1. What is Automation Testing?

Automated testing is a software testing technique that automates the process of validating the functionality of software and ensures it meets requirements before being released into production. With automated testing, an organization can run specific software tests at a faster pace without human testers.

1. Which Are The Browsers Supported By Selenium Ide?

The supported browsers include Mozilla Firefox, Google Chrome, Microsoft Edge, Safari, and Opera, among others. Selenium WebDriver allows you to write tests in various programming languages (including Java, C#, Python, and more) and execute them on different browsers using the corresponding WebDriver implementations.

1. What are the benefits of Automation Testing?

⚫70% faster than the manual testing

⚫Wider test coverage of application features

⚫ Reliable in results

⚫ Ensure Consistency

⚫ Saves Time and Cost

⚫ Improves accuracy

⚫ Human Intervention is not required while execution

⚫ Increases Efficiency

⚫ Better speed in executing tests

⚫ Re-usable test scripts

⚫ Test Frequently and thoroughly

⚫More cycle of execution can be achieved through automation

⚫ Early time to market

1. What are the advantages of Selenium?

Selenium provides high tester flexibility to write advanced and complex test cases. Supports test scripts written in any user-preferred languages such as C#, Java, Perl, PHP, Python, and Ruby. Supports test case execution on multiple operating systems such as Windows, Linux, Android, Mac, and iOS ...

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

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| SELENIUM | QTP |
| Open source, free to use, and free of  charge. | Commercial |
| Highly extensible | Limited add-ons |
| Can run tests across different browsers | Can only run tests in Firefox , Internet  Explorer and Chrome |
| Supports various operating systems | Can only be used in Windows |
| Supports mobile devices | Supports mobile devise using 3rd party  software |
| Can execute tests while the browser is minimized | Needs to have the application under test to be visible on the desktop |
| Can execute tests in parallel | Can only execute in parallel but using Quality Center Which is againa paid product |