

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)**

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|----------|----------------------------|-----------|------------------------|
| 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)**

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|-----------|---|------------|--------------------------|
| 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)**

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|----------|--------------------------------|----------|--------------------------|
| 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)