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Course Highlights

This Java training course is intended for students without an extensive programming background. It covers most Java syntax elements, concentrating on fundamental and universally useful elements, while providing an overview of many more advanced elements.

Module I - Understanding Requirement and Basic Concepts of JAVA

- Unit1-Introduction to JAVA
- Unit2-Programing Material
- Unit3-Flow Control Structures

Module-II - Learning OOPS Concepts & Their Implementations

- Unit1-Classes & Objects
- Unit2-Inheritance & Polymorphism
- Unit3-Advance Inheritance Concepts

Module-III - Advance Concepts of Java

- Unit1-Exception Handling
- Unit2-String Handling
- Unit3-Multithreading

Module-IV - Exploring Inbuilt Packages of Java

- Unit1-java.lang package
- Unit2-java.util package
- Unit3-java.io package

Module-V - Exploring GUI Packages (Applet , AWT and Event Handling)

- Unit1- exploring java. Applet package
- Unit2- exploring java.awt package
- Unit3- exploring java.awt.event package

Palasia Centre: 20/1 Modern Mansion, Palasia square, Indore Ph: 0731- 4066541, 4091658

Bhanwarkuan Centre: 18- Professor Colony, Wadhvani Chambers, Bhanwarkuan square, Indore. Ph 0731- 4289083/ 84

Email: info@ssiedu.in



Course Highlights

SSI's Advanced Java™ Programming training course teaches Java developers the latest advanced Java language skills, including JDBC, Servlet, JSP and Java Foundation Classes (SWINGS).

Module I : Database Concepts & Connections

- RDBMS Concepts
- Database Drivers
- Connection configuration
- Structured Query Language (SQL)
- Connection Classes & Interfaces
- Brief introduction of stored procedures

Module II : Servlet

- Overview of Servlet & JSP Technology
- Servlet basics & handling client req.
- HTTP status codes and server response
- Servlet & Database
- Server set up and configuration
- HTTP Headers (request & response)
- Session tracking & Cookies

Module III : JSP

- Overview of JSP Technology
- Invoking Java Code with JSP
- JSP Plug-in
- Integrating Servlet & JSP
- JSP Tags
- JSP Directives
- Using bean components in JSP
- MVC Architecture

Module IV : Struts Application

- Enterprise Web Application Development
- Struts Fundamentals
- Handling Application Requests
- Generating Dynamics Views
- Validating User Input

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Module VI : Introduction to XHTML and Java Script

- Basics of web Page designing
- Form & Data controlling with XHTML
- Introduction to Design tools
- Introduction to HTML & XHTML
- Overview of Client side scripting

Module VII : Introduction to Hibernate

- Overview of ORM
- Architecture of Hibernate Applications
- A sample Application using Hibernate

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