# Servlets 3.0 AND JSP 2.2

Lesson oo: (Java EE 7)



#### Course Goals and Non Goals



#### Course Goals

- Understand the role of Java Servlets in the overall Java Enterprise Edition architecture
- Develop interactive web applications using HTML forms and Servlet 3.0 API
- Manage complex conversations with HTTP clients using session attributes
- Develop web applications that support File upload
- Implement filters

#### Course Non Goals

- Developing distributed web application or Enterprise Application
- Implementing SSL (Secured Socket Layer)

# Pre-requisites



Java with JDBC HTML/DHTML Javascript XML DBMS/SQL

# **Intended Audience**

Web Authors Web Developers



# Software requirement



JDK 8.x WildFly 8.x Servlets 3.x API Eclipse 4.4.x (Luna) Oracle JDBC 4.0 connector library Oracle Client 10g and above

# Day Wise Schedule



## Day 1

- Lesson 1: Java Web Applications
- Lesson 2: Working with WildFly 8.x
- Lesson 3: Introduction to Servlets API 3.0 and Ease of Development through Annotations
- Lesson 4: The Request object
- Lesson 5 : Writing Java Server Page

### Day 2

- Lesson 6 : JSP Scripting Elements
- Lesson 7 : JSP Directives
- Lesson 8 : JSP Action
- Lesson 9 : JSP Standard Tag Library (JSTL)
- Lesson 10: Session Tracking

## References



#### **Books**

- Java EE 6 Server Programming for Professionals
- Head First Servlets and JSP

#### Websites:

- http://docs.coreservlets.com/servlet-3.0-api/
- http://pdf.coreservlets.com/

