1. What is Automation Testing?

* Automation testing is the process in which testers utilize tools and scripts to automate testing efforts.

1. Which Are The Browsers Supported By Selenium Ide?

* Firefox Browser
* Chrome Browse

1. What are the benefits of Automation Testing?

* Saving Costs
* Swifter Feedback
* Better allocation of resources
* Guarantees higher accuracy
* Increased test coverage
* Defects bugs earlier

1. What are the advantages of Selenium?
2. Selenium is pure open source, freeware and portable tool.
3. Selenium supports variety of languages that include Java, Perl, Python, C#, Ruby, Groovy, Java Script, and VB Script. etc.
4. Selenium supports many operating systems like Windows, Macintosh, Linux, Unix etc.
5. Selenium supports many browsers like Internet explorer, Chrome, Firefox, Opera, Safari etc.
6. Selenium can be integrated with ANT or Maven kind of framework for source code compilation.
7. Selenium can be integrated with TestNG testing framework for testing our applications and generating reports.
8. Selenium can be integrated with other open source tools for supporting other features.
9. Selenium can be used for Android, IPhone, Blackberry etc. based application testing.
10. Selenium supports very less CPU and RAM consumption for script execution.
11. Why testers should opt for Selenium and not QTP?

* Selenium is an open source whereas QTP is a commercial tool
* Selenium is used specially for testing web based applications while QTP can be used for testing client server application also
* Selenium supports Firefox, IE, Opera, Safari on operating systems like Windows, Mac, Linux etc. however QTP is limited to Internet Explorer on Windows.
* Selenium supports many programming languages like Ruby, Perl, Python whereas QTP supports only VB script.