

Instructor Notes:



**Instructor Notes:**

## 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)

Instructor Notes:

Pre-requisites



Java with JDBC  
HTML/DHTML  
Javascript  
XML  
DBMS/SQL

Instructor Notes:

Intended Audience

Web Authors  
Web Developers



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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

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## Day Wise Schedule



### Day 1

- Lesson 1: Java Web Applications
- Lesson 2: Introduction to Servlets API 3.0 and Ease of Development through Annotations
- Lesson 3: The Request object

### Day 2

- Lesson 4 : RequestDispatcher
- Lesson 5 : Listener
- Lesson 6 : Session Management

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## 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/>

