

# Mockito Training

## *COURSE CONTENT*

### GET IN TOUCH



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## About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

## About Course

Mockito Training by Multisoft Systems is designed to equip developers with the skills needed to effectively use Mockito, a popular mocking framework for unit tests in Java applications. This comprehensive course focuses on teaching participants how to leverage Mockito to simulate complex dependencies, allowing for the isolation of system components to ensure accurate and efficient testing.

## Module 1: Introduction to Mockito

- ✓ What is Mocking?
- ✓ Mockito
- ✓ Benefits of Mockito
- ✓ Steps to Install Mockito
- ✓ Create an Application

## Module 2: Mockito Methods

- ✓ mock()
- ✓ when()
- ✓ verify()
- ✓ spy()
- ✓ reset()
- ✓ verifyNoMoreInteractions()
- ✓ verifyZeroInteractions()
- ✓ doThrow()
- ✓ doCallRealMethod()
- ✓ doAnswer()
- ✓ doNothing()
- ✓ inOrder()
- ✓ times()
- ✓ never()
- ✓ calls()

## Module 3: Argument Matchers

- ✓ Introduction
- ✓ Methods
- ✓ Throwing an Exception Using Argument Matcher
- ✓ ArgumentCaptor

## Module 4: Mockito BDD

- ✓ Behaviour-Driven Development (BDD)
- ✓ Methods of the BDDMockito Class
- ✓ BDD Style Test

## Module 5: Hamcrest Matchers

- ✓ What is Hamcrest?
- ✓ Methods of the Matchers
- ✓ Create a Basic Hamcrest

## Module 6: Mockito Annotations

- ✓ @Mock
- ✓ @RunWith
- ✓ @InjectMocks
- ✓ @Captor
- ✓ @Spy

## Module 7: JUnit Integration

- ✓ Steps to Integrate JUnit and Mockito
- ✓ JUnit Rules

## Module 8: Create Mock

- ✓ Syntax
- ✓ Steps to Create Mock
- ✓ PowerMock
- ✓ Mockito Vs EasyMock
- ✓ Mock Vs Stub Vs Spy
- ✓ Reset Mock

## Module 9: Spying Abstract Classes

- ✓ Abstract Classes
- ✓ Maven Dependencies
- ✓ Spying Syntax