

JSE Certification Levels

Oracle Certification Program Categories

- Oracle Certified Associate
- Oracle Certified Professional
- Oracle Certified Master
- Oracle Certified Expert Program
- Oracle Certified Specialist

Java SE - Certification Path

- **Oracle Certified Associate, Java SE 7 Programmer**
- **Oracle Certified Associate, Java SE 8 Programmer**
- Oracle Certified Professional, Java SE 5 Programmer
- Oracle Certified Professional, Java SE 6 Programmer
- Oracle Certified Professional, Java SE 7 Programmer
- Oracle Certified Professional, Java SE 8 Programmer
- **Oracle Certified Master, Java SE 6 Developer**

JAVA SE Certification

Associate	Oracle Certified Associate, Java SE 5/SE 6	Oracle Certified Associate, Java SE 7 Programmer	Oracle Certified Associate, Java SE 8 Programmer
Professional	Oracle Certified Professional, Java SE 7 Programmer	Oracle Certified Professional, Java SE 5 Programmer	Oracle Certified Professional, Java SE 6 Programmer
Master	Oracle Certified Master, Java SE 6 Developer		



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About Us

Mazenet is widely recognized as a provider of state of art, IT training services to business enterprises, institutions and individuals. Mazenet has immensely contributed to the success of its customers, through high value skill development in the ever changing technology domain.

Training with Us

All industrial specifications are tuned to hands-on skill deployment and performance of individuals. The vision of Mazenet is to make the individual acquire skills in the arena which they choose to excel. By providing excellent guidance through certified technicians and well equipped lab facilities, we're behind you from the start with education, training and the resources you need to help you to reach your certification goals.

KEY TOPICS

Getting Started with Java

- › Features of java technology
- › JVM & JRE functions
- › Java Keywords & Identifiers
- › Java Primitive Data Types
- › Operators & Control Statements
- › Garbage Collections

Object - Oriented Programming

- › Basic OOp's Concept
- › Modeling Concepts : Abstraction
- › Encapsulation & Packages
- › Classes, attributes & Methods
- › Object & Constructors
- › Arrays

Class Design

- › Inheritance, Polymorphism
- › Method Overloading
- › Constructor Overloading
- › Use of super & this keyword
- › Method Overriding

Advanced Features

- › Static variables, methods
- › Final Classes, methods & variables
- › Abstract Classes, methods
- › Inner Classes : Static & Non - Static
- › Implements & Extends
- › Interfaces
- › Date and Calendar classes
- › Concurrency Collections
- › Comparator and Comparable

Exception Handling

- › Try, Catch & Finally statement
- › throw & throws keyword
- › Common Exceptions
- › User - Defined Exceptions

Java Collection Framework

- › Collection Overview
- › Collection Classes & Interfaces
- › Working with maps & Interfaces
- › Collection Algorithms
- › Legacy Classes & Interfaces

Threads

- › Thread methods & Scheduling
- › Life Cycle of Thread
- › Thread Prioritier
- › Inter - Thread Communication
- › Synchronization

Advance I/O Streams

- › Features of Java.io Package
- › Java Stream & Character Stream
- › Serialization

Java JDBC

- › JDBC API, JDBC Drivers
- › Executing Queries, Metadata
- › Accessing Resultsets
- › Prepared Statements and Stored Procedures
- › Batch Updates, Scrollable Resultset

Duration: 60hrs

Building Java GUI's

- › Applet Programming
- › Event Classes & Event Handling
- › AWT Packages & Components
- › Containers & Layout Managers
- › Frame & Panel Containers
- › GUI - Based Applications
- › Color & Font Components
- › Features of JSwing Programming
- › Swing Component Classes

Updates of 1.7 to 1.8

- › Support for lambda expressions
- › Annotation on Java Types
- › Date and Time API
- › Java JDBC
- › Threads
- › Packages
- › Advance I/O Streams
- › Class Design
- › Java Collection Framework
- › Exception Handling

Introduction To Android

- › Android Introduction and Versions
- › Android Architecture
- › Life cycle
- › DPI, LDPI, MDPI, HDPI, XDPI, XXDPI
- › Layouts Overview
- › Software Download And Installations
- › App creation in Android