



SOFTWARE TESTING

SELENIUM WITH PYTHON



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About the Course The purpose of the Selenium with Python training program is to help quality specialists who are saddled with the responsibility of doing tasks that ought to be automated. Tasks such as searching a web page or assessing the quality of a product can be easily automated using the powerful Selenium in conjunction with the Python language.

Understanding Variable and Data Types

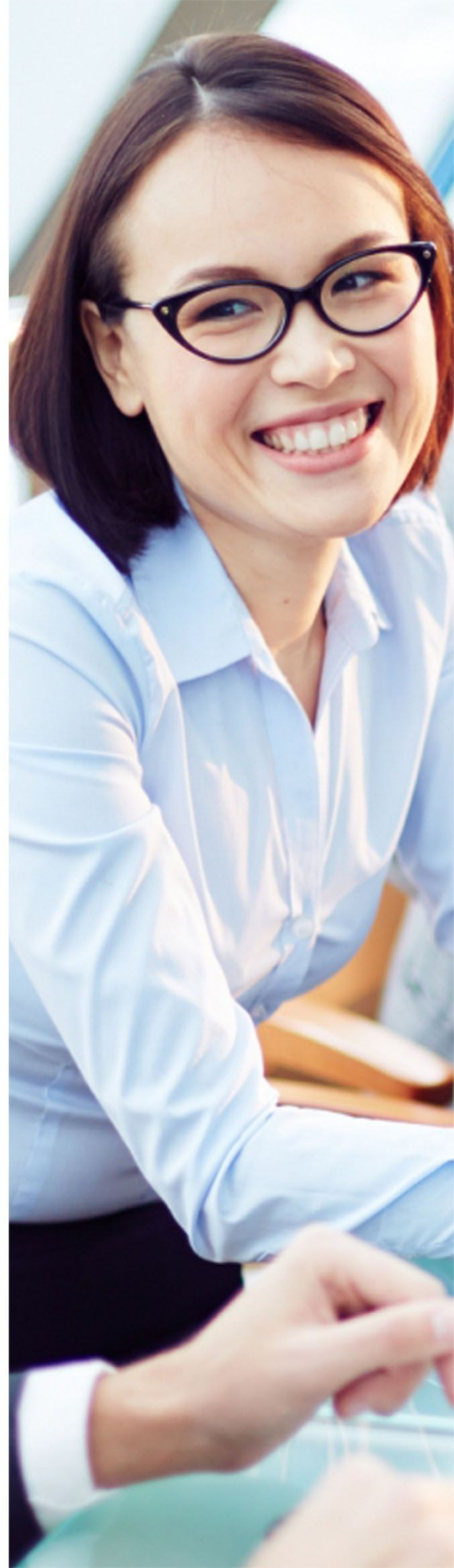
- python Terminal Walkthrough
- Understanding Objects and References
- Variables Rules
- Number Datatypes and Math Operation
- Number - Exponentiations and Modulo
- Arithmetic order of precedence
- Boolean Data Types
- Working with Strings
- String Method Part - 1
- More String Slicing and Indexing

Selenium WebDriver -> Setup and Installation

- Selenium WebDriver Installation - Windows
- Selenium 3.x Update
- Selenium WebDriver 3.x Gecko Driver Setup - Windows

Selenium WebDriver -> Running Tests on Various Browsers

- Running Tests on Firefox
- Running Tests on Google Chrome - Windows
- Requirements to Run Tests On IE
- Running Tests on Internet Explorer
- Requirements to Run Tests On Safari



CSS Selectors - Advanced Locators

- Using Ids With CSS Selectors To Find Elements
- How To Use Multiple CSS Classes To Find Elements
- Using Wildcards With CSS Selectors
- How To Find Child Nodes Using CSS Selectors

Xpath - Advanced Locators

- Difference Between Absolute And Relative Xpath
- How to Build An Effective Xpath
- Using Text To Build An Effective Xpath
- Build Xpath Using Contains Keyword
- Build Xpath Using Starts-With Keyword
- How To Find Parent and Sibling Nodes

Selenium WebDriver -> Working with Web Elements

- Browser Interactions Introduction
- Browser Interaction
- How To Click And Type On A Web Element
- How To Find The State Of A Web Element (Disabled And Enabled Elements)
- Radio Buttons And Checkboxes
- Working With Elements List

Selenium WebDriver -> Useful Methods and Properties

- How To Get The Text On Element
- How To Get Value Of Element Attribute
- Generic Method To Find Elements
- How To Check If Element Is Present
- How To Build Dynamic XPath

Selenium WebDriver -> Wait Types

- Implicit Wait Vs Explicit Wait
- Implicit Wait
- Explicit Wait

Testing Software



“Plan for Success...and for Everything”



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