```
11maps | page language="java" contentType="text/html; charset=UTF-8"
      pageEncoding="UTF-8"%>
 3 < @ page import="ch15.BoardBean"%>
 4 < more import="java.util.Vector" >>
 5 < jsp:useBean id="bMgr" class="ch15.BoardMgr"/>
 6 < %
7
      request.setCharacterEncoding("utf-8");
8
9
      int totalRecord = 0; //전체 레코드 수
      int numPerPage = 10; //페이지당 레코드 수(상수)
10
11
      int pagePerBlock = 15; //블럭 당 페이지 수(상수)
12
13
      int totalPage = 0; //전체 페이지 수
14
      int totalBlock = 0; //전체 블럭 수
15
16
      int nowPage = 1; //현재페이지
17
      int nowBlock = 1; //현재 블럭
18
19
      int start = 0; //db의 select 시작번호
      int end = 10; //시작번호로부터 가져올 select 갯수
20
21
      int listSize = 0; //현재 읽어온 게시물의 수
22
23
24
      String keyWord = "", keyField = "";
25
      Vector<BoardBean> vlist = null;
26
      if(request.getParameter("keyWord") != null){
27
          keyWord = request.getParameter("keyWord");
28
29
          keyField = request.getParameter("keyField");
30
31
      if(request.getParameter("reload")!=null){
32
33
          if(request.getParameter("reload").equals("true")){
              keyWord = "";
34
              keyField = "";
35
36
          }
37
      }
38
39
      if(request.getParameter("nowPage") != null){
40
          nowPage = Integer.parseInt(request.getParameter("nowPage"));
41
42
43
      start = (nowPage * numPerPage) - numPerPage;
44
      end = numPerPage;
45
      totalRecord = bMgr.getTotalCount(keyField, keyWord);
46
47
      totalPage = (int)Math.ceil((double)totalRecord / numPerPage); //전체 페이지 수
48
      nowBlock = (int)Math.ceil((double)nowPage/pagePerBlock); //현재 블럭 계산
49
50
      totalBlock = (int)Math.ceil((double)totalPage/pagePerBlock);//전체 블럭 계산
51
52 %>
53 <! DOCTYPE html>
54 <html>
55 <head>
56 <meta charset="UTF-8">
57 <title>서지우 게시판</title>
58 k href="style.css" rel="stylesheet" type="text/css">
59 <script type="text/javascript">
60
      function list(){
          document.listFrm.action = "list.jsp";
61
```

```
list.jsp
62
         document.listFrm.submit();
63
      }
64
      function pageing(page){
65
66
         document.readFrm.nowPage.value = page;
67
         document.readFrm.submit();
68
      }
69
70
      function block(value){
71
         document.readFrm.nowPage.value = <%=pagePerBlock%>*(value-1)+1;
72
         document.readFrm.submit();
73
      }
74
75
      function read(num){
76
         document.readFrm.num.value=num;
77
         document.readFrm.action="read.jsp";
78
         document.readFrm.submit();
79
      }
80
      function check(){
81
         if (document.searchFrm.keyWord.value==""){
82
83
            alert("검색어를 입력하세요.");
84
            document.searchFrm.keyWord.focus();
85
            return;
86
87
         document.searchFrm.submit();
88
      }
89 </script>
90 </head>
91 <body bgcolor="#FFFFCC">
92
      <div align="center">
93
         <br/>
         <h2>서지우 게시판</h2>
94
95
         <br/>
         96
97
            (tr>
98
                >
99
                   Total: <%=totalRecord%>Articles(
100
                   <font color="red"><%=nowPage%>/<%=totalPage%>Pages</font> )
101
                102
103
         104
105
            106
                107 <%
108
      vlist = bMgr.getBoardList(keyField, keyWord, start, end);
109
      listSize = vlist.size();
110
      if(vlist.isEmpty()){
         out.println("등록된 게시물이 없습니다.");
111
      } else {
112
113 %>
114
                   115
                         건 호
116
                          제 목
117
118
                         이 름
```

날 짜

조회수

119

120

121

122 <%

```
list.jsp
123
          for(int i = 0; i<numPerPage; i++){</pre>
124
              if (i==listSize) break;
125
              BoardBean bean = vlist.get(i);
126
              int num = bean.getNum();
127
              String name = bean.getName();
128
              String subject = bean.getSubject();
129
              String regdate = bean.getRegdate();
130
              int depth = bean.getDepth();
131
              int count = bean.getCount();
132 %>
133
                         134
                            135
                                <%=totalRecord-((nowPage-1)*numPerPage)-i%>
                            136
137
                            138 <%
139
              if (depth>0){
140
                 for(int j=0;j<depth;j++){</pre>
141
                     out.println("  ");
142
                 }
143
              }
144 %>
145
                                <a href="javascript:read('<%=num%>')"><%=subject%></a>
146
                            147
                            <%=name%>
                            <%=regdate%>
148
                            <%=count%>
149
150
                         151 <%
152
          }
153 %>
154
                     155 <%
156
      }
157 %>
158
                 159
160
              161
                 <br/><br/>
162
              163
              164
                 165 <%
      int pageStart = (nowBlock-1)*pagePerBlock + 1; //하단 페이지 시작번호
166
167
      int pageEnd = ((pageStart + pagePerBlock)<=totalPage) ? (pageStart + pagePerBlock) :</pre>
   totalPage + 1;
168
169
      if(totalPage!=0){
170
          if (nowBlock>1){
171 %>
172
                     <a href="javascript:block('<%=nowBlock-1%>')">prev...</a>
173 <%
174
          }
175 %>
176
                      
177 <%
178
          for(;pageStart<pageEnd;pageStart++){</pre>
179 %>
180
                     <a href="javascript:pageing('<%=pageStart %>')">
181 <%
182
              if(pageStart==nowPage){
```

## list.jsp

```
183 %>
184
                          <font color="blue">[<%=pageStart%>]</font>
185 <%
              } else {
186
187 %>
188
                          [<%=pageStart%>]
189 <%
190
              }
191%>
                      </a>
192
193 <%
194
           }
195 %>
196
                       
197 <%
198
           if(totalBlock>nowBlock){
199 %>
200
                      <a href="javascript:block('<%=nowBlock+1%>')">.....next</a>
201 <%
           }
202
203 %>
204 <%
205
       }
206 %>
207
                  208
                      <a href="post.jsp">[글쓰기]</a>
209
210
                      <a href="javascript:list()">[처음으로]</a>
211
                  212
              213
           214
           <hr width="700"/>
           <form name="searchFrm" method="get" action="list.jsp">
215
              216
217
                  218
219
                          <select name="keyField" size="1">
220
                              <option value="name"> 이 름</option>
221
                              <option value="subject"> 제 목</option>
222
                              <option value="content"> 내용</option>
                          </select>
223
224
                          <input size="16" name="keyWord">
                          <input type="button" value="찾기" onClick="javascript:check()">
225
                          <input type="hidden" name = "nowPage" value="1">
226
227
                      228
                  229
              230
           </form>
           <form name="listFrm" method="post">
231
              <input type="hidden" name="reload" value="true">
232
              <input type="hidden" name = "nowPage" value="1">
233
234
           </form>
235
           <form name="readFrm" method="get">
              <input type="hidden" name="num">
236
              <input type="hidden" name="nowPage" value="<%=nowPage%>">
<input type="hidden" name="keyField" value="<%=keyField%>">
237
238
239
              <input type="hidden" name="keyWord" value="<%=keyWord%>">
240
           </form>
241
       </div>
242 </body>
243 </html>
```

## list.jsp