
Introduction to Object-Oriented Programming with Java Examples

Duration: 3 Days **Course Code: WD150G**

Overview:

In this 5-day instructor-led course, learn how to develop applications using the Java Platform, Standard Edition (Java SE) 6 programming language.

This course introduces you to the Java language and programming techniques using lectures, demonstrations, and extensive labs. It covers object-oriented programming, Java syntax, and important Java classes and interfaces such as collections, exceptions, threads, I/O, and other utility classes.

Hands-on lab exercises throughout the course allows you to gain hands-on experience with Java programming, covering skills such as building classes, debugging Java code, refactoring, and creating and running test cases. You have the choice of performing the lab exercises using either Eclipse V3.6 or IBM Rational Application Developer V8.0.

For information about other related WebSphere courses, visit the WebSphere Education Training Paths website:
<http://www.ibm.com/software/websphere/education/paths/>

Target Audience:

This basic course is for those with little or no Java programming experience. However, some programming experience and some familiarity with object-oriented programming is helpful.

Objectives:

- Describe the fundamentals of object-oriented programming
 - I/O classes
 -
 -
 - Use Java syntax to develop applications in Java
 - Threads
 -
 - Use inheritance and interfaces in Java applications
 - Exceptions
 -
 - Refactor Java code
 - Use generic types in Java classes
 -
 - Describe and use some of the important API classes and interfaces available in Java, including:
 - Develop components (beans) using the JavaBeans API
 -
 - Primitive wrapper classes
 - Use the Java features in Eclipse V3.6 or Rational Application Developer V8
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 - Classes in the Collections Framework
 -
 -
 - Utility classes
 -
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 - Perform unit testing of Java applications using Junit
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Prerequisites:

You should be familiar with object-oriented (OO) programming, or

successfully complete course Introduction to Object-Oriented Programming with Java Examples (WD150) or Introduction to Object-Oriented Programming with Java Examples (Remote Classroom) (VD150GB).

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Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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