1. JSP vs Servlet

2. JSP Lifecycle

3. JSP Application Architecture

ò Model 1 Architecture- page-centric

ò Model 2 Architecture (Model-View-Controller)

4. Basic Deployment

ò Expanded directory format

ò Web ARchive file (WAR)

5. JSP Programmatic Logic

ò Scripting elements

ò Comments <%-- This is a JSP comment --%>

ò Declarations <%! Date now = new Date(); %>

ò Scriptlets <% any java code %>

ò Expressions <%= expression %>

ò Expression language expressions ${anObject.aProperty}

ò Directives

ò page directives <%@ page session="true" %>

ò include directives <%@ include file="ralativeURL" %>

ò taglib directives <%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>

ò Action elements

ò Standard actions

<jsp:include>, <jsp:useBean>

<jsp:getProperty> and <jsp:setProperty>

<jsp:forward>

ò Custom actions

<myPrefix:foo>...</myPrefix:foo>

ò JSTL actions

ò Core

ò Internationalization (I18n) and Formatting

ò XML

ò SQL

6. JSP Implicit Objects

Object Type

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1) out JspWriter

2) request HttpServletRequest

3) response HttpServletResponse

4) config ServletConfig

5) session HttpSession

6) application ServletContext

7) pageContext PageContext

8) page Object

9) exception Throwable