Backend and Database Development

13 classes

Day 10 : May 15 2024

Java Technologies

JSP : Java Server Pages. JSP is tag base interpreter object oriented server side scripting language.

JSP provide lot of pre defined tags which help to create dynamic web page on server side.

JSP tags

1. Scripting tag
   1. Scriptlet tag

<% opening tag

Java coding or the code which we write inside a method ie doGet or doPost

%> closing tag

* 1. Declarative tag :

<%! Opening tag

Variable declaration or object creation or the code which we write outside a method but inside a class.

%>

* 1. Expression tag :

<%= expression %>

<%=10+20 %>

<%=sum %>

1. Implicit object
   1. out : out is like PrintWriter class object. In Servlet we need to create the object using respose.getWriter() and we can write any name for that object as pw or obj etc. But in JSP the object name must out. This out is not equal to System.out.prinlnt();
   2. request : request is an implicit object of type HttpServletRequest interface. In doGet or doPost we can change the reference from request to req or obj1. But in JSP the object name must be request we can’t change.
   3. response : response is an implicit object of type HttpServletResponse interface. In doGet or doPost we can change the reference from response to res or obj2. But in jsp the object name must be response we can’t change.
2. Action tags
   1. jsp:include
   2. jsp:forward
3. Directive tags
4. JSTL tags

JSP doesn’t provide nested tags concept.

Login example using jsp pages.