

ADVANCED
Java

Java J2ee Java 2 Platform Enterprise Edition Training

Course Content

J2EE (Advanced Java)

JDBC - Java Database Connectivity.

Types of connectivity, Create Statement

Application using Prepared, Callable Statement

Java Swings

Swings Component Part I

Swings Component Part II (JFC).

Swings Mini Project - Application using JDBC

Servlet

Introduction to Servlet

Life Cycle of Servlet

Servlet Application - CRUD Operation

Cookies - Session - Advance Servlet.

Java Server Pages- JSP

Introduction JSP

JDBC - JSP - Beans.

Mini Project using JSP and JDBC

JSP with AJAX

Introduction to JSTL (Java Server Tag Library).

Web Services

Rest and JSON web Services

Example of Webservice using JSP

XML to DB and DB to XML.

JUnit

What and Why?

Types of Testing

Annotations used in JUnit

Assert class - Test Cases.

Maven

Maven - Ant Vs Maven
Maven Repository
Understanding pom.xml.
Maven Example
Maven Web App Example.

Frameworks

JSF (Java Server Faces).

JSF + Hibernate.

Struts

What and Why ? - Model1 vs Model2
Struts2 Features.
Steps to create Struts2 application
Understanding Action class, struts.xml file.
Struts2 in Eclipse IDE.
Interceptors - ValueStack - ActionContext - ActionInvocation.
Custom Interceptor : Life Cycle of Interceptor.
exception interceptor, fileUpload interceptor.
Custom Validation : workflow interceptor.
Input Validation : validation interceptor.
Ajax Validation : jsonValidation interceptor.
Struts + Hibernate.

Project 1 using Struts with Hibernate Spring 3

What is Spring ? Modules, Applications.
IOC container
Spring Tool Suit (STS) (Editor)
Dependency Injection.
Spring AOP, Spring JDBC
Spring with ORM
Spring 3 MVC

Hibernate (O/R Mapping).

Spring + Hibernate.

Project 2 using Spring with Hibernate

Duration : 6 Months

Eligibility : Knowledge of Core Java

Available Batches : Regular Batch -> Monday-Saturday

WeekEnd Batch -> Saturday and Sunday

Fast-Track Batch -> 4 to 5 hrs daily

Present & Future Scope

Got placements in Mid and Large size co.s
Java 100% oops (Object Oriented Programing)
New Features MVC boost up demand of Java
For long term Java is good technology
Giant ERP mostly developed using Java technology
High demands in India and as well as in abroad.

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