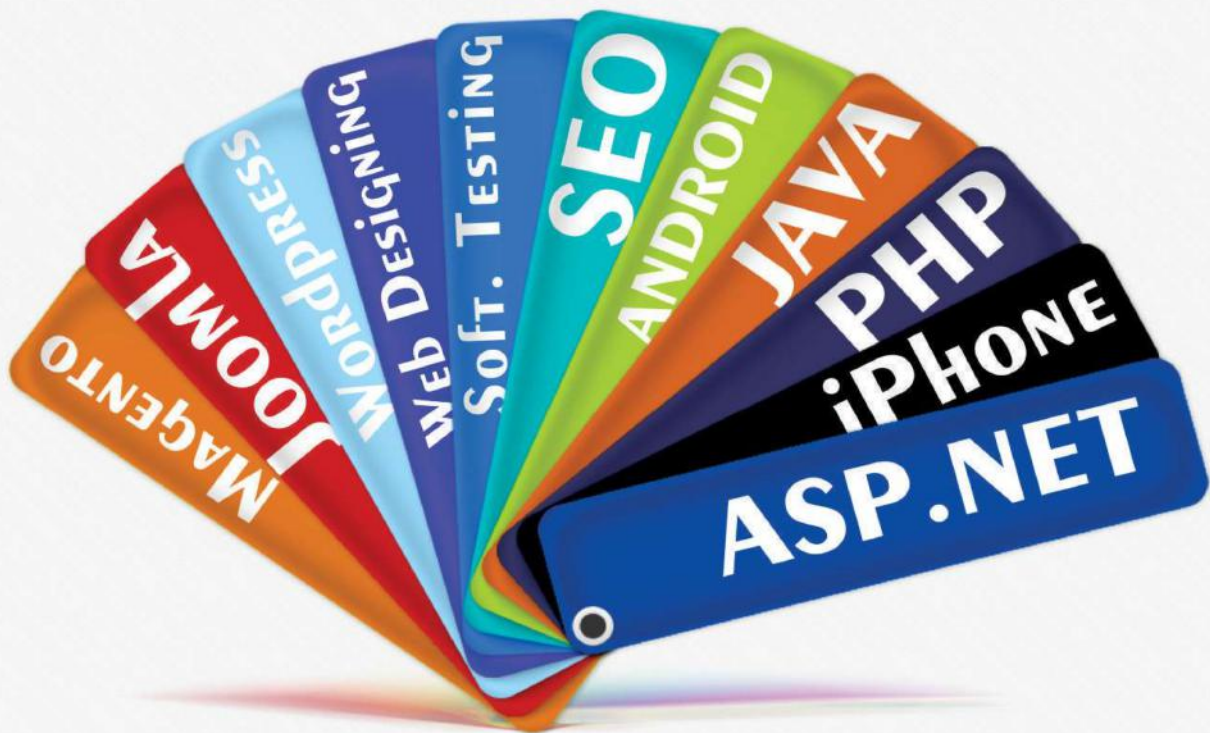


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PRE-REQUISITE

- Core JAVA
- Knowledge of Software Testing

MODULE 1 [Introduction]

- What is automated testing
- Difference between manual and automation testing
- Introduction of selenium
- QTP vs Selenium
- Advantages of selenium
- Selenium components
- Selenium IDE
- Selenium RC Architecture
- Web driver Architecture
- Web driver vs Selenium RC
- Future of selenium

MODULE 2 [Introduction of Java in Selenium]

- Variables
- Constructors
- OOPS Concepts
- Conditional and Looping Statements
- Array
- String Class

MODULE 3 [Selenium IDE& Selenium Web Driver Installation, JDK,JRE, Eclipse, Firebug , Firepath]

- Download and Installation Selenium IDE
- Explanation of step by step instructions for setup Selenium Webdriver
- JDK,JRE, Eclipse
- Fire Bug and Fire path

MODULE 4 [Introduction to Selenium IDE and web driver components]

- Record play back
- Detailed discussion about web driver commands
- Identify the XPath and Usage
- Introduction about locator concept
- Brief explanation of different locator Techniques
- Working with Calendar
- Browser components
- Drag and Drop Controls
- Mouse and Key-board Event
- Handle JavaScript, Dialogs

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MODULE 5 [JUnit]

- What is Junit
- Configuration with Eclipse
- Running Test in JUnit

Live demo of creating user name in facebook and validating it

MODULE 6 [future selenium work shop topics advance level]

- Create common library functions
- Dynamic Functions
- Setup Logging
- JDBC Testing using Selenium
- Reporting
- Skipping tests
- Parameterization in JUnit
- Assertions
- Static and Dynamic Functioning
- Reporting errors
- Test mixtures
- Compiling and running the program
- Integration Selenium driver, JUnit and TestNG
- Testing Framework with TestNG
- Types of Framework
- Tools for Developing test Framework
- Integration of Eclipse and TestNG
- Test Suit with TestNG
- Hybrid Framework for Web application
- Maven Integration
- External Data for Testing
- Understanding Report



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