

Advanced Java

Session 1: Introduction to JDBC(Using Mysql)(java.sql)

The JDBC different Drivers

JDBC Connectivity Model Connecting to the Database

Session 2: Queries

Creating a SQL Query

Getting the Results

Session 3: Connecting To Database

Updating Database Data

Finishing Up JDBC SQL Programming

Error Checking and the SQL Exception Class

Session 4: Executing SQL Queries

Executing SQL Queries

ResultSetMetaData

Executing SQL Updates

Session 5: Prepared Statements

Using Prepared Statement ,Statements

Parameterized Statements

Session 6: Introduction To Servlets (using Tomcat server)

What Is a Servlet?

The Example Servlets

Session 7: Servlets

- Servlet Life Cycle
- Handling Servlet Life-Cycle Events
- Handling Errors
- Accessing Databases

Session 8: Service Methods

- Initializing a Servlet
- Writing Service Methods
- Getting Information from Requests

Session 9: Request and Responses

- Constructing Responses
- Filtering Requests and Responses
- Programming Filters

Session 10: Server Response

- Session Tracking
- Cookies

Session 11: Introduction To JSPs(Using Tomcat server)

JSP action tags - jsp:useBean, jsp:setProperty and jsp:getProperty

RequestDispatcher - forward and include

jsp:forward and jsp:include

jsp:include vs include directive

Session 12: Error Handling

Error Page forwarding via JSP

Expression Language (EL)

Session 13: Implicit Objects

Operators, keywords, implicit objects

Understanding page Context implicit object

Session 14:EL Functions

Write an EL function

JSTL Tags

Core tags

Session 15: Tags

Formatting Tags

Function Tags

Write a Simple Tag