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## Oracle 10g: Java Programming (D17249GC10)

**Duration: 5 Days**    **Course Code: O10GJP**

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### Overview:

This course teaches the concepts and essential elements of the Java language. While learning Java, you will build applications using standard Java technologies. The development environment used for this course is Oracle JDeveloper 10g. In addition to coding in Java, you will learn how to use the graphical development capabilities of JDeveloper to aid application development.

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### Target Audience:

Java Developer J2EE Developer

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### Objectives:

- Write standalone applications with the Java programming language
  - Access database records using JDBC
  - Build, generate, and test application components using Oracle JDeveloper 10g
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### Prerequisites:

- Experience using a structured 3GL, such as C or Pascal
  - Basic knowledge of Object Oriented principles
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### Content:

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|--|---|---|
| ■ Introducing the Java and Oracle Platforms    | ■ Creating Classes and Objects                                | ■ Throwing and Catching Exceptions                    |
| ■ Defining Object Oriented Principles          | ■ Class Loading, Object Life Cycle and Inner Classes          | ■ User Interface Design: Planning a Form Layout       |
| ■ Basic Java Syntax and Coding Conventions     | ■ Using Strings, StringBuffer, Wrapper and formatting Classes | ■ Adding User Interface Components and Event Handling |
| ■ Exploring Primitive Data Types and Operators | ■ Reusing Code with Inheritance and Polymorphism              | ■ Accessing the Database with JDBC                    |
| ■ Controlling Program Flow                     | ■ Using Arrays and Collections                                | ■ Deploying Applications Using Java Web Start         |
| ■ Building Java Using Oracle JDeveloper        | ■ Structuring Code Using Abstract Classes and Interfaces      | ■ Suggested Next Courses                              |
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### Further Information:

For More information, or to book your course, please call us on +254 713 027 191

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