

웹 서버 프로그래밍

Assign #기말

(과제명 : 기말고사)

학번 : 2017305039

성명 : 신 동 민

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본인은 타인이나 다른 매체를 도용하지 않았음을 확인합니다. <본인서명>

신동민

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html lang="ko">
<head>
    <meta charset="utf-8">
    <meta name="viewport"
        content="width=device-width, user-scalable=no, initial-scale=1.0,
maximum-scale=1.0, minimum-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
</head>
<body>

<form action="File_Upload_ShinDongMin.jsp" method="post" enctype="multipart/form-data" >
    업로드할 파일을 선택하세요.(post, 텍스트나 폼데이터로 안하면 내용이 안넘어옴)<br>
    파일명: <input type="file" name="upload" multiple="multiple"><br>
    <input type="submit" value="업로드">
</form>

</body>
</html>

```

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
pageEncoding="UTF-8"%>
<%@page import="java.util.*" %>
<%@page import="org.apache.commons.fileupload.FileItem" %>
<%@ page import="org.apache.commons.fileupload.servlet.ServletFileUpload" %>
<%@ page import="org.apache.commons.fileupload.disk.DiskFileItemFactory" %>
<%@ page import="java.io.File" %>
<%@ page import="org.apache.commons.fileupload.FileUploadException" %>

<%
    request.setCharacterEncoding("utf-8");
    String realPath = "";
    String savePath = "UploadFiles";
    String type = "utf-8";
    int maxSize = 100*1024*1024; // 100mb
    ServletContext context = request.getServletContext();
    realPath = context.getRealPath(savePath);

```

```

try {
    DiskFileItemFactory      diskFileItemFactory      =      new
DiskFileItemFactory();

    diskFileItemFactory.setRepository(new File(realPath));
    diskFileItemFactory.setSizeThreshold(maxSize);
    diskFileItemFactory.setDefaultCharset("utf-8");

    ServletFileUpload      fileUpload      =      new
ServletFileUpload(diskFileItemFactory);

    List<FileItem> items = fileUpload.parseRequest(request);
    for (FileItem item : items) {
        if (item.isFormField()) {
            out.print(String.format("파일이 아닙니다.));
        } else {
            if (item.getSize() > 0) {
                String separator = File.separator;
                int      index      =
item.getName().lastIndexOf(separator);

                String      fileName      =
item.getName().substring(index + 1);

                File uploadFile = new File(realPath +
separator + fileName);

                item.write(uploadFile);

                out.print(String.format("파일 명: <a
href=W\"File_Download_ShinDongMin.jsp?fileName=%sW\">%s</a>, 파일 크기: %s bytes <br>",
uploadFile.getName(), uploadFile.getName(), uploadFile.length()));
            }
        }
    }

    }
} catch (FileUploadException e) {
    e.printStackTrace();
} catch (Exception e) {
    e.printStackTrace();
}

%>

```

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ page
    import="com.oreilly.servlet.MultipartRequest,
           com.oreilly.servlet.multipart.DefaultFileRenamePolicy,
           java.io.File"%>
<%@page import="java.util.Enumeration"%>
<%@ page import="java.io.File"%>
<%@ page import="java.io.*"%>
<%@ page import="com.oreilly.servlet.ServletUtils"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">

</head>
<body>
    <%
        request.setCharacterEncoding("utf-8");

        String filename = request.getParameter("fileName");
        String savePath = "/UploadFiles";

        ServletContext context = getServletContext();

        String sDownloadPath = context.getRealPath(savePath);
        String sFilePath = sDownloadPath + "WW" + filename;

        byte[] b = new byte[4096];

        File oFile = new File(sFilePath);

        FileInputStream in = new FileInputStream(sFilePath);

        String sMimeType = getServletContext().getMimeType(sFilePath);

        System.out.println("sMimeType >>" + sMimeType);
```

```
if (sMineType == null) {
    sMineType = "application/octet-stream";
}

response.setContentType(sMineType);

String sEncoding = new String(filename.getBytes("utf-8"), "8859_1");

response.setHeader("Content-Disposition", "attachment; filename=" + sEncoding);

ServletOutputStream out2 = response.getOutputStream();

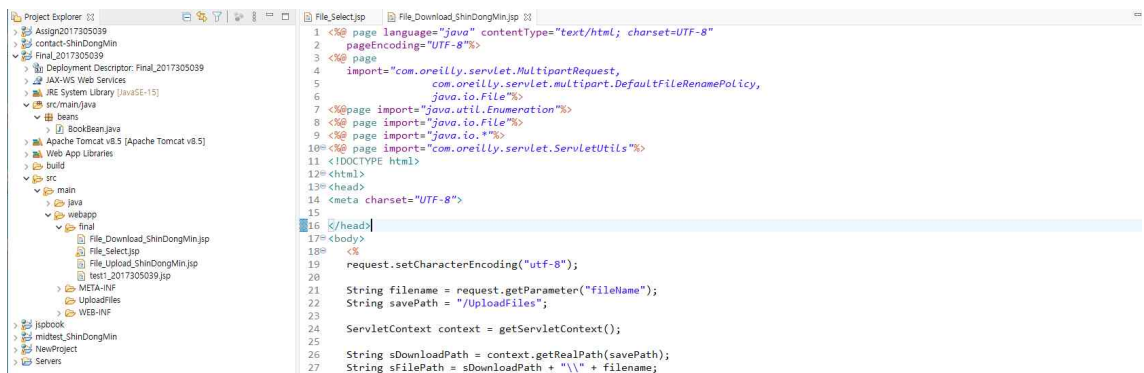
int numRead;

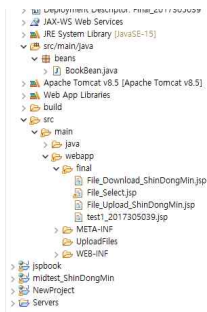
while ((numRead = in.read(b, 0, b.length)) != -1) {
    out2.write(b, 0, numRead);
}

out2.flush();
out2.close();
in.close();
%>

</body>
</html>
```

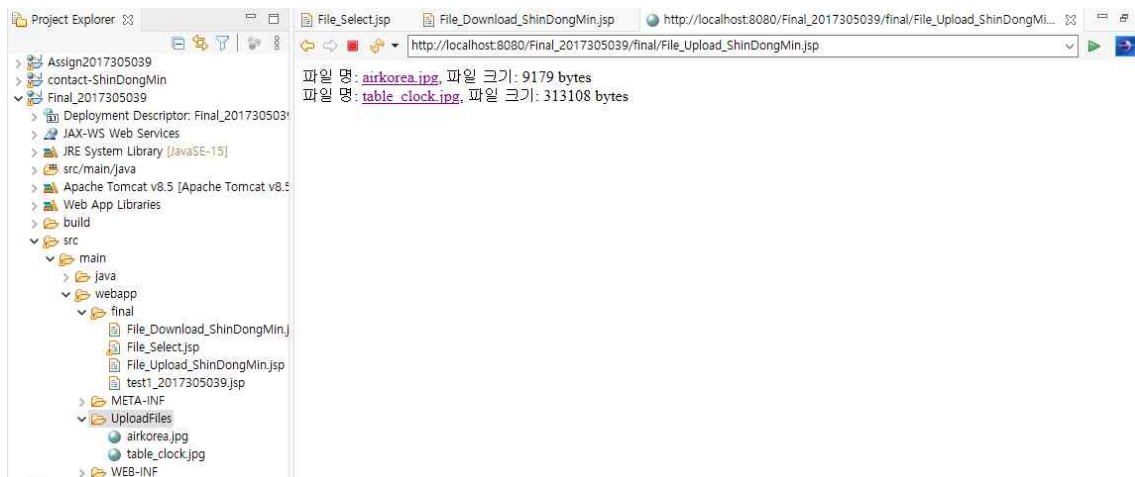
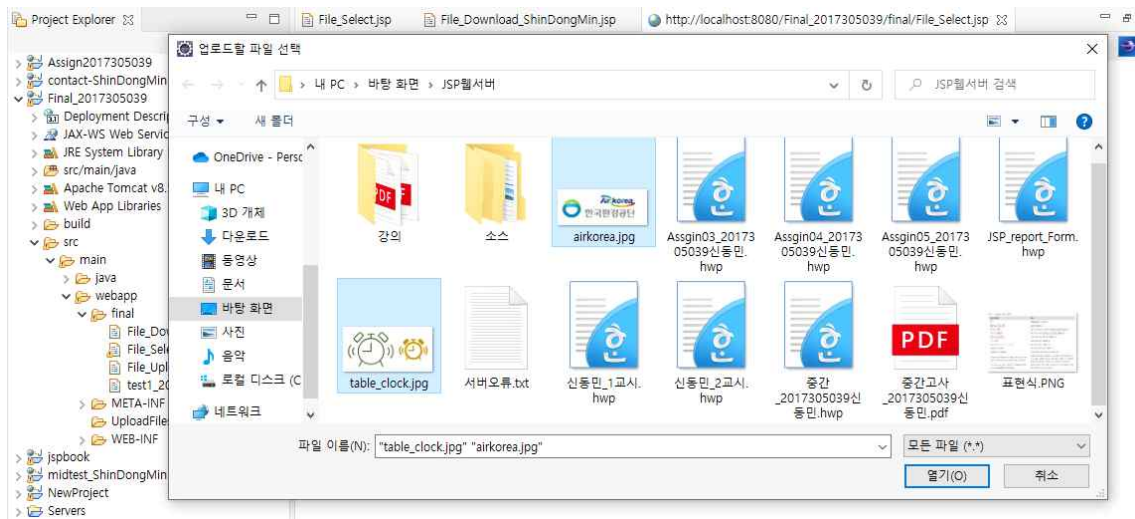
그림 ① <Assign.JSP>





```
28  
29  
30  
31 byte[] b = new byte[4096];  
32  
33 File ofFile = new File(sFilePath);  
34 FileInputStream in = new FileInputStream(sFilePath);  
35  
36 String sMimeType = getServletContext().getMimeType(sFilePath);  
37 System.out.println("sMimeType >>" + sMimeType);  
38  
39 if (sMimeType == null) {  
40     sMimeType = "application/octet-stream";  
41 }  
42  
43 response.setContentType(sMimeType);  
44 String sEncoding = new String(filename.getBytes("utf-8"), "8859_1");  
45 response.setHeader("Content-Disposition", "attachment; filename=" + sEncoding);  
46 ServletOutputStream out2 = response.getOutputStream();  
47  
48 int numRead;  
49  
50 while ((numRead = in.read(b, 0, b.Length)) != -1) {  
51     out2.write(b, 0, numRead);  
52 }  
53  
54 out2.flush();  
55 out2.close();  
56 in.close();  
57  
58 %>  
59  
60 </body>  
61 </html>
```

그림 ② <Eclipse Capture>



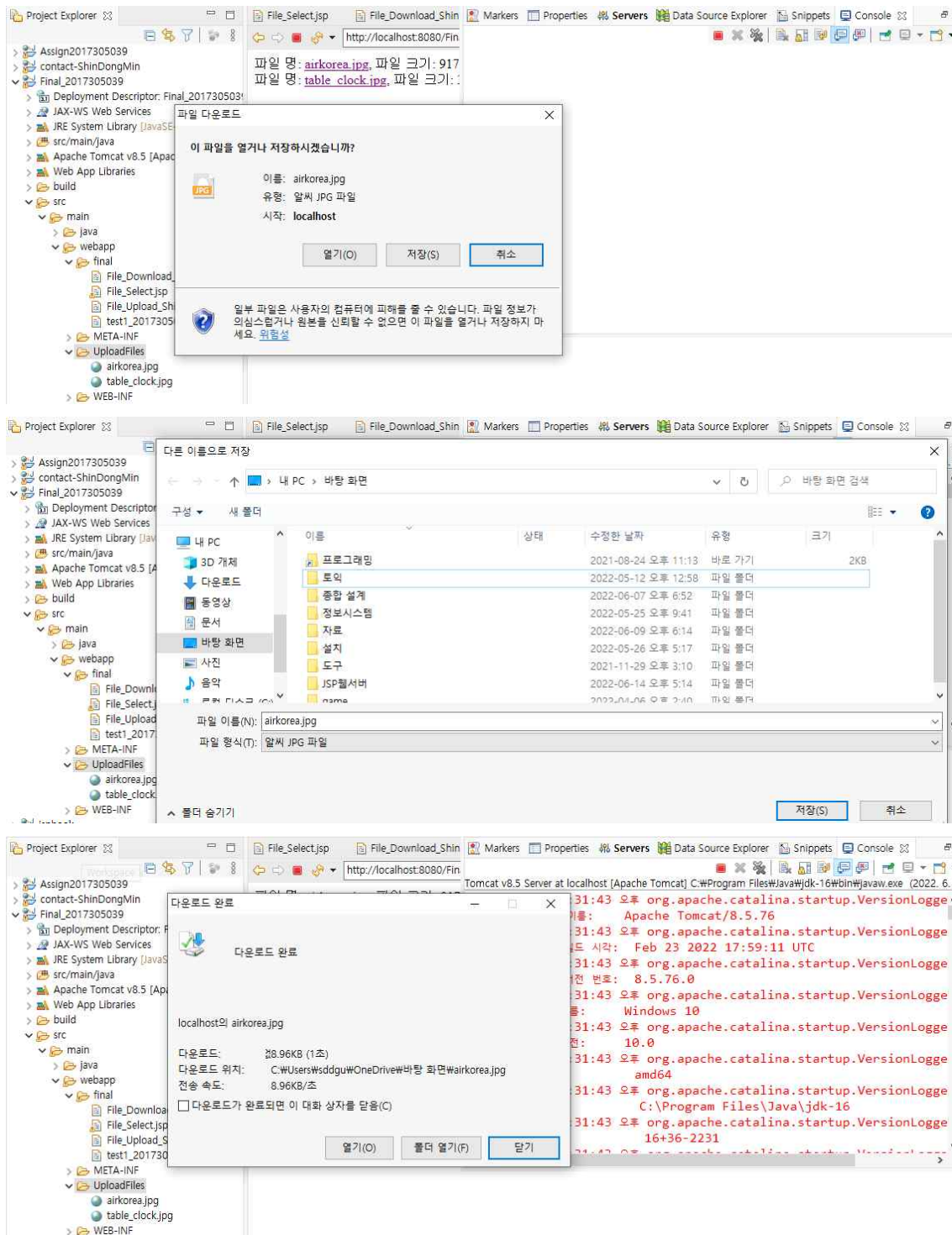


그림 ③ <Browser Capture>