



Automation Testing (Selenium)...



Overview of Automation Concepts

- ☑ Description
- ☑ Definition
- ☑ Functionalities
- ☑ Regression Testing

- ☑ Control Structures
 - ☑ If Else Looping
- ☑ For Structure Looping
 - ☑ While Looping
- ☑ Do-While Looping
 - ☑ Object Creation
 - ☑ Methods Creation
- ☑ Arrays and Strings
 - ☑ Packages
- ☑ OOPs Concepts
 - ☑ Java Beans
 - ☑ Array List

Basic Java Sessions

Selenium IDE

- ☑ Setup
- ☑ Record / PlayBack
- ☑ Manual Editing
- ☑ Autoscript - using Commands

- ☑ Package API Usage
- ☑ Web Driver Commands
 - ☑ Operations
- ☑ Web Driver Scripting
 - ☑ Regression Testing
- ☑ Selenium Remote Control
 - ☑ Selenium Grid
 - ☑ Javascript Executor
- ☑ Implicit & Explicit Waits

Selenium WebDriver

Selenium Exceptions

Scenario Based Automation

- ☑ Validating Forms
- ☑ Validating Application Flow
- ☑ Logging Defects



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Test-NG Scripting

- ☑ Introduction
- ☑ Data Providers
- ☑ Setting Priority Level on Methods
- ☑ Enable & Disable Methods using Test NG

QTP, QC Tool Overview

- ☑ Introduction
- ☑ Where it is required?
 - ☑ Installation
 - ☑ Building Test Plans
- ☑ Executing Test Plans through HTTP Request
 - ☑ **Assertions**
 1. Response Assertion
 2. Duration Assertion
 3. Size Assertion
 4. HTML Assertion

Jmeter Performance Testing Tool

Advanced Automation (Adv. Selenium Programming)

SEO Testing of Website using Selenium Webdriver

- ☑ Testing Broken Links
- ☑ Valid Links
- ☑ Mapping with Anchor Tags etc

JAVA - Apache POI - Java Based Library for Excel Programming

JAVA - JDBC - Java Based Programming for Database Integration

- ☑ Introduction
- ☑ Excel Driven
- ☑ Data Driven

Automation Frameworks

Cross Browser Testing

- ☑ Overview
- ☑ o Using TestNG to Test Multiple Browsers in Same Program e.g. Mozilla FireFox, Chrome etc.



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Parallel Testing

Testing for Multiple Users on Multiple Forms in 1 Shot via Test NG

JAVA - MAVEN - Maven Project Build

Live Project