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JAVA TRAINING

JAVA TRAINING ONLINE AND CLASSROOM

Java training teaches you how Java today has become one of the very popular digital applications? Which is used in web designing & is being preferred by a fresher who started his work recently as well as high end users for different purposes such as in flash video application, 3-D gaming, complex software development

JAVA COURSE MODULES

CORE JAVA (J2SE) : 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
- ✓ 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

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

ADV JAVA : JDBC (JAVA DATABASE CONNECTIVITY)

- ✓ Introduction
- ✓ Types Of Drivers
- ✓ Types Of Statements - Statement
- ✓ Prepared Statement
- ✓ Callable Statement
- ✓ ResultSet, ResultSetMetaData
- ✓ Working With Scrollable ResultSet

SWINGS

- ✓ The Java Foundation Classes
- ✓ JFC Technologies
- ✓ Swing Features
- ✓ Swing Components
- ✓ Comparison Between Swing And AWT
- ✓ Event Handling
- ✓ Dialogs - Modal And Modalless

RMI(REMOTE METHOD INVOCATION)

- ✓ Introduction
- ✓ What Is Distributed Object Sytem
- ✓ RMI Registry Services
- ✓ Distributed Object Technologies
- ✓ RMI Architecture
- ✓ RMI Applications
- ✓ Removing Objects From Registry

SERVLETS

- ✓ Introduction
- ✓ Why Are Servlets Better Than CGI
- ✓ Environment Setup
- ✓ Web Server Configuration
- ✓ Servlet Life Cycle
- ✓ Running Servlet
- ✓ Calling The Servlet From HTML
- ✓ Using Hidden Fields
- ✓ Session Tracking - Using Session API
- ✓ Using URL Rewriting
- ✓ Using Cookies

JAVA BEANS

- ✓ Introduction
- ✓ Component Architecture
- ✓ Creating A Bean Class
- ✓ Manifest, Generating Jar
- ✓ Checking The Bean Execution Using JDK
- ✓ Using The Bean In Another Application

JSP(UAVA SERVER PAGES)

- ✓ Introduction
- ✓ Architecture
- ✓ Life Cycle
- ✓ JSP Page Execution
- ✓ JSP Page Structure
- ✓ Directives, Actions
- ✓ Implicit Objects
- ✓ Request And Response
- ✓ Form Processing
- ✓ Writing Filters
- ✓ Cookies Handling
- ✓ Session Tracking
- ✓ File Uploading
- ✓ Custom Tags

EJB-(ENTERPRISE JAVA BEANS)

- ✓ Enterprise Bean
- ✓ Session Bean
- ✓ Message-Driven Bean
- ✓ Accessing Enterprise Bean
- ✓ Contents Of An Enterprise Bean
- ✓ Naming Conventions Of Enterprise Bean
- ✓ Using Embedded Enterprise Bean Container
- ✓ Life Cycle Of Enterprise Beans, Enterprise Bean Example
- ✓ Message-Driven Example

PERSISTENCE

- ✓ Persistence - Introduction
- ✓ Persistence Query Language
- ✓ Criteria API For Criteria Queries
- ✓ String Based Criteria Queries

JAVA MAIL

- ✓ Session
- ✓ Message, Address
- ✓ Authenticator
- ✓ Transport

JNDI(UAVA NAMING & DIRECTORY INTERFACES)

- ✓ Introduction
- ✓ Advantages Architecture
- ✓ Contexts And Sub Contexts
- ✓ Operations On JNDI Contexts

JMS(UAVA MESSAGING SERVICES)

- ✓ What Is Messaging
- ✓ What Is JMS API
- ✓ JMS Architecture
- ✓ Messaging Domains
- ✓ Programming Model
- ✓ Connections
- ✓ Sessions
- ✓ Message Producers
- ✓ Message Consumers
- ✓ Messages, Queue Browsers

- ✓ FAQs
- ✓ Covering DBA Concepts
- ✓ Concentration On Performance Tuning
- ✓ Real Time Scenarios
- ✓ Certification Guidance
- ✓ Resume Preparation
- ✓ Sample Resumes
- ✓ Interview & Certification FAQs
- ✓ How To Face The Interview
- ✓ Class Notes Which Is Useful For Who Is Trying For Job
- ✓ Project Preparation