CREDO SYSTEMZ
Simplifying IT

JAVA 8 TRAINING

Chapter 1: Introduction to Java

- Overview of java
- Introduction to JVM
- Java professional's roles and responsibilities
- Java benefits and features

Chapter 2: Environment setup

- Installation and setup
- Source file structure
- Execution & Compilation

Chapter 3: Basics of Core Java

- Fundamentals of Data types
- What are tokens?
- Keyword, Assignment
- Operators, loops,
- Comments and literals

Chapter 4: Java Fundamentals

- Oops Concepts
- Exception handling
- Example program with array and string
- Collections and thread concepts

Chapter 5: Introduction to Java 8

- Comparison with previous versions
- Understanding New Features of Java 8
- Advantages & disadvantages of Java 8

Chapter 6: Lambda Expression

- What is lambda expression?
- What is interface?

- ➢ Lambda expression Syntax practice
- ➢ Lambda vs. Interface
- ➢ Types of Parameter
- ➢ Statement and comparator

Chapter 7: Java Stream

- ➢ What is java Stream?
- ➢ Understanding of Stream filters
- ➢ Stream operation
- ➢ Concepts of Stream API

Chapter 8: Functional Interface

- ➢ What is functional interface?
- ➢ Features of functional interface
- ➢ Creating functional interface
- ➢ Creating Vs. built in functional interface

Chapter 9: Concurrency Programming in Java 8

- ➢ A guide to concurrency enhancement
- ➢ Introduction to thread and thread pools
- ➢ Runnable command
- ➢ Executors service
- ➢ Overview of Java Phaser

Chapter 10: Advanced Topics

- ➢ Parsing Java 8 date and time API
- ➢ Understanding terminal operation
- ➢ Data Search
- ➢ Nashorn JavaScript

Contact Info

+91 9884412301 | +91 9884312236

Know more about JAVA 8

info@credosystemz.com

New # 30, Old # 16A, Third Main Road, Rajalakshmi Nagar, Velachery, Chennai (Opp. to MuruganKalyanaMandapam)

BOOK A FREE DEMO