1. The JSP is always converted to the servlets before run.....
2. The JSP is generally the mixture of the HTML and JAVA
3. In JSP we don't have to create or call methods like service, doget, dopost, and the printWriter
4. they are already called inbuilt...
5. The java code is written in the <% <code Here> %> which is called Scriplet
6. The declaration of variables is done outside of the main method is done by <%! <Declaration Here> %> which is called as declaration section..
7. The Output thing which is denoted by out.println can be written separately <%=<TextHere> %> and it is said to be an expression...
8. The Package import outside the main method is done as [%@page import="java.util.\* %"](mailto:%25@page%20import=%22java.util.*%20%25%22) which is called directive....
9. To print any variable in JSP do <%= marks %>
10. Tags of JSP

@page

@include

@tagLib

1. @page write format

<%@ page attribute="value" attribute="value" %>

1. List Of the Attributes
   1. Language=”scripting Language” java
   2. Extends=”className”
   3. Import=”importList”
   4. Session=”true|false”
   5. autoFlush=”true|false”
   6. contentType=”ctinfo”
   7. errorPage=”error\_url”
   8. isErrorPage=”true|false”
   9. info=”information”
   10. isELIgnored=”true|false”
   11. isThreadSafe=”true|false”

eg. <%@page Language=”java” import=”java.util.\*,java.sql,\*” info=”contact page” extends=”com.telusko.User” contextType=”text/html” isELIgnored=”false” isThreadSafe=”false” session="false" %>

1. @Include Format
   1. <%@include file=”fileName” %>
   2. [%@include file=”header.jsp” %](mailto:%25@include%20file=)
2. @tagLib Format
   1. <%@tagLib uri=”uri” prefix=”fx” %>

Eg.

<fx:navin>, <fx:h1>

1. Builtin Object (can be used in Scriplet and Expression)
   1. request (HttpServletRequest)
   2. response (HttpServletResponse)
   3. pageContext (pageContext)
   4. out (JspWriter) # PrintWriter object
   5. session (HttpSession)
   6. application (ServletContext)
   7. config (ServletConfig)
2. Pages Are of two types
   1. Static Pages(Stationary One)
   2. Dynamic Pages(The action One)
3. MVC(Model View Control)
4. POJO stands for plain old java object
5. The all the logic of control should be written on the servlet and the only the information which is made to be seen to the client is to be written in the jsp page while the main program should be written in the java classes…
6. DAO means data access object…
7. We can use ${<variable name>} to print variable in jsp which is declared in servlet
8. JSTL means jsp standard tag library
9. We can direct print any value of variable by ${<Variable Name>} and it is called as el(Expression Language)
10. Before using jstl tags we have to first add two jar files named jstl-api-2.0 and jstl-imp-2.0 to the lib folder of the project and then with help of if we have to build an path before running out the project
11. Also do add the jar file of servlet api
12. While making an filter, one should remove the given imports which had come automatically and should write the following imports
    1. Import jakarta.servlet.http.\*;
    2. Import java.io.IOException;
    3. Import Jakarta.servlet.\*;
13. To make the back button to make not to the previous page the following code is used :
    1. response.setHeader(“Cache-Control”, “no-cache, no store, must-revalidate” ); //HTTP1.1
    2. response.setHeader(“Pragma”,”no-cache”);
    3. response.setHeader(“Expires”, “0”);
14. Get is used to send data while post is used to get data from database