

예외처리 TTT TTT 헛갈림

```

public void fileReader() throws IOException {
    try {
        in = new FileReader("count.txt");
        in.close();
    } catch (FileNotFoundException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
}

```

(ex) counter _ useBean 예제

작성문 ② → ①

counterFile.jsp CounterBean.java

```

counterFile.jsp
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2   pageEncoding="UTF-8"%>
3 <jsp:useBean id="count" class="ch07.CounterBean" scope="page" />
4 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w
5 <html>
6 <head>
7 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
8 <title>Count</title>
9 </head>
10 <body>
11 <%
12   int countNum = count.getCountNum();
13
14   if(countNum==0){
15     out.println("환영합니다!!<br>");
16     countNum = 1;
17   } else {
18     out.println("환영합니다!!<br>");
19     countNum +=1 ;
20   }
21
22   count.setCountNum(countNum);
23
24   String stringCount = Integer.toString(countNum);
25   char[] charCount = stringCount.toCharArray();
26
27   for(int i=0; i<charCount.length;i++){
28 %>
29 <img src = "../images/<%=charCount[i] %>.jpg" width = 100 height = 100>
30 <% }
31 %>
32
33 </body>
34 </html>

```

```

counterFile.jsp    CounterBean.java
1 package ch07;
2
3 import java.io.*;
4
5 public class CounterBean {
6
7   private int CountNum = 0;
8

```

```

5 public class CounterBean {
6
7     private int CountNum = 0;
8
9     FileReader in = null;
10    FileWriter out = null;
11
12    /**
13     * @return the countNum
14     * @throws IOException
15     */
16    public int getCountNum() throws IOException {
17        this.fileReader();
18        return CountNum;
19    }
20
21    /**
22     * @param countNum the countNum to set
23     */
24    public void setCountNum(int countNum) {
25        CountNum = countNum;
26        this.fileWriter();
27    }
28
29    public void fileWriter() {
30        try {
31            out = new FileWriter("count.txt");
32            out.write(CountNum);
33            out.close();
34        } catch (IOException e) {
35            e.printStackTrace();
36        }
37    }
38
39    public void fileReader() throws IOException {
40        try {
41            in = new FileReader("count.txt");
42            int number = 0;
43            while((number = in.read()) != -1) {
44                CountNum = number;
45            }
46            in.close();
47        } catch (FileNotFoundException e) {
48            e.printStackTrace();
49        }
50    }
51 }
52
53

```

같은 파일을 읽고/쓸 때에는 파일을 꼭 닫아야해용

그런데 이것을 절대경로로 바꿔주기위해 count.txt를 만들고 다시 시작하니까 이상한 오류가 생김.
 웹에서는 숫자가 올라가는데 메모장에서는 이상한 것들이 나옴.
 알고보니 메모장에서는 아스키코드로 찍히고 웹에서는 숫자로 가져왔었음. 이유는 모르겠다.....
 그래서 메모장에 넣고 뱌때 String변환해줘야하는듯???

(ex) search_useBean 예제

```

addr_form.html  addr_add.jsp  addr_list.jsp  addr_search.jsp  AddrManager.java
1 <%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
2 <!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/strict.dtd">
3
4 <jsp:useBean id="addr" class="ch07.AddrBean"/>
5 <jsp:setProperty name="addr" property="*" />
6 <jsp:useBean id="am" class="ch07.AddrManager" scope="application"/>
7 <%
8     request.setCharacterEncoding("UTF-8");
9     AddrBean ab = am.searchAddr(request.getParameter("username"));
10 %>

```

```

7<%
8    request.setCharacterEncoding("UTF-8");
9    AddrBean ab = am.searchAddr(request.getParameter("username"));
10 %>
11<html>
12<head>
13<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
14<title>ch07 : 주소록 목록</title>
15</head>
16<body>

19
20<H2>주소록</H2>
21
22<HR>
23
24<a href="addr_form.html">주소추가</a><P>
25
26<form method = post action = "addr_search.jsp">
27    검색 :<input type = "text" name = "username">
28    <input type = "submit" value = "검색">
29</form><br>
30
31<table border=1 width=500>
32    <tr><td>이름</td><td>전화번호</td><td>이메일</td><td>성별</td></tr>
33    <tr>
34        <td><%=ab.getUsername() %></td>
35        <td><%=ab.getTel() %></td>
36        <td><%=ab.getEmail() %></td>
37        <td><%=ab.getSex() %></td></tr>
38</table>
39
40</div>
41
42</body>
43</html>

```

addr_form.html addr_add.jsp addr_list.jsp addr_search.jsp AddrManager.java

```

16
17 // 주소록 목록 전달 메서드 1,025,700
18 public List<AddrBean> getAddrList() {
19     return addrlist;
20 }
21
22 public AddrBean searchAddr(String username) {
23     for(AddrBean ab : addrlist) {
24         if(ab.getUsername().equals(username))
25             return ab;
26     }
27     return null;
28 }
29

```

Chapter4. Servlet

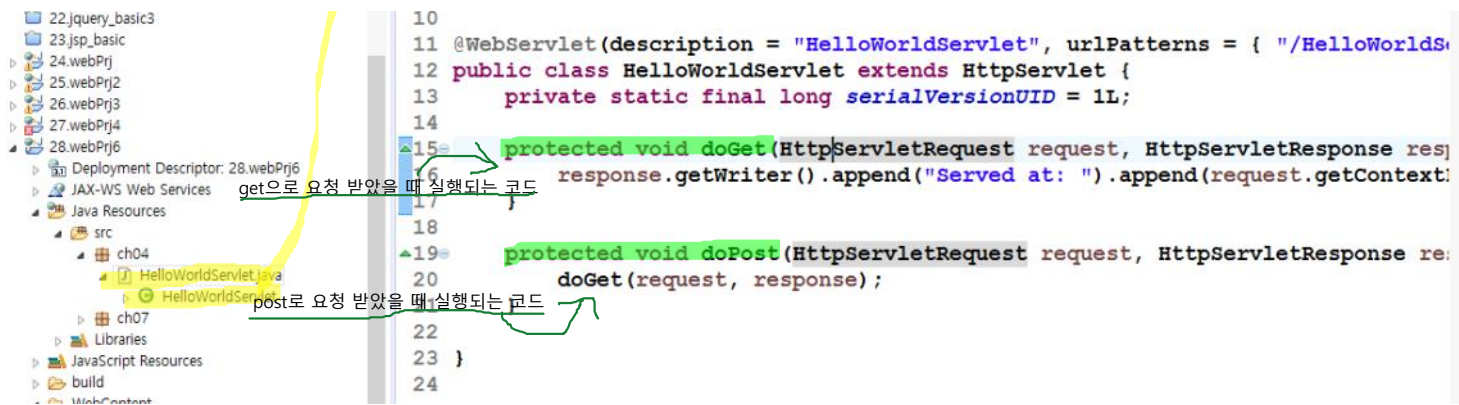
(몰라도 되긴 함)

Project Explorer

```

1 package ch04;
2
3 import java.io.IOException;
4
5
6
7
8
9
10
11 @WebServlet(description = "HelloWorldServlet", urlPatterns = { "/HelloWorldS"
12 public class HelloWorldServlet extends HttpServlet {
13     private static final long serialVersionUID = 1L;

```



(ex) calc_ servlet 예제