

Advance Java

Duration:**Prerequisites:** Good Knowledge of Core Java**Introduction to Enterprise Edition**

- Distributed Multitier Applications
- J2EE Containers
- Web Services Support
- Packaging Applications
- J2EE 1.4 APIs

Web Server and Application Server

- Tomcat-Introduction
- Overview, installation, Configuring Tomcat
- Jboss server-Introduction
- Overview, installation and Configuration
- Comparison

SQL

- Basics of SQL queries
- SQL Joins

JDBC

- Introduction
- JDBC Architecture
- Types of Drivers
- Statement
- Result Set
- Read Only Result Set
- Updatable Result Set
- Forward Only Result Set
- Scrollable Result Set
- Prepared Statement

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Servlets

- Introduction
- Web application Architecture
- HTTP Protocol & HTTP Methods
- Web Server & Web Container
- Servlet Interface
- HTTPServlet
- GenericServlet
- Servlet Life Cycle
- Servlet Config
- Servlet Context
- Servlet Communication

Servlet-Browser Communication

- sendError
- setHeader
- sendRedirect

Web-Component Communication

- Forward
- Include

Servlet-Applet Communication

- Session Tracking Mechanisms
- Http Session
- Cookies
- URL-Rewriting
- Hidden-Form Fields
- Filters & Wrappers
- Listeners
- Web-Security

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JSP

- Introduction
- Jsp LifeCycle
- Jsp Implicit Objects & Scopes
- Jsp Directives
- page
- include
- taglib

Jsp Scripting Elements

- declaratives
- scriptlets
- expressions

JSP Actions

- Standard Actions
- useBean tag
- setProperty tag
- getProperty tag
- include tag
- forward tag
- param tag
- plug-in tag
- params tag
- fallback tag
- directives tag
- scriptlet tag
- expression tag

Custom Actions

- Classic Tags
- Simple Tags

JSTL & Tag Library