

# **JAVA SELENIUM**

## **TESTING BASIC**

**(70 – 75 Hrs)**



**For More Details Contact:**

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## **\*Core Java\* (20 Hrs)**

- 1 Basic Program**
- 2 Same & Different Package**
- 3 Scanner**
- 4 Data Types**
- 5 Inheritance**
- 6 Polymorphism**
- 7 Abstraction**
- 8 Conditional Statement**
- 9 Looping Statement**
- 10 String methods**
- 11 String Types**
- 12 Array**
- 13 Collections List**
- 14 Set**
- 15 Map**
- 16 Constructor**
- 17 Exception**
- 18 Exception Handling**
- 19 Types of Variables**
- 20 Access Specifier / Modifier**
- 21 Encapsulation**

## **\*Selenium\* (13 Hrs)**

- |   |                     |    |                 |
|---|---------------------|----|-----------------|
| 1 | Selenium Intro      | 9  | Alert           |
| 2 | Locators            | 10 | JavaScript      |
| 3 | Xpath               | 11 | Screenshot      |
| 4 | Text Contains       | 12 | Dropdown        |
| 5 | Navigation          | 13 | Frames          |
| 6 | Debug               | 14 | Window Handling |
| 7 | Actions Class, Keys |    |                 |
| 8 | Robot Class         |    |                 |

## **\*Framework\* (12 Hrs)**

- |    |                              |     |                   |
|----|------------------------------|-----|-------------------|
| 1  | Maven Installation           | 11. | Cucumber intro    |
| 2  | Excel Read                   | 12. | Cucumber Scenario |
| 3  | Excel Read Cont.             | 13. | Scenario outline  |
| 4  | Junit Annotations            | 14. | Cucumber Option   |
| 5  | POM Design Pattern           |     |                   |
| 6  | POM Annotations              |     |                   |
| 7  | TestNG Intro                 |     |                   |
| 8  | TestNG Priority & invocation |     |                   |
| 9  | TestNG Suite                 |     |                   |
| 10 | TestNG Groups                |     |                   |

## **\*Manual Testing\* (7 Hrs)**

- |   |                     |   |                   |
|---|---------------------|---|-------------------|
| 1 | Manual intro & SDLC | 6 | Types of testing  |
| 2 | Levels of testing   | 7 | Defect management |
| 3 | STLC                | 8 | JIRA              |
| 4 | Testing techniques  | 9 | Agile Methodology |
| 5 | Test case design    |   |                   |

## **\*SQL\* (5 Hrs)**

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|---|-------------------------------|---|-----------------|
| 1 | SQL intro                     | 4 | Table creation  |
| 2 | Relational operator           | 5 | JDBC connection |
| 3 | Group by, analytical function |   |                 |

## **\*Programming class\* (3 Hrs)**

- 1 String based, String Reverse
- 2 Palindrome, duplicate
- 3 String Occurrence
- 4 Odd and Even, Number reverse
- 5 Third variable, Fibonacci series
- 6 Pattern, Factorial

**Other Topics, Preparation, and Mock (10 Hrs). Total – (70 to 75 Hrs)**