

Course: Automation testing

Duration: 2 Days

Prerequisites:

1. Basic knowledge of java
2. Install IntelliJ - <https://www.jetbrains.com/idea/download/#section=mac>
3. Install Java JDK and JRE
4. Install npm - <https://www.npmjs.com/get-npm>

Day - 1 (JUnit, Mockito, Cucumber, Selenide)

2 Hours: JUnit

- Importance of writing Unit Tests
- Why JUnit?
- Installation and using JUnit with Java
- JUnit code constructs

2 Hours: Mockito

- What is and why Mockito?
- Setting up SUT (System under test)
- Stubbing examples
- Your first Mockito code

2 Hours: Mockito annotations

- 2 Hours: Cucumber
- What is BDD?
- What is Gherkin?
- Example of Cucumber JUnit

2 Hours: Selenide

- What is selenide
- Automate test cases using selenide

Day - 2 (Jest, Enzyme, Smoke Tests, Integration Tests, Automation Tests)

2 Hours: Jest

- Setting up Jest
- How to test javascript code?
- Working example of Jest

2 Hours: Enzyme

- Setting up enzyme
- Working example of enzyme

4 Hours: Smoke Tests, Integration Tests, Automation Tests

- What is smoke, integration and automated testing?
- Create smoke tests
- Create integrated tests
- Created automated tests