1855 Lakeland Drive
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Java EE Web Component Development with Servlets & JSPs (Java EE 6)

Course Duration: 4 days

Overview: Students will learn how to use basic Servlet and JSP programming to create simple web applications.

Outline:

Lesson 1 - Using a Web Server
Examine Servlets, JSPs and Java EE
Create a HTML Form
Use HTTP Methods
Install Eclipse and Tomcat
Examine Architecture
Use Annotations
Create the BBStore Project

Lesson 2 - Writing Servlets
Create a First Servlet
Examine a Web Application
Examine Request Parameters
Enable Servlet Communication

Lesson 3 - Using Scopes
Define HTTP Request
Use Hidden Fields
Define Sessions
Examine Cookies
Use ServletContext Scope
Select the Right Scope
Examine Spring Integration

Lesson 4 - Processing Requests
Define Filters
Dispatch Requests
Work with Threads
Examine Asynchronous Servlets

Lesson 5 - Implementing Servlets
Examine Servlet API
Examine the Servlet Lifecycle and Events
Secure Web Applications
Work with Packages

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Lesson 6 - Basics of JSP
Introduction to JSP
JSP Architecture
JSP Core Concepts

Lesson 7 - Using the Expression Language
Introduction to the Expression Language
Use Operators and Objects

Lesson 8 - Implementing JSP Tags
Work with the JSTL Tag Library
Custom Tags
Handle Exceptions