

AUTOMATION - SCHEDULE



Test Automation Schedule

Week 1 - 4 - Java

- Day 1 : Software tools Setup
- Day 2 : Basics of Programming (Data types, variables, arrays, operators)
- Day 3 : Control Flow Statements
- Day 4 : General Test
- Day 5,6 : OOPs Part 1 - Classes, Methods, Constructors, Inheritance
- Day 7,8,9 : OOPs Part 2 - Composition, Encapsulation, and Polymorphism
- Day 10,11 : Abstract classes and Interfaces
- Day 12 : General Test
- Day 13 : Naming conventions and Packages
- Day 14,15 : Java Collections
- Day 16 : General Test
- Day 17 : Basic Input and Output including java.util
- Day 18 : Java 8 features – Lambda expressions, streams, functional interfaces
- Day 19 : Regular Expressions
- Day 20 : General Test
- Day 21,22 : Design Patterns in Java - Singleton, Factory, Builder
- Day 23,24 : Basics of data structures and Algorithm
- Day 25 : General Test

Week 4 – Week 6 - Selenium

- Day 1 : Introduction to Automation Testing and Selenium
- Day 2 : Selenium and Selenium WebDriver
- Day 3 : IDE Setup and First Selenium Test Case
- Day 4 : Selenium WebDriver- Commands
- Day 5 : Selenium WebDriver- Locating Strategies
- Day 6 : Selenium WebDriver- Handling drop-downs
- Day 7 : Handling Radio buttons and Checkbox
- Day 8 : General Test
- Day 9 : Selenium WebDriver - WebElement and Navigation Commands
- Day 10,11 : Selenium WebDriver- Handling Alerts, windows, frames
- Day 12 : General Test
- Day 13 : Actions in Selenium WebDriver
- Day 14,15 : Day Synchronization in Selenium
- Day 16 : JavaScriptExecutor in Selenium
- Day 17 : Take a Screenshot in Selenium

Week 6 – Week 8 - Selenium

- Day 1 : General Test
- Day 2,3,4,5 : Project
- Day 6,7 : Maven
- Day 8,9 : TestNG
- Day 10,11 : Page Object Model
- Day 12,13 : Git Hub (Commit project on GitHub repository)
- Day 14 : General Test
- Day 15 : General Interview practice