



Automation Testing Training Course

CURRICULUM

Module I – Eclipse IDE

- Eclipse IDE Overview
- Eclipse IDE Installation
- Eclipse IDE Windows
- Eclipse IDE Views
- Workspaces
- Project Setup
- Packages
- Classes
- Build Project
- Plugins

Module II – Java Programming

- Java Programming Fundamentals
- Variables and Datatypes
- Conditional Statements
- Looping Statements
- Collections & Arrays
- Exception Handling
- Methods
- Object Oriented Programming
- Classes & Objects
- Constructors

Module III – HTML + CSS Fundamentals

- Introduction to HTML
- HTML Page Structure
- HTML Tags
- Cascading Style Sheet (CSS)
- CSS Selectors
- HTML Div Tag
- HTML Navigation Tags
- HTML Form
- HTML Input Tags
- Responsive Web Design

Module IV – Selenium IDE

- Selenium IDE Fundamentals
- Selenium IDE Installations
- Selenium IDE Panels
- Test Suite & Test
- Recording & Playing Test
- Debugging Test
- Locating Strategies
- Assertions Commands
- Accessors Commands
- Actions Commands

Module V – Selenium WebDriver

- Selenium WebDriver Fundamentals
- WebDriver Installations in Java
- Browser Commands
- Navigation Commands
- Locating Web Elements
- Drop Down Selections
- Check Box & Radio Button Selections
- Exception Handling
- Switching Windows
- Waits

Module VI – TestNG Framework

- TestNG Basics
- Running Test Cases
- TestNG XML File
- Exclude/Include Test Cases
- Running Test Cases with Regex
- TestNG Groups
- TestNG Annotations
- Annotation Attributes
- TestNG Parameters
- TestNG Listeners

Module VII – BDD Cucumber

- Cucumber Introduction
- Test Driven Development (TDD)
- Behavior Driven Development
- Gherkin Language
- Cucumber Set Up in Eclipse
- Feature File
- Step Definition
- Runner Class
- Page Object Model
- Data Driven Testing

Module VIII – API Testing with Postman

- Introduction to API Testing
- Postman Configuration
- Postman Collections
- HTTP Request and Methods
- Request Parameters
- Request Authorization
- Postman Asserts
- Variables in Postman
- Collection Monitors
- Collaboration

Module IX – GitHub

- Introduction to Github
- Github Migrations
- Github Account Settings
- Github Authentication
- Github Code Spaces
- Github Issues
- Github Actions
- Github Packages
- Github Pages
- Code Security

Thank You!

Thank you for downloading our curriculum!

We're excited to be part of your learning journey. Feel free to reach out if you need more information.

Contact Us



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