

JDBC Fundamentals	Introduction of JDBC API
	JDBC Drivers : Type-1, Type-2, Type-3, Type-4
	JDBC Architecture
	Steps to write JDBC Programs
	CRUD Operations using Statement, PreparedStatement, and CallableStatement
	ResultSet, Scrollable and Updatable ResultSet types
	Handling SQL Exceptions and Proper Cleanup
	ResultSetMetaData and DataBaseMetaData
	Primary Key Generators
	Reading connection properties from .properties file
	Stored Procedures
	Database Functions
Advanced JDBC	Batch Operations
	RowSet, JdbcRowset, CachedRowSet
	Connection Pooling (using javax.sql.DataSource interface)
	Transaction Management
	Isolation Levels
	BLOB
	CLOB
JDBC Project	1) DAO Design Pattern
	2) DataSource (Connection Pooling)
	3) RowSet
	4) Primary Key Generator (Sequence)
	5) Externalizing connection properties
	6) Logging API
	7) Project Structure