



# Automation Testing with Selenium

Build your career as a Manual/Automation Test Engineer. Our industry-relevant curriculum ensures you become an expert in identifying, tracking and reporting defects. Create a portfolio of projects that showcase your abilities and skills in software testing and add power to your resume.

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# Java Fundamentals

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In this course, you will learn the fundamental concepts of Java programming. On completing this course, you will be able to write high-quality and reusable code in Java.

# Introduction to Java

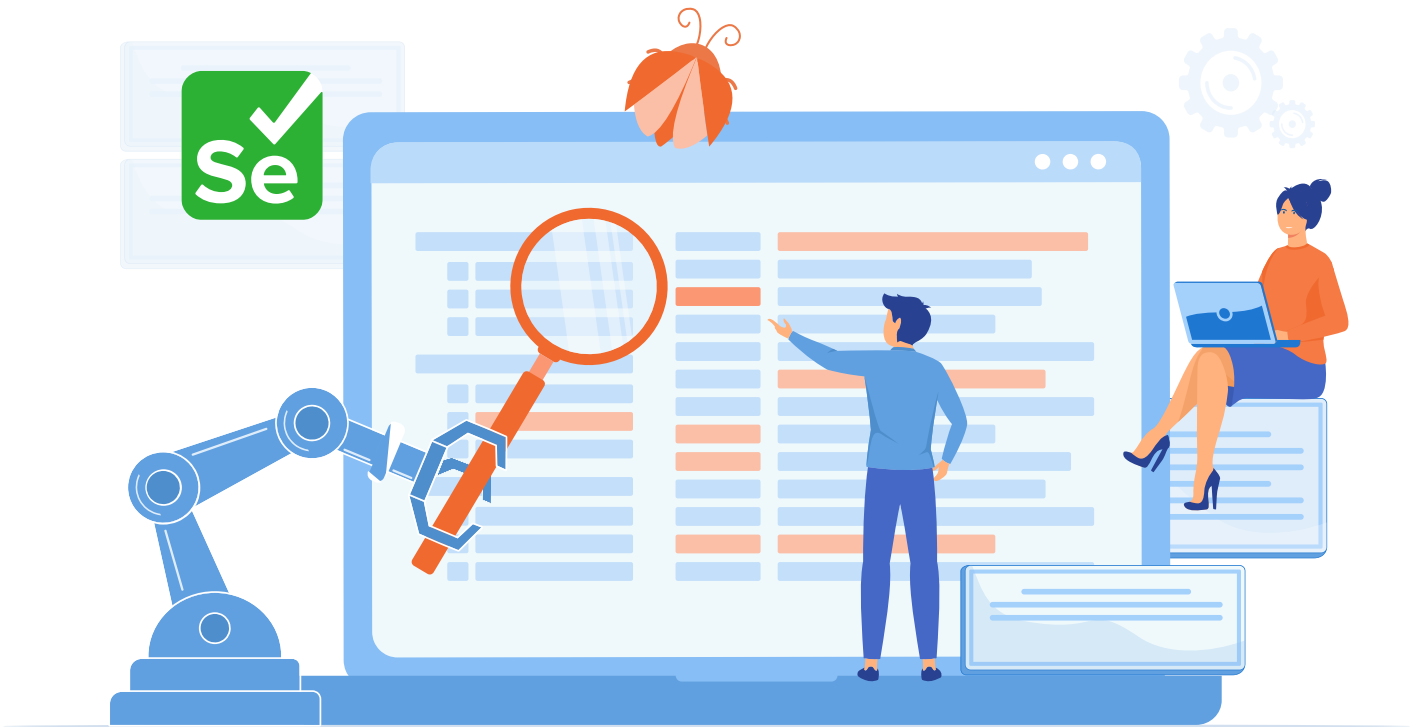
## Java Fundamentals

- Data Types, Variables & Operators
- Reading Input & Formatting Output
- Conditions & Loops
- Arrays
- Java Collections
- OOPs



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# Automation Testing with Selenium

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This course teaches how to use Selenium WebDriver for automation testing of web applications. Students will gain practical skills to design and execute automated test scripts.

## Software Testing Overview

- Introduction to Software Testing
- What is manual Testing
- What is automation Testing
- Software Development Life Cycle (SDLC)
- Software Testing Life Cycle (STLC)

## TestNG

- How to Install TestNG Plugin IntelliJ IDEA
- Configuring Test Suites
- Various Annotations
- Assertions
- Passing Parameters to Tests
- Parallel Testing
- Reports Using TestNG

## BDD/Cucumber Framework

- Introduction to BDD
- Cucumber BDD Basics
- Cucumber Options
- Integrating Selenium WebDriver with Cucumber

## Selenium WebDriver

- Introduction to selenium
- Browser handling
- Locating elements
- Handling WebElements
- Synchronization
- Handling Windows
- Alerts and Frames
- Actions
- JavaScript Executor

# Contact us

 [support@nxtwave.tech](mailto:support@nxtwave.tech)

 [ccbp.in/intensive](https://ccbp.in/intensive)

 **+91 93901 11761**

(WhatsApp only)