



## Selenium Advance Level Course Content

### Phase 1: Java

1. Basic OOPS concept (Class, Object, polymorphism, inheritance, abstraction, Encapsulation, Packages)
2. Java Basic Structure
3. Data types in Java and types of access specifier
4. Abstraction (Interface and Abstract classes)
5. String Handling and Parameter passing
6. Creating a new project using Eclipse
7. Exception Handling and types.
8. Collection Objects for Selenium

### Phase 2: Selenium

1. HTML basic structure
2. Overview of Selenium(IDE, GRID, RC)
3. WebDriver and its types
4. WebDriver useful methods
5. Navigation methods
6. Understanding the locators (ID, Name, Tagname, Classname, Xpath, CSSSelector, LinkText, PartialLink text)
7. Methods for different objects in Selenium
8. Working with Text boxes, checkboxes, links and Dropdown lists in Selenium
9. Windows and frame handling
10. Handling Alerts in Selenium
11. AUTOIT for Selenium
12. Action Classes using Selenium
13. Robot classes
14. Data handling methods using(Apache POI, JXL, Properties file)

### Phase 3: Frameworks:

1. JUNIT Framework Basics
2. Complete TestNG Framework
3. Types of Frame work(Data driven, keyword driven, hybrid)
4. ANT, Maven, Log4j

We have three different packages. The course content differs according to package and expectation. Apart from this if you want any other topics we can add we can provide to you