

Selenium with Python

Introduction

- Introduction to Python
- Installing Python
- Keywords and Identifier
- Statements & Comments
- Python Variables
- Python Data Types
- Python Type Conversion
- Python I/O and Import

Operators in Python

- Arithmetic Operator
- Assignment Operator
- Comparison Operator
- Logical Operator
- Bitwise Operator
- Identity Operator
- Membership Operator

Python Flow Control

- Python if...else
- Python for Loop
- Python while Loop
- Python break and continue

Python Pass

Data Types in Python

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Functions

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Python Files

- Python File Operation
- Python Directory
- Python Exception
- Exception Handling

User-defined Exception

Python Object and Class

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Selenium : Introduction

- Introduction to Selenium WebDriver
- How to launch Browsers?
- Architecture of Webdriver
- Methods in WebDriver
- Create your first script using Webdriver

Browser and Navigation Commands

Web element commands, locators, checkboxes and radio buttons

Selenium waits, alert & switch Windows

- Expected Conditions with Waits
- Page Load Timeout & Set Script Timeout property
- Wait Until Conditions
- Handle Simple, Confirmation & Prompt Alert

Difference between Window Handle & Handles

Action Class

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PyTest Framework

- Introduction to PyTest Framework
- Installing PyTest
- PyTest Fixtures
- Running multiple tests using PyTest

PyUnit Framework

PyUnit Framework

Selenium WebDriver Automation Framework Structure

- What is Automation Framework
- Types of Automation Framework

Different Automation Framework with Examples

Page Object Model (POM)

- Introduction to Page Object Model

- Introduction to Object Repository
- Need for Page Object Model
- Page Factory

Implementing Page Object Model

Live Project

- Complete hands-on for one of the project assignment