**Selenium IDE**

**What is Automation Testing?**

* Test automation is the use of software to control the execution of tests, the comparison of actual outcomes to predicted outcomes, the setting up of test preconditions, and other test control and test reporting functions.
* Commonly, test automation involves automating a manual process already in place that uses a formalized testing process.

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

The supported browsers are :

Chrome, Firefox, Safari, Internet Explorer, Edge, UC Browser,

Opera, etc.

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

Benefits of Automation Testing :

1. 70% faster than the manual testing

2. Wider test coverage of application features

3. Reliable in results

4. Ensure Consistency

5. Saves Time and Cost

6. Improves accuracy

7. Human Intervention is not required while execution

8. Increases Efficiency

9. Better speed in executing tests

10. Re-usable test scripts

11. Test Frequently and thoroughly

12. More cycle of execution can be achieved through automation

13. Early time to market

**What are the advantages of Selenium?**

Advantages of Selenium

1. Open source, free to use, and free of Charge.

2. Highly extensible

3. Can run tests across different browsers

4. Supports various operating systems

5. Supports mobile devices

6. Can execute tests while the browser is minimized to be visible on the desktop

7. Can execute tests in parallel.

**Why testers should opt for Selenium and not QTP?**

1. Selenium open source, free to use, and free of Charge. When QTP is Commercial.
2. Selenium Highly extensible When QTP Limited add-ons.
3. Selenium can run tests across different browsers when QTP Can only run tests in Firefox , Internet Explorer and Chrome.
4. Selenium supports various operating systems when QTP can only be used in Windows.
5. Selenium supports mobile devices when QTP supports mobile devise using 3rd party software.
6. Selenium Can execute tests while the browser is minimized to be visible on the desktop when QTP Needs to have the application under test
7. Selenium can execute tests in parallel when QTP can only execute in parallel but using Quality Center which is again a paid product.

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**1. To use assert**

**2. To use click and wait**

**3. To use locators**

**4. To use other command**