**ASSIGNMENT NO.5**

**Question: What is Automation Testing?**

**Answer:** 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.

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

**Answer:** Selenium ide can run teste acrossdifferent browsers like Firefox, Internet Explorer, crome, opera & etc.

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

##### Answer:1. Enhanced Results

##### 2.  Swifter Feedback system

##### 3.  Brand Enhancement

##### 4. Cost-effective

##### 5. Efficiency Testing

##### 6.  Increase in Coverage Area

##### 7.  Detailed Testing

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

**Answer:**

1. **Speed Control** – Helps control the speed of test cases
2. **Run All** – Allows execution of the entire Test Suite
3. **Run** – Runs the currently selected test
4. **Pause/Resume** – Allows a user to pause and resume a particular test case
5. **Step** – Helps step into each specific command in the test script
6. **Rollup** – Helps group all the Selenese Commands together and make them execute as a single operation

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

**Answer:** 1.QTP/UFT only supports the VBScript programming language. Test scripts cannot be written in any other language. Selenium, however, supports a [wide range of programming languages](https://www.browserstack.com/docs/automate/selenium). 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. QTP/UFT does not support different IDEs. It works only on QTP/UFT developed IDEs.