# Core Java Online Course - Smart Mind Online Training, Hyderabad

## Core Java Online Training Course Content

### Faculty: Real time and certified

(Includes theoretical as well as practical sessions)

- CORE JAVA (J2SE) - JAVA PROGRAMMING LANGUAGE

- GETTING STARTED

- Primary Goals Of Java Technology

- Simple Java Program

- OBJECT ORIENTED PROGRAMMING

- Objectives

- Software Engineering

- Declaring Java Technology Classes

- Declaring Methods, Attributes

- Encapsulation, Information Hiding

- Constructors

- Packages

- IDENTIFIERS, KEYWORDS AND TYPES

- Objectives

- Comments

- Semicolons, Blocks, White Spaces

- Java Programming Language Types

- Java Reference Types

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- this Reference

- EXPRESSIONS & FLOW CONTROL

- Variables

- Operators

- Branching Statements

- Looping Statements

- ARRAYS

- CLASS DESIGN

- Objectives

- Sub classing

- Overriding Methods

- Polymorphism

- Instance of Operator

- Overloading Methods

- Overloading Constructors

- Wrapper Classes

- Static Keyword

- Final Keyword

- Enumerated Types

- Abstract Classes

- Interfaces

- EXCEPTIONS

- THREADS

- EVENT HANDLING

- JDBC  OVERVIEW

- ADVANCED JAVA (J2EE)

- WEB COMPONENT DEVELOPMENT WITH SERVLET AND JSP™ TECHNOLOGIES

- INTRODUCTION TO WEB APPLICATION TECHNOLOGIES

- CGI Programs

- Java EE 5 SDK

- Servlets

- JSP

- MVC

- DEVELOPING A VIEW COMPONENT

- •Designing a View Component

- HTTP Revisited

- Simple HTTP Servlets

- Configuring & Deploying a Servlets

- DEVELOPING A CONTROLLER COMPONENT

- Creating a HTML Form

- Developing a Controller Servlets

- DEVELOPING DYNAMIV FORMS

- Servlets Life Cycle Methods

- DEVELOPING JSP PAGES

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- JSP Technology

- Writing JSP Scripting Elements

- DEVELOPING JSP PAGES USING CUSTOM TAGS

- Custom Tag Library

- JSTL

- DEVELOPING WEB APPLICATIONS USING STRUCTS ACTION FORMS

- More about Core Java Online Training :

- About  Core Java Trainer :

- Core Java Online Training batch information:

- Why Java / J2EE online training :

- About Java / J2EE History:

- About Java / J2EE :

- The Java Platform, Enterprise Edition or Java EE (formerly known as Java 2 Platform, Enterprise Edition or J2EE) has undergone several changes since Java J2EE-1.0 as well as numerous additions of new specifications.

- Java J2EE 1.4, the predecessor to the Java EE 5 platform, has many powerful features than older version of Java api. Here are a few of the significant changes of Java J2EE:

- In Java EE 5 platform most boilerplate requirements have been eliminated, and Javascript XML descriptors are now optional. For example, the ejb-jar.xml Java script descriptor is no longer necessary in most cases.

- Java EE 5 platform, more defaults are available, with a special emphasis on making them meaningful. Java Developers now have fewer details to remember.

- The EJB software programming model is significantly simpler in Java EE 5 platform.

- The new Java Persistence API is available to all Java api platform applications, including those based on Java EJB technology.