



SELENIUM COURSE

Course Curriculum

Module 1: Introduction to Selenium

- Overview of Selenium
- History of Selenium
- Features of Selenium
- Downloading & Installing Selenium Web Driver

Module 2: Selenium Basics

- Browsers
- Languages
- Selenium Components
- Browser Launch

Module 3: Web Driver Methods

- Types of methods and where is used
- get()
- getTitle()
- getCurrentUrl()
- getPageSource()
- findElement()
- findElements()
- getWindowHandle()
- getWindowHandles()
- switchTo()
- manage()
- navigate()
- close()
- quit()

Module 4: Web Elements and Methods

- Locators :
 - 1) Web Element
 - 2) Minimize / maximize
 - 3) DOM Structure
 - 4) HTML --> Hyper Text Markup Language.

Course Curriculum

- Types of Locaters

X-Path:

- 1) Absolute x-path
- 2) Relative x-path
- 3) Dynamic x-path

Module 5: Relative x-path:

- 1) Syntax

Screenshot

- Jar file adding
- type casting :
- widening :
- convert small to big

Module 6: Drop Down

Syntax

Select methods

- 1) Select By Value
- 2) Select By Index
- 3) Select By Visible Text

Multiple dropdown :

- 1) Select By Value ()
- 2) Select By Index ()
- 3) Select By Visible Text ()
- 4) Deselect By Value()
- 5) Deselect By Index()
- 6) Deselect By VisibleText()
- 7) is Multiple()
- 8) Get Options()
- 9) Get All Selected Options()
- 10) Get First Selected Option() :
- 11) Deselect All ()

Course Curriculum

Module 7: Alert

Alert Types:

- 1) Simple alert
- 2) Confirm alert
- 3) Prompt alert

Module 8: JavaScript Executor

Module 9: Wait

Types of Wait

Uses of Wait

Module 10: Actions

Module 11: Window_Handling

Module 12: CSS Selector

Module 13: Dynamic Xpath