

| Online Selenium WebDriver, Automation Frameworks, TestNG, Maven, BDD, Cucumber and Basic & Advanced Java Training Session - June 2022 Evening Batch | | |
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| Total Hours | 26 Hours (2 Hours Each Session) | |
| Timing | 7 to 9 PM IST (UTC+5.30) | |
| Duration | 2 Months (Weekends only) | |
| Start Date | 11 June 2022, 7 PM IST | |
| Email | haradhan.pal@gmail.com | |
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| Session | Mid June - Mid August 2022 (13 Sessions) Batch | |
| Bonus: Training PPTs (~300), 600+ Interview Question and Answers, Lifetime Access to Training Videos, Sample Codes, Job Preparation Guides, Recorded Videos for Page Object Model, GIT and GitHub | | |
| Mode | GoogleMeet | |
| SL # | Area | Topics |
| 1 | General | Training Objective & Benefits |
| 2 | Selenium WebDriver | Introduction to Software Testing |
| 3 | | Introduction to Automation Testing |
| 4 | | Introduction to Selenium WebDriver |
| 5 | | Eclipse and WebDriver Environment Setup |
| 6 | | Create first Test Case using Selenium WebDriver (Chrome and Gecko Driver) |
| 7 | | Web Elements and Element Locators |
| 8 | | Operations on Web Page |
| 9 | | Operations on Browser |
| 10 | | Operations on WebEdit Box |
| 11 | | Operations on Link |
| 12 | | Operations on Images |
| 13 | | Operations on Check Box |
| 14 | | Operations on Radio Button |
| 15 | | Operations on Dropdown box |
| 16 | | Complete study of Dynamic Xpath |
| 17 | | Complete study of CSS |
| 18 | | Scroll Down and Scroll Up |
| 19 | | Handling Frames |
| 20 | | Capture Screenshots |
| 21 | | Implicit and Explicit Wait |
| 22 | | Headless Browser Testing |
| 23 | | Handle Cookies |
| 24 | | ByAll Locator |
| 25 | | How to select an option from auto suggest dropdown |
| 26 | Java | Java Introduction |
| 27 | | Comments in Java |
| 28 | | Data Types |
| 29 | | Variables |
| 30 | | Objects and Classes |
| 31 | | Operators |

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| 32 | | Java Strings |
| 33 | | Array |
| 34 | | For loop |
| 35 | | While loop |
| 36 | | Do While loop |
| 37 | | Break Statement |
| 38 | | Continue Statement |
| 39 | | If Statement |
| 40 | | If-else Statement |
| 41 | | Switch Statement |
| 42 | | Methods |
| 43 | | Wrapper Class |
| 44 | | Date and Calendar function |
| 45 | | Constructor |
| 46 | | Try Catch in Java: Exception Handling |
| 47 | | Inheritance |
| 48 | | Method Overloading |
| 49 | | Method Overriding |
| 50 | | super keyword |
| 51 | | Abstraction/Abstract Class |
| 52 | | Interface |
| 53 | | static keyword |
| 54 | | final keyword |
| 55 | | finally keyword |
| 56 | | Java Input/Output |
| 57 | | Java Collection Framework |
| 58 | | Array List |
| 59 | | Linked List |
| 60 | | Hash Set |
| 61 | | Tree Set |
| 62 | | HashMap |
| 63 | | Java Multi-Threading |
| 64 | TestNG | TestNG Overview and Step by Step Installation Guide |
| 65 | | TestNG Annotations |
| 66 | | Enable and Disable Test |
| 67 | | Test Case Priority and Sequential Execution |
| 68 | | Hard and Soft Assertions in TestNG |
| 69 | | dependsOnMethods and alwaysRun attributes |
| 70 | | invocationCount, invocationTimeOut and skipFailedInvocations attributes |
| 71 | | Run Multiple Test Suites in TestNG |
| 72 | | How to Include and Exclude Groups during Execution in TestNG |
| 73 | | TestNG Parameterization |
| 74 | | How to Execute only Failed Test Case without Listeners |
| 75 | | DataProvider in TestNG |

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| 76 | | Listeners in TestNG |
| 77 | | How to Execute Failed Test Cases in TestNG with IRetryAnalyzer |
| 78 | | Parallel Test Execution in Selenium WebDriver using TestNG |
| 79 | Automation Framework | Automation Framework Concepts |
| 80 | | Automation Testing Process |
| 81 | | Java OOPS to build Automation Framework |
| 82 | | Top Ten Test Automation Frameworks |
| 83 | | Data Driven Framework in Selenium |
| 84 | | Reading the Data from Excel Sheet |
| 85 | | Writing the Data into Excel Sheet |
| 86 | | Keyword Driven Framework in Selenium |
| 87 | | Hybrid Framework in Selenium |
| 88 | | Apache POI |
| 89 | BDD and Cucumber | Introduction to TDD and BDD |
| 90 | | Cucumber Introduction |
| 91 | | Advantages of Cucumber Over Other Tools |
| 92 | | Prerequisite required for using Cucumber with Selenium |
| 93 | | Developing one simple Cucumber Framework from Scratch |
| 94 | | Add Code inside Step Definitions Class |
| 95 | | Create Multiple Scenarios |
| 96 | | Implements undefined Steps |
| 97 | | Add Background |
| 98 | | Create Multiple Feature Files |
| 99 | | Create Multiple Scenarios |
| 100 | | Scenario Outline |
| 101 | | Adding Examples |
| 102 | | Cucumber Tags |
| 103 | | Execute Scenarios with Tags |
| 104 | | Exclude Scenarios with Tags |
| 105 | | OR & AND Tags in Cucumber |
| 106 | | Cucumber Hooks |
| 107 | | Tagged Hooks In Cucumber |
| 108 | | Setting Order or Priority of Cucumber Hooks |
| 109 | | Cucumber Report |
| 110 | | HTML Report |
| 111 | | JSON Report |
| 112 | | XML Report |
| 113 | | Extent Report |
| 114 | | Steps to Generate Extent Report using Cucumber |
| 115 | | Maintain Backup of All Generated Extent Reports |