

JSP Notesheet

Scriptlets:

<code><% out.println("Greetings Planet!"); %></code>	Java language statements are enclosed in <code><% %></code>
<code><%! Int x = 5; %></code>	Declarations are handled via <code><%! %></code>
<code><%= request.getRemoteAddr() %></code>	Result of expression between <code><%= %></code> is inserted in its place
<code><%-- This is a comment --%></code>	JSP Comments

Predefined JSP Actions:

JSP Action elements conform to the XML standard and are used to control the behavior of the servlet engine

<code><jsp:include page="pageName" /></code>	Includes the specified resource when the JSP file is executed
<code><jsp:useBean id="beanName" /></code>	Looks for or instantiates the specified JavaBean class
<code><jsp:setProperty name="beanName" property="propName" value="string" /></code>	Sets the specified property name belonging to the specified JavaBean class
<code><jsp:getProperty name="beanName" property="propName" /></code>	Gets the specified property name belonging to the specified JavaBean class
<code><jsp:forward page="pageName" /></code>	Forwards request to object containing client request information from one JSP file to another
<code><jsp:plugin type="pluginType" code="codeLocation" codebase="language" /> </jsp:plugin></code>	Used to generate browser dependent HTML code that displays or executes a Java Plugin in the current page
<code><jsp:attribute name="attName"> desiredValue </jsp:attribute></code>	Defines XML elements dynamically
<code><jsp:body> BodyStuff </jsp:body></code>	Defines XML elements dynamically
<code><jsp:text> This is text </jsp:text></code>	Used to write template text in JSP pages

JSP Implicit Objects:

<code>out</code>	Contains several methods, used for formatting output to the browser
<code>request</code>	Main purpose is to get user submitted data from one page to another
<code>response</code>	Used for modifying the response which is being sent to the browser after processing the client's request.
<code>session</code>	Used to associate data with a specific user
<code>application</code>	Used to get application-wide parameters and to maintain data across the entire JSP application
<code>exception</code>	Used in exception handling for displaying the error messages
<code>page</code>	Reference to the current Servlet instance, can also use <i>this</i>
<code>pageContext</code>	Used for accessing the page, request, application, and session attributes
<code>config</code>	Configuration object used for accessing page parameter information