Selenium Syllabus

Different Sections Covering

- From Basic to Advance Selenium Concepts

- TestNG , ANT, Maven and Jenkins

- Basics of Java

- Different other tools like log4j,cucumber that can be used in conjunction with selenium

- Data Driven Testing

- Interview Questions and Quizzes

Sections 1 and 2 includes:-

- Selenium Introduction
    - Selenium History
    - Selenium Architecture

- Installation of Java, Eclipse and Selenium Jars download.
    - Configuration of Selenium Jars into Eclipse.
    - Brush up of Basic Java Concepts

Sections 3 and 4 includes:-

- First WebDriver Program
  - Different WebDriver methods
  - How to invoke different browsers using WebDriver.

- Different Locators Techniques and tools used
  - Firebug and Firepath Add-ons
  - Element identification by different locating mechanism

Section 5 includes:-

- Advance ways of locating webelement\objects
  - Writing customized xpath and cssselector
  - Tips and Tricks for interview

Section 6 includes:-

- Techniques to automate web UI
  - **Handling Dropdown/Select element**
  - **Handling checkboxes, radiobuttons**
  - **Handling Javascript Alert**
  - **WebElement validation techniques**
  - **Interview Questions**

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Sections 7,8 and 9 includes:-

- Techniques to Automate advanced WebUI
    - Handling Ajax/Mouse interaction
    - Handling window, multiple windows
    - Handling Frames
- Real Time Exercises (end to end Programming)
- Practical problems and Methods to Handle them with Selenium

Sections 10,11,12,13 and 14:-

- Famous Interview Questions
- Cross Browser Testing with Selenium Grid
- Cloud Testing with Selenium-Sauce Labs
- Performance Testing on Selenium Test cases
- Selenium 3.0 -Mobile Automation Testing Basics

Sections 15 to 20:-

- TestNG
- Data Driven Framework using properties file
- ANT build management tool
- Generate xslt report
- Jenkins Continuous Integration tool
- Maven Build Management tool

Sections 21 to 26:-

- Logging Framework – log4j
- PageObject Pattern and PageFactory
- Data Driven Testing using Apache POI
- Database connection to Selenium Test cases
- Java OOPS Basics for Selenium
- Cucumber Behaviour Driven Data -Framework

Unique Thing About this Course

LAST BUT NOT THE LEAST,

OUR SUPPORT TEAM

IS ALWAYS THERE TO HELP YOU.

SELENIUM MULTIPLE CHOICE QUESTIONS
THAT WOULD BE ASKED IN INTERVIEWS