JAVA Programming Introduction

Duration: 4 Days   Course Code: GK0391

Overview:

Reliability, maintainability, and ease of development is what Java is known for, and its unique architecture enables programmers to develop a single application that can seamlessly run across multiple platforms. In this training course, you gain extensive hands-on experience writing, compiling, and executing Java programs, and building robust applications that use Java's object-oriented features.

Target Audience:

This course is intended for those familiar with web technologies and object concepts.

Objectives:

- Design and build robust, object-oriented applications.
- Organize complex data using Java collections.

- Access any relational database using JDBC.
- Read/write files and handle exceptions.

Prerequisites:

Three to six months of experience in a high-level programming language, such as C, Pascal, or Visual Basic

You should know how to:

- Structure data
- Use variables, flow-control statements, and subroutines
- Write, compile, and execute a program

Content:

Java Programming Introduction

- Chapter 1: Introduction to Java Programming
- Chapter 2: Object-Oriented Programming
- Chapter 3: Structure of the Java Language
- Chapter 4: Classes and Interfaces
- Chapter 5: Java Events and Listeners With GUI Examples
- Chapter 6: Input and Output
- Chapter 7: Java Database Connectivity
- Chapter 8: Advanced Tools and APIs
- Chapter 9: Course Summary

Additional Information:

This course is about 50% hands-on lab and 50% lecture with extensive programming exercises designed to reinforce core development skills, concepts, and best practices learned in the lessons. Our courses include sample materials and labs to ensure all students are either appropriately challenged, or assisted, at all times-no matter their skill level.

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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