**Diploma in Software Testing**

**AN ASSIGNMENT ON**

**Course Title:- Advance Selenium**

**Assignments Module:- 2 (Selenium IDE)**

**Submitted To:-**

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* What is Automation Testing?

• Which Are The Browsers Supported By Selenium Ide?

• What are the benefits of Automation Testing?

• What are the advantages of Selenium?

• Why testers should opt for Selenium and not QTP?

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2. To use click and wait  
3. To use locators  
4. To use other command

* **What is Automation Testing?**

Automation testing or Test Automation is a process of automating the manual process to test the application/system under test. Automation testing involves use to separate testing tool which lets you create test scripts which can be executed

Repeatedly and doesn’t require any manual intervention.

* **Which Are The Browsers Supported By Selenium Ide?**

Currently, Firefox, Chrome, Edge, IE, and Safari are supported and the Selenium IDE has great documentation on how to configure your environment.

* **What are the benefits of Automation Testing?**

Benefits of Automation testing are:

1. Supports execution of repeated test cases

2. Aids in testing a large test matrix

3. Enables parallel execution

4. Encourages unattended execution

5. Improves accuracy thereby reducing human generated errors

6. Saves time and money

* **What are the advantages of Selenium?**

1. Manual intervention is less, so the possibility of errors diminishes.
2. It ensures higher ROI on the huge investments required initially.
3. Automated tests make the process more reliable and the tests more dependable.
4. Automation helps you find bugs at an early stage.
5. You can test 24\*7 from a remotely–held device as well.
6. It makes the test scripts reusable – need new scripts every time even with changes in the version of the OS on the device and the tests can recur without any errors.
7. Most importantly, it enables testing in volumes. For instance, it allows you to [test thousands of mobile devices](https://www.cigniti.com/blog/cloud-enabled-mobile-device-lab-for-apps-testing/). Now, this is impossible with Manual Testing.

* **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.