



## Selenium Testing

### Introduction

- WHAT IS SELENIUM TESTING?
- ABOUT VERSION OF SELENIUM
- SELENIUM SUITE
- Eclipse Installation

### Selenium WebDriver

- SELENIUM WEBDRIVER ARCHITECTURE
- WHAT IS WEBDRIVER?
- WEBDRIVER ENVIRONMENT SETUP
- ABOUT BROWSER DRIVER
- WHAT IS GECKO?
- WebDriver Object Instantiation
- HOW TO SET SYSTEM PROPERTIES?
- First Program

## ➤ WebDriver Methods

- get(appUrl);
- getTitle();
- getCurrentUrl():
- getPageSource():

## ➤ Browser Navigation Commands

- To:
- back() :
- forward():
- refresh() :

## ➤ Locators

- ID
- Name
- Class Name
- Xpath
- Linktext
- Partial Linktext
- Tag Name
- CSS Selector

## ➤ WEBELEMENT COMMANDS

- findElement()
- findElements()
- SendKeys
- click( )

## ➤ How to Handle Checkbox and Radio Button

- `getAttribute()`
- How to Handle Dropdown ?
  - Select Class
  - Dropdown method
    - `selectByIndex`
    - `selectByValue`
    - `selectByVisibleText`
    - `isMultiple()`
  - How to get options from a dropdown?
  - How to deselect a value from a dropdown?
- Bootstrap Dropdown
- How to Handle Tabs?
- How to Handle File?
- Clear Method
- Table
- Iframe
- How to Handle Dialog Box
  - Alert
  - Prompt
  - Confirm
- WebDriver With Class and Object
- POI

## TestNG

- What Is TestNG ?
- Features of TestNG
- TestNG Installation
- TestNG Annotations
- What is testngxml?
- TestNG Include and Exclude methods
- TestNG Groups
- TestNG Dependency
- TestNG Priorities
- parameterization using xml config file
- @DataProvider in TestNG
- Cross Browser Testing

## POM

- What Is POM?
- Advantages of using Page Object Model?
- POM design Pattern

## Cucumber

- What Is Cucumber?
- Why Cucumber?
- Gherkin Keyword

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## Hybrid Framework

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