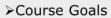


### Course Goals and Non Goals



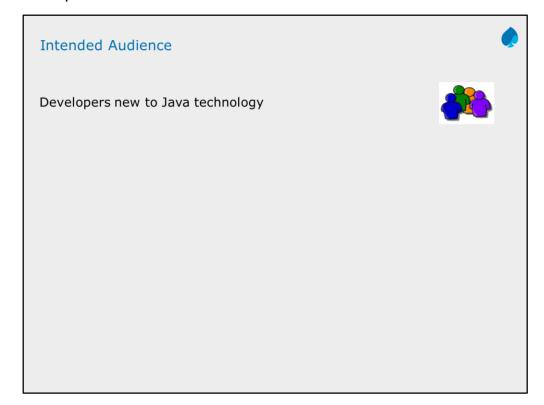
Use of Core JDK 1.8 API including JDBC 4.0

### ➤ Course Non Goals

Developing GUI applications



# Pre-requisites • Core Java • DBMS SQL



# Day 1: Lesson 1: Introduction to JDBC Lesson 2: Getting Started With JDBC Lesson 3: Performing Basic CRUD Operations using JDBC

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- Introduction to JDBC
- Architecture of JDBC
- Role of Driver Manager
- Understanding JDBC Driver Types

Lesson 1: Introduction to JDBC

### Lesson 2 : Getting Started with JDBC

- Connecting to Database using JDBC
- Managing Database resources
- Handling JDBC Exceptions

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- Iterating Through ResultSets
- Understanding Scrollable ResultSets
- Understanding Updatable ResultSets
- Understanding PreparedStatement
- Retrieving Data Using PreparedStatement
- Inserting the Record
- Updating the Record
- Removing the Record

### References

### Books:

- Java, The Complete Reference; by Herbert Schildt
- Thinking in Java; by Bruce Eckel
- Beginning Java 8 Fundamentals by Kishori Sharan

### Websites:

- Java home page: http://java.sun.com/
- JDK 1.8 documentation: http://docs.oracle.com/javase/8/docs/



