1. **What is Automation Testing?**

Automation testing refers to a process that automates the testing by executing the test scripts through a software testing tool (like Selenium).

Automation testing ensures faster and more consistent test execution. These techniques are more reliable for repetitive kind of testing that requires to cover wider range of scenarios.

1. **Which Are the Browsers Supported By Selenium Ide?**

Mozilla Firefox

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

* Cost-Effective
* Less time consuming
* Reliable
* Parallel testing
* Accurate
* Increase in productivity
* Improved quality software
* Better test management
* Improved test coverage

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

* Open-source tool
* Supports most of the used browsers like Chrome, Edge, Firefox, etc.
* Supports all the Operating System
* Supports programming language such as Java, Python, C#, Ruby.
* Can run multiple tests at a time (parallel testing)

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

There are multiple reasons why Why testers should opt for Selenium over QTP, of which some of them are the following:

|  |  |
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| **Selenium** | **QTP** |
| Open-source tool | Commercial tool |
| Highly extensible | Limited add-ons |
| Supports multiple browsers | Can run tests only on selected browsers (IE, Firefox, Chrome) |
| Supports all the operating system | Only supports windows |
| Parallel testing is possible without a single penny used | Need to purchase Quality Centre to do parallel testing |
| Test Reports can be generated automatically using tool like testNG etc. | No native support to generate test report |