

MODULE-5

Selenium IDE

Que:-1 What is Automation Testing?

- Automation testing is a software testing technique that utilizes specialized automation testing tools to automatically run a suite of test cases, delivering faster and more accurate results compared to manual testing methods. The process of running the same test suite repeatedly is time-consuming, so by leveraging a test automation tool, it is much faster to write the test suite, re-play it as required, reduce human intervention, and improve testing ROI.
- With automation testing, you can effortlessly input test data into the System Under Test, compare expected outcomes with actual results, and generate comprehensive test reports. Although it demands some allocation of funds and resources, automation testing is a worthwhile investment for any organization looking to streamline their software testing process.

Que:-2 Which Are The Browsers Supported By Selenium Ide?

- Selenium IDE has add-ons for Firefox and Chrome browsers. Selenium IDE comes with a rich set of commands that are powered by Selenese, and it allows you to record and test different interactions of a web application with the browser.

Que:-3 What are the benefits of Automation Testing?

- 70% faster than the manual testing
- Wider test coverage of application features
- Reliable in results
- Ensure Consistency
- Saves Time and Cost
- Improves accuracy
- Human Intervention is not required while execution
- Increases Efficiency
- Better speed in executing tests
- Re-usable test scripts
- Test Frequently and thoroughly
- More cycle of execution can be achieved through automation
- Early time to market

Que:-4 What are the advantages of Selenium?

- Very easy to use and install.
- No programming experience is required, though knowledge of HTML and DOM are needed
- Can export tests to formats usable in Selenium RC and Web Driver
- Have built-in help and test results reporting module.
- Provides support for extensions

Que:-5 Why testers should opt for Selenium and not QTP?

- Selenium, however, supports a wide range of programming languages. QTP/UFT test scripts run only on the Windows environment. They cannot be run across all browsers. On the other hand, Selenium is OS independent and allows test scripts to run across all browsers.