (Chrome, Firefox, etc.).

  - Features include scripting, debugging, and recording.

RECORD AND PLAY OVERVIEW

- What is the Record and Play feature?

  - Automatically generates test scripts as you interact with the browser.

  - It is useful for beginners to understand Selenium's basics.

SETTING UP SELENIUM IDE

- Install the Selenium IDE browser extension (Chrome/Firefox).

  - https://chromewebstore.google.com/detail/selenium-ide/mooikfkahbdckldjjndioackbalphokd?hl=en

- Open the IDE and create a new project.

RECORDING A TEST

- Click on the "Record" button in Selenium IDE.

- Perform actions (e.g., fill forms, navigate pages).

- Stop recording once finished.

- Save the test case.

PLAYING A TEST

- Select the recorded test case.

- Click the "Play" button to replay the steps.

- Verify results in the IDE logs.

ADVANTAGES AND LIMITATIONS

- Pros:
  - Easy for beginners.
  - Quick creation of tests.
- Cons:
  - Limited customization.
  - May require additional scripting for complex tests.