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IT Education Centres

Java Database Connectivity (JDBC)

- JDBC Product
- Types of Drivers
- Basic Steps of JDBC
- Creating and Executing SQL Statement
- The Result Set Object
- Working with Database MetaData

Servlets

- Servlet Interaction & Advanced Servlets
- Life cycle of Servlet
- Java Servlet Development Kit
- Javax.servlet package
- Reading Servlet Parameters
- Handling HTTP

Java Server Pages (JSP)

- JSP Technologies
- Understanding the Client-Server Model
- Understanding Web server software
- Handling JSP Errors
- JSP Translation Time Errors
- JSP Request Time Errors
- Creating a JSP Error Page

Struts

- Introduction to the Apache Struts
- MVC Architecture
- Struts Architecture
- How Struts Works?
- Introduction to the Struts Controller
- Introduction to the Struts Action Class
- Using Struts Action From Class
- Using Struts HTML Tags
- Introduction to Struts Validator Framework
- Client Side Address Validation in Struts
- Custom Validators Example

XML

- What is XML?
- XML Syntax Rules



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BOOTSTRAP FRAMEWORK

- Installations and Understanding classes
- HTML CSS –Template Designing
- Designing Mobile Responsive Website

RMI

- RMI Architecture
- Designing RMI application
- Executing RMI application

AJAX

- HTML
- Java Script
- CSS
- XMLHttpRequest
- AJAX Examples

EJB

- Types of Enterprise Java beans
- Session Bean & Entity Bean
- Features of Session Bean
- Life-cycle of Stateful Session Bean
- Features of Entity Bean
- Life-cycle of Entity Bean
- Container-managed Transactions &
- Bean-managed Transactions
- Implementing a container-managed Entity Bean