

Selenium For Advance Learner

1. Basic Java: Core Java

- Core Java basics
- Class, Object & Methods (Theory)
- Creation of class, Object & methods
- Usage of class, object & methods
- Variables/Data Types/Modifiers/Conditional loops
- Basic Java Programming from Selenium perspective.

2. Automation Engineering

- Need of automation Engineering
- What can/cannot be automated
- Various types of Automation Engineering
- Various tools for automation
- Selenium Web Driver Vs. other tools

3. Selenium Web Driver: Basic

- Introduction to Selenium
- History and various versions of selenium
- Why Selenium Web Driver
- Who can learn automation using selenium

4. Automation setup for Selenium Web Driver

- Java IDE – Eclipse
- Selenium jar files
- Any other jar required
- Developer tools

5. Basic Selenium

- First program with Selenium
- What is a Driver
- Different methods of finding element
- Various types of operation that can be performed on any elements & how to use them.
- Capturing Screen shots
- Multiple Window Handling
- Pop Up Handling.
- Java Script injection
- Verifying statements
- Preparing basic Automation Scripts and running them
- Creating Re usable class and their implementation in creating Test Scripts
- Parameterizing Test Scripts using Excel
- Creating Test Suites

6. Selenium Web Driver: Advanced

- Advanced Selenium: Automation Framework
- Database Implementation
- Framework Development
- Object Repository preparation
- Reporting