



Dezlearn Certifications

Syllabus for

Dezlearn Certified

Selenium WebDriver with Java

Automation Tester

JAVA:

1. JDK, JRE and JVM
2. Java variables and data types
3. Operators and keywords
4. Control statements
5. Java OOPs concepts
6. Java object and class
7. Method
8. Constructor
9. Static keyword
10. This keyword
11. Java Polymorphism
 - a. Method overloading
 - b. Method overriding
 - c. Super keyword
 - d. Final keyword
 - e. Runtime polymorphism
 - f. Dynamic binding
 - g. Instance of operator
12. Java Abstraction
 - a. Abstract class
 - b. Interface
13. Java encapsulation
 - a. Package
 - b. Access modifiers
 - c. Encapsulation
14. Java array
15. Command line arguments

16. Object class and object cloning
17. Java String
18. Exception handling
19. Java I/O
20. Java Collection

SELENIUM:

1. WebDriver architecture
2. Locators
3. XPath Axes
4. Handling web elements collection
5. Verify element visible and enabled, exists, selected
6. Special Web elements
 - a. Select boxes
 - b. Multi select boxes
 - c. Date pickers
 - d. Web tables
 - e. Handling objects within Web-Table cells
7. Browser popups
8. iFrames
9. Mouse actions
10. JavaScript Alerts
11. Test synchronization
 - a. Implicit Wait
 - b. Explicit Wait
 - c. Fluent Wait