

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/Method 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

Sessions Usage

```
session.getAttribute("IndexName", object value);
session.getId();
session.getAttribute();
session.getAttributeNames();
session.removeAttribute();
session.getCreationTime();
session.getLastAccessedTime();
session.isNew();
```

Enumerations

```
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(24060); // 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();
}
```

```
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);
```



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