



CODE Islamabad

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Java SE

Course Description:

This course covers extensively the basic java programming and object-oriented techniques. It introduces students to Object-oriented programming concepts, teaches them the fundamentals of the Java language, Data Structures, Algorithms Basics and introduces them to desktop application development using Java Swing. Enable Individuals on core java development.

Pre-requisite:

- Knowledge of Basic Programming

Course Duration:

- 1 months

Course Outline:

- Introduction to JAVA SE
- Configurations
- SDLC and Project
- Fundamentals of Programming
- Object Oriented Programming
- Inheritance and Polymorphism
- Database Design
- Database Development
- SQL
- Database Integration with Java
- Socket Programming
- Software Engineering
- Quality Assurance
- Software Optimization and Presentation Skills