

Wizards Training

Java/J2EE Training Course Curriculum

Duration: Four Weekends/ Sat & Sun: 9.00am – 1.00pm or 1.00pm – 5.00pm
Weekdays - Mon, Wed, Fri: 6.30pm – 9.30pm or Tue, Thu: 6.30pm – 9.30pm

❖ Core Java Programming

- ✚ Introduction to Java and language fundamentals
- ✚ Declaration and Access Control
- ✚ Operators and Assignments
- ✚ Flow control. Exception handling
- ✚ Object orientation, Overloading and Overriding,
- ✚ Constructors and Return types
- ✚ java. Lang.* - The Math class, String and Wrappers , StringTokenizer
- ✚ Collections
- ✚ Threads
- ✚ Java File I/O
- ✚ JDBC

❖ JSP & Servlets

- ✓ MVC Architecture
- ✓ Integrating Eclipse with Tomcat web server
- ✓ Concept of Servlet , Servlet life cycle
- ✓ Request Response Architecture
- ✓ A Simple Hello World Servlet , Get Vs POST
- ✓ Using Servlet Config, Servlet Context, Request Dispatcher
- ✓ Posting HTML form and invoking Servlet
- ✓ Session Handling, session timeouts, Handling cookies
- ✓ Introduction to JSP, JSP life cycle
- ✓ How to use scriptlets, JSP action, use Bean tags in code
- ✓ Understanding JSP implicit objects.
- ✓ Exception handling, Session handling with example
- ✓ JSP Authentication, Roles etc.
- ✓ Project using Servlets and JSP

❖ Introduction to Struts

- Objectives
- Review: MVC model
- what is Struts?
- Struts flow
- Creating a web application using struts and using Log4j and exploring the application.

Training Location: 1033 Sterling Road, Ste. 103, Herndon-VA-20170. USA.
Ph: 703-263-7278 Fax: 703-935-8849 training @wizardsedu.com
(Behind Fuddruckers @ Cross Roads of Dulles on Elden Street)

Wizards Training

Java/J2EE Training Course Curriculum

Duration: Four Weekends/ Sat & Sun: 9.00am – 1.00pm or 1.00pm – 5.00pm

Weekdays - Mon, Wed, Fri: 6.30pm – 9.30pm or Tue, Thu: 6.30pm – 9.30pm

❖ EJB

- Integrating Eclipse with BEA Weblogic Application server
- Enterprise JavaBeans Communication
- EJB Details
- Session Beans
- Entity Bean
- Message Driven Bean

❖ The Details of Writing Beans

- ✓ EJB Development Overview
- ✓ The Enterprise Bean Class
- ✓ The Remote Interface
- ✓ The Home Interface
- ✓ Deployment Descriptors and EJB-JAR files

❖ Java Message Service (JMS)

- The principles of messaging systems
- Features of the Java Messaging Service (JMS)
- Writing a message driven Bean
- Message Driven Bean Clients

❖ Writing an EJB Client

- The steps needed to write an EJB client
- Calling Session bean from a client program
- Calling Entity bean from a client program
- Calling MDB from a client program

❖ Introduction to ANT

- Creating Build script using ANT

❖ XML

- ✚ Concept of XML
- ✚ Introduction to DTD and XML Schema
- ✚ Introduction to DOM, SAX with examples. Dom Vs. SAX comparison

❖ Web Services, AJAX, Hibernate, Spring

- ✓ Overview of Web Services with an example
- ✓ Overview of AJAX with an example
- ✓ Overview of Hibernate and Spring with an example.

Training Location: 1033 Sterling Road, Ste. 103, Herndon-VA-20170. USA.
Ph: 703-263-7278 Fax: 703-935-8849 training @wizardsedu.com
(Behind Fuddruckers @ Cross Roads of Dulles on Elden Street)