Module -Module - 5 (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?
  Mozilla, Firefox,IE, Safari are the browser that is supported by Selenium IDE

- What are the benefits of Automation Testing?
  1. 70% faster than the manual testing.
  2. Wider test coverage of application features.
  3. Reliable in result.
  4. Ensure consistency.
  5. Saves time and costs.
  6. Improves accuracy.
  7. Human intervention is not required while execution.
  8. Increases efficiency.
  9. Better speed in executing tests.
  10. Reusable test scripts.
  11. Test frequently and thoroughly.
  12. More cycles of execution can be achieved.
  13. Early time to market.

- What are the Advantages of Selenium?
  It is a free (open source)automated testing suite for web applications across different web browsers and platforms.
  Advantages:
  1. Very easy to use and install.
  2. No programming experience required,though knowledge of html and dom is needed.
  3. Can export tests to formats usable in selenium RC and web driver.
  4. Has built in help and tests results reporting module.
  5. Provides support for extensions.

- Why testers should opt for Selenium and not QTP?
  Though clearly , QTP has more advanced capabilities , selenium outweighs QTP in three main areas,
  1. Cost (because Selenium is completely free)
  2. Flexibility (because of a number of programming languages, browsers, and platforms it can support.

3. Parallel testing (something that QTP is capable of but only with use of Quality center)