Imports in HTML

```
<%@ page import="packageName.Class" %>
```

```
<%@ page import="java.text.DecimalFormat" %>
```

```
<%@ page import="java.sql.*" %>
```

```
<%@ page import="java.util.*" %>
```

```
<jsp:include page="date.jsp" flush="true" />
```

Data Typs

All Java Datatyps (Integer, String, etc.)

ResultSet rsName; // rsName.getString("Name");

Date Handling

Date createTime = new Date();

"" + date.toString() + ""

<p>Today´s Date: <%= (new java.util.Date()) %> </p>

Function/Methode Deklaration

public methodName(String methodParameter) { method Operation }

JSP-Variable Deklaration between HTML

```
<%! String variableName; %>
```

```
<%! float functionName(String functionParameter){ function Operation } %>
```

JSP-Allocation between HTML

```
<% code fragment %>
```

JSP-Output between HTML

```
<form action="<%= request.getRequestURI() %>" method="post">
```

```
<% out.print("<a href='checkbox.jsp'>Zur&uuml;ck</a>"); %>
```

Request Operationen: // GET und POST

request.getParameter("checkBoxName");

String [] variableName = request.getParameterValues("checkBoxName");

Response Operationen:

response.sendRedirect("redirectPageName.jsp");

response.addCookie(cookie);

Sessions Deklaration

session.setAttribute("IndexName", "IndexValue");

session.setMaxInactiveInterval(time);

Sessions Usage

session.getAttribute("IndexName", object value);

session.getId();

session.getAttribute();

session.getAttributeNames();

session.removeAttribute();

session.getCreationTime();

Sessions Usage (cont)

session.getLastAccessedTime();

session.isNew();

Enumarations

```
Enumeration e = request.getParameterNames();
String name, wert;
while( e.hasMoreElements()) {
name = e.nextElement().toString();
// name = (String) e.nextElement();
wert = request.getParameter(name);
if ( !name.equals("submit") && !wert.equals(""))
out.println(name + ":" + wert + "<br>");
}
```

Cookies Deklaration

```
Cookie cookie = new Cookie("IndexName", IndexValue);
cookie.setMaxAge(24*60*60 ); // 24 Stunden
response.addCookie( cookie );
```

Cookie Usage

```
Cookie[] cookies = request.getCookies();
for(int i = 0; i < cookies.length; i++){
    Cookie c = cookies[i];
    if(c.getName().equals("name")){
        out.println("Name= " + c.getValue() );
    }
}
```

Compare

== | != | etc.
user.equals(user_f)

Cookie Delete

cookie.setMaxAge(0);

Comments

<!-- comment --> // HTML Comment
<%-- comment --%> // JSP Comment

Exception

```
catch(Exception e){
e.getMessage();
}
```