

Assignments Module – 5 (Selenium IDE)

Q.1 What is Automation Testing?

Ans :-

Automation Testing is a technique where the Tester writes scripts on their own and uses suitable Software or Automation Tool to test the software. It is an Automation Process of a Manual Process. It allows for executing repetitive tasks without the intervention of a Manual Tester.

Q.2 Which Are The Browsers Supported By Selenium Ide?

Ans:-

The supported browsers include Mozilla Firefox, Google Chrome, Microsoft Edge, Safari, and Opera, among others.

Q.3 What are the benefits of Automation Testing?

Ans:-

1. Enhanced Results
2. Swifter Feedback system
3. Brand Enhancement
4. Cost-effective
5. Efficiency Testing
6. Increase in Coverage Area
7. Detailed Testing
8. Reusability
9. Earlier Detection of Defects
10. Time to market

Q.4 What are the advantages of Selenium?

Ans:-

- Selenium is an open-source tool.
- Selenium supports cross-browser and cross-platform testing.
- The configuration of the Selenium WebDriver is very easy. You just need to import its libraries.
- Selenium communicates directly with browsers in the browser's native language.
- There are many programming languages which are supported by Selenium such as Java, C#, Python, Ruby, Perl, PHP, and Javascript.
- A separate class for different browsers for a better organization than RC.
- Selenium supports automating only Web Application Under Test (WAUT). Automating desktop applications are not supported.
- Autolt can work with Selenium to automate interactions with Windows GUI.
- With Selenium, you can easily build Data Driven and Keyword Driven automation framework.
- Selenium WebDriver runs faster than Selenium RC.
- It supports executing test on headless browsers.
- Selenium also supports iOS and Android platform.

Assignments Module – 5 (Selenium IDE)

Q.5 Why testers should opt for Selenium and not QTP?

Ans:-

1. It is commercial tool and hence it requires a license is expensive
2. It is used mainly to test client-server applications. It can test web- based as well as desktop applications
3. QTP tests can only be developed using QTP IDE
4. It only supports VB script
5. It comes with built in object repository. So, object repository development and maintenance is quite easy.
6. It integrates with test management tool like HP Quality Center
7. All types of dialog box is supported by it.
8. It supports different environments like SAP, Oracle, .NET but user need to purchase add-on license for them
9. Automation testing is expensive due to licensing cost

So, the conclusion is that, if you are automating web application, Selenium should be the best choice for tester.

Q.6 To validate the Swaglab website Login and logout process page

<https://www.saucedemo.com>