



Java Overview Training with DK8 Features

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- Certified in Oracle, VMware, RedHat, Sun, and more.
 - Experts in cloud computing, data lifecycle management, legacy modernization, and IT investment management.
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SPJ Solutions's course, "Java Overview Training with JDK8 Features" covers the Java Runtime Environment and the new programming features offered in JDK8. The course combines classroom lectures with hands-on lab exercises. Each lab is customized to meet your specific needs, leading to higher learning retention.

The course is suitable for both beginners as well as intermediate programmers with some Java (or equivalent) programming experience. The course covers the most important features of JDK8 that a Java programmer would typically use.

SPJ also offers 3-5 day courses for students that who desire in-depth training on specific topics, including Lambda programming, Web Programming, Java EE, Spring Framework, Web Services Programming, Hibernate Programming, JavaScript and JQuery, and Advanced Java Programming.

Course Duration: 1 Day

Module 1: Java Runtime Environment Overview

This module covers the Java Virtual Machine (JVM) and its various components. Students will also learn Java Memory Management and the various types of memories that a JVM manages. We will also cover the techniques for resolving common memory problems, including "OutOfMemoryException". Students will also learn the Garbage Collection process.

Module 2: Introduction to Object Oriented Programming

This module covers the basics of object oriented programming, including Encapsulation, Abstraction, Polymorphism and Inheritance. This module serves as new learning for beginners and as a refreshers for more experienced developers.

Module 3: Arrays and Containers

This module teaches students how to implement Java Arrays and Containers. Students will receive practical uses for Java Containers in their work environments. Students will also learn to use the new JDK8 container feature, including bulk operations like filter, collect, and sort.

Module 4: Lambda Expressions

In this module, students will learn the concepts of Lambda Expressions and their usage. This feature is one of the most important improvement to JDK8 programming and is designed to improve developer productivity as well as application quality.

For More Information

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Expected Course Outcomes

This course will provide your application developers the skills needed to maintain existing java applications, upgrade java applications to newer frameworks, and to evaluate java for new projects. It will also help your programmers identify any additional java training needs.