

<소스> (1,2,3 해결)

Login.jsp

```
login.jsp insertBoard.jsp logout_proc.jsp insertBoard... 새글등록
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2   pageEncoding="UTF-8"%>
3 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/T
4 <html>
5 <head>
6 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
7 <title>로그인</title>
8 </head>
9 <body>
10 <%if(session.getAttribute("sessionId")==null){ %> →세션을 두어 로그인하도록 생성
11 <div align="center">
12 <h2>로그인</h2>
13 <hr>
14 <form action="login_proc.jsp" method="post">
15 <table border="1" cellpadding="0" cellspacing="0">
16 <tr>
17 <td bgcolor="orange">아이디</td>
18 <td><input type="text" name="id" /></td>
19 </tr>
20 <tr>
21 <td bgcolor="orange">비밀번호</td>
22 <td><input type="password" name="password" /></td>
23 </tr>
24 <tr>
25 <td colspan="2" align="center"><input type="submit" value="로그인" /></td>
26 </tr>
27 </table>
28 </form>
29 </div>
30 <%} else{} %>
31 </body>
32 </html>
```

Login_proc.jsp

```
login_proc.jsp  getBoardLis...  insertBoard...  getBoard.jsp  새글등록  »2
1  <%@ page import="ac.yongin.sa.user.dao.UserDAO" %>
2  <%@ page import="ac.yongin.sa.user.vo.UserVO" %>
3
4  <%@ page language="java" contentType="text/html; charset=UTF-8"
5      pageEncoding="UTF-8"%>
6  <%
7      String id=request.getParameter("id");
8      String password=request.getParameter("password");
9
10     UserVO vo=new UserVO();
11     vo.setId(id);
12     vo.setPassword(password);
13
14     UserDAO dao=new UserDAO();
15     UserVO user=dao.getUser(vo);
16
17     if(user!=null){
18         response.sendRedirect("getBoardList.jsp");
19     }
20     else{
21         response.sendRedirect("login.jsp");
22     }
23 %>
24 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/T
25 <html>
26 <head>
27 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
28 <title>Insert title here</title>
29 </head>
30 <body>
31
32 </body>
33 </html>
```

Logout_proc.jsp →로그아웃하는 부분을 생성하였습니다.

```
login.jsp  insertBoard.jsp  logout_proc.jsp  insertBoard...  새글등록  »5
1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2      pageEncoding="UTF-8"%>
3  <%
4      session.invalidate();
5      response.sendRedirect("login.jsp");
6  %>
7  <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/T
8  <html>
9  <head>
10 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
11 <title>Insert title here</title>
12 </head>
13 <body>
14
15 </body>
16 </html>
```

InsertBoard.jsp

```
<%@ page import="ac.yongin.sa.user.dao.UserDAO" %>
<%@ page import="ac.yongin.sa.user.vo.UserVO" %>

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%
    String id=request.getParameter("id");
    String password=request.getParameter("password");
    String name = (String)session.getAttribute("sessionname");

    UserVO vo=new UserVO();
    vo.setId(id);
    vo.setPassword(password);

    UserDAO dao=new UserDAO();
    UserVO user=dao.getUser(vo);
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>새글등록</title>
</head>
<body>
<div align="center">
<h2>글 등록</h2>
<a href="Logout_proc.jsp">Log-out</a>
<hr>
<form action="insertBoard_proc.jsp" method="post">
<table border="1" cellpadding="0" cellspacing="0">
    <tr>
        <td bgcolor="orange" width="70">제목</td>
        <td align="Left"><input name="title" type="text" /></td>
    </tr>
    <tr>
        <td bgcolor="orange">작성자</td>
        <td align="Left"><%= name %></td>
    </tr>
    <tr>
        <td bgcolor="orange">내용</td>
        <td align="Left"><textarea name="content" cols="40" rows="10"></textarea></td>
    </tr>
    <tr>
        <td colspan="2" align="center"><input type="submit" value="새글등록" /></td>
    </tr>
</table>
</form>
<hr>
<a href="getBoardList.jsp">글목록</a>
</div>
</body>
</html>
```

Insertboard_proc.jsp

```
<%@ page import="java.util.*" %>
<%@ page import="ac.yongin.sa.board.dao.BoardDAO" %>
<%@ page import="ac.yongin.sa.board.vo.BoardVO" %>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>

<%
    String id = (String)session.getAttribute("sessionId");

    request.setCharacterEncoding("UTF-8");
    String title=request.getParameter("title");
    String writer=request.getParameter("writer");
    String content=request.getParameter("content");

    BoardVO vo=new BoardVO();
    vo.setTitle(title);
    vo.setWriter(writer);
    vo.setContent(content);

    BoardDAO dao=new BoardDAO();
    dao.inserBoard(vo);

    response.sendRedirect("getBoardList.jsp");
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>새글등록</title>
</head>
<body>
<div align="center">
<h2>글 등록</h2>
<a href="logout_proc.jsp">Log-out</a>
<hr>
<form action="insertBoard_proc.jsp" method="post">
<table border="1" cellpadding="0" cellspacing="0">
    <tr>
        <td bgcolor="orange" width="70">제목</td>
        <td align="left"><input name="title" type="text" /></td>
    </tr>
    <tr>
        <td bgcolor="orange">작성자</td>
        <td align="left"><%= id %></td>
    </tr>
    <tr>
        <td bgcolor="orange">내용</td>
        <td align="left"><textarea name="content" cols="40" rows="10"></textarea></td>
    </tr>
    <tr>
        <td colspan="2" align="center"><input type="submit" value="새글등록" /></td>
    </tr>
</table>
</form>
<hr>
<a href="getBoardList.jsp">글목록</a>
</div>
```

```
</body>
</html>
```

GetBoardList.jsp

```
<%@ page import="java.util.*" %>
<%@ page import="ac.yongin.sa.board.dao.BoardDAO" %>
<%@ page import="ac.yongin.sa.board.vo.BoardVO" %>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>

<%
    BoardVO vo=new BoardVO();
    BoardDAO boardDao=new BoardDAO();
    List<BoardVO> boardList=boardDao.getBoardList(vo);
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Insert title here</title>
</head>
<body>
<div align="center">
<h2>글목록</h2>
<h3>테스트님 환영합니다...<a href="logout_proc.jsp">Log-out</a></h3>

<form action="getBoardList.jsp" method="post">
<table border="1" cellpadding="0" width="700">
<tr><td align="right">
        <select name="serarchCondition">
            <option value="TITLE">제목
            <option value="CONTENT">내용
        </select>
        <input name="serarchKeyword" type="text"/>
        <input type="submit" value="검색" />
    </td>
</tr>
</table>
</form>

<table border="1" cellpadding="0" cellspacing="0" width="700">
<tr>
<th bgcolor="orange" width="100">번호</th>
<th bgcolor="orange" width="200">제목</th>
<th bgcolor="orange" width="150">작성자</th>
<th bgcolor="orange" width="150">등록일</th>
<th bgcolor="orange" width="100">조회수</th>
</tr>

<% for(BoardVO board : boardList){ %>
<tr>
    <td><%= board.getSeq() %></td>
    <td align="left"><a href="getBoard.jsp?seq=<%= board.getSeq() %>"><%=
board.getTitle()%></a></td>
    <td><%= board.getWriter() %></td>
    <td><%= board.getRegDate() %></td>
    <td><%= board.getCnt() %></td>
</tr>
```

```

<% } %>
</table>

<br>
<a href="insertBoard.jsp">새글등록</a>
<a href="deleteBoard.jsp">글삭제</a>
</div>
</body>
</html>

```

GetBoard.jsp

```

<%@ page import="ac.yongin.sa.board.dao.BoardDAO" %>
<%@ page import="ac.yongin.sa.board.vo.BoardVO" %>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%
    String seq=request.getParameter("seq");
    BoardVO vo=new BoardVO();
    vo.setSeq(Integer.parseInt(seq));

    BoardDAO boardDao = new BoardDAO();
    BoardVO board=boardDao.getBoard(vo);
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Insert title here</title>
</head>
<body>
<div align="center">
<h2>글 상세</h2>
<a href="logout_proc.jsp">Log-out</a>
<hr>
<form action="updateBoard_proc.jsp" method="post">
<input type="hidden" name="seq" value="<%= board.getSeq() %>"/>
<table border="1" cellpadding="0" cellspacing="0">
    <tr>
        <td bgcolor="orange" width="70">제목</td>
        <td align="left"><input name="title" type="text" value="<%=board.getTitle() %>"
/></td>
    </tr>
    <tr>
        <td bgcolor="orange">작성자</td>
        <td align="left"><%=board.getWriter() %></td>
    </tr>
    <tr>
        <td bgcolor="orange">내용</td>
        <td align="left"><textarea name="content" cols="40" rows="10">
<%=board.getContent() %></textarea></td>
    </tr>
    <tr>
        <td bgcolor="orange">등록일</td>
        <td align="left"><%=board.getRegDate() %></td>
    </tr>
    <tr>
        <td bgcolor="orange">조회수</td>
        <td align="left"><%=board.getCnt() %></td>
    </tr>

```

```

        <tr>
            <td colspan="2" align="center"><input type="submit" value="글수정" /></td>
        </tr>
    </table>
</form>
<hr>
<a href="insertBoard.jsp">글등록</a> |
<a href="deleteBoard_proc.jsp?seq=1">글삭제</a> |
<a href="getBoardList.jsp">글목록</a>
</div>
</body>
</html>

```

UpdateBoard_proc.jsp

```

<%@ page import="ac.yongin.sa.board.dao.BoardDAO" %>
<%@ page import="ac.yongin.sa.board.vo.BoardVO" %>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>

<%
    request.setCharacterEncoding("UTF-8");
    String title=request.getParameter("title");
    String seq=request.getParameter("seq");
    String content=request.getParameter("content");

    BoardVO vo=new BoardVO();
    vo.setTitle(title);
    vo.setSeq(Integer.parseInt(seq));
    vo.setContent(content);

    BoardDAO dao=new BoardDAO();
    dao.updateBoard(vo);

    response.sendRedirect("getBoardList.jsp");
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Insert title here</title>
</head>
<body>

</body>
</html>

```

<결과>

로그인

아이디	user1
비밀번호
<input type="button" value="로그인"/>	

글목록

테스트님 환영합니다...[Log-out](#)

제목 ▼					검색
번호	제목	작성자	등록일	조회수	
1	aaaaa	bbbbbb	2018-06-11	0	
2	aaaaa	bbbbbb	2018-06-11	0	
3	aaaaa	bbbbbb	2018-06-11	0	
4	aaaaa	bbbbbb	2018-06-11	0	
5	제목1	작성자1	2018-06-15	0	
6	제목1	작성자1	2018-06-15	0	
7	제목1	작성자1	2018-06-15	0	
8	안녕	테스트	2018-06-16	0	
9	ㅇ		2018-06-16	0	
10	d		2018-06-16	0	
11	hi	null	2018-06-16	0	

[새글등록 글삭제](#) [→글삭제기능 생성](#)

글 등록

[Log-out](#)

제목	hi	
작성자	null	→작성자의 이름을 따로지정하지 않아 null로
내용	hi	뜨네요. 그렇지만 자동으로 작성자의 이름이
		됩니다!!!
<input type="button" value="새글등록"/>		

[글목록](#)

三三三

테스트님 환영합니다...[Log-out](#)

제목 ▼

검색

번호	제목	작성자	등록일	조회 수
1	aaaaa	bbbbbb	2018-06-11	0
2	aaaaa	bbbbbb	2018-06-11	0
3	aaaaa	bbbbbb	2018-06-11	0
4	aaaaa	bbbbbb	2018-06-11	0
5	제목1	작성자1	2018-06-15	0
6	제목1	작성자1	2018-06-15	0
7	제목1	작성자1	2018-06-15	0
8	안녕	테스트	2018-06-16	0
9	ㅇ		2018-06-16	0
10	d		2018-06-16	0
11	hi	null	2018-06-16	0
12	hi	null	2018-06-16	0

새글등록 글삭제

4. 조회수 증가의 부분 구현 생각해보기

```
String sql="select from board where num="+idx;
```

<0%

```
sql = "UPDATE board SET HIT=" + count + " where NUM=" + idx;
```

```
stmt.executeUpdate(sql);
```

```
rs.close();
```

```
stmt.close();
```

```
conn.close();
```

}

```
}catch(SQLException e) {
```

}

%>

|
 | 조회수 | <%=hit%> |

```
<td width="0">&nbsp;</td>
```

```
</tr>
```

5. 검색 기능 구현 생각해보기

검색 기능은 글 목록 전체를 보여주는 소스에서 제목으로 데이터를 찾는 방식의 소스를 추가하면 된다

```
String opt=(String)listOpt.get("opt"); //검색 옵션
```

```
String condition=(String)listOpt.get("condition"); //검색 내용
```