



Day36; 20220819

▼ 강의 번호	Lesson 36
📅 유형	@2022년 8월 19일
📎 자료	
≡ 속성	
☑ 복습	<input type="checkbox"/>
🕒 작성일자	@2022년 8월 19일 오전 9:26

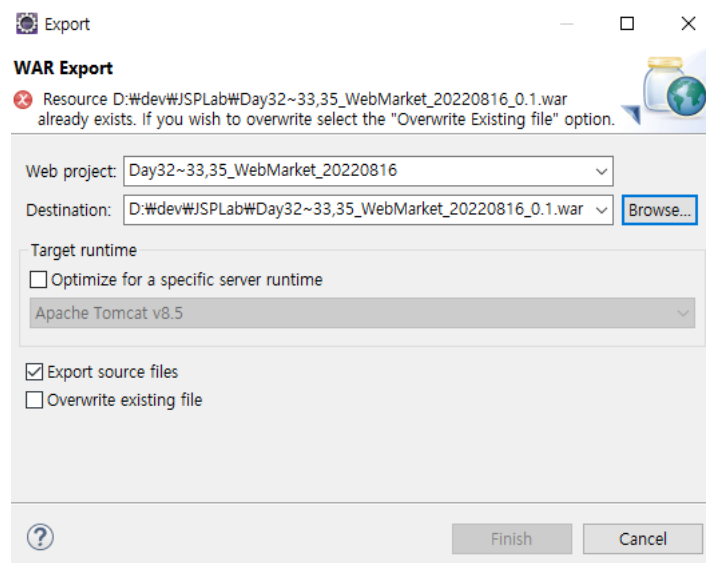
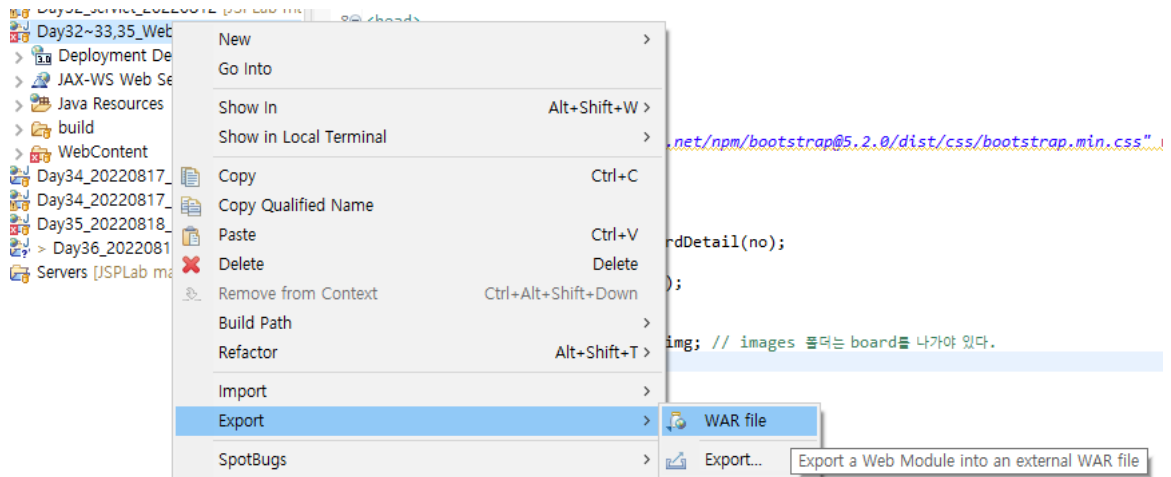
Summernote - Super Simple WYSIWYG editor

Super Simple WYSIWYG Editor on Bootstrap Summernote is a JavaScript library that helps you create WYSIWYG editors online.

<https://summernote.org/>



서버에서 자동 진행되게 만드는 파일 만들기



와르 파일 가지고 서버에 깔면 자동 진행됨.

(카페24, 아마존 등등에)

가끔 안 될 때 서로 파일을 교환해서 서버에 사용가능하다.

Member

memberinputpage.jsp

```
<!-- 자료를 받는 화면 boardinputpage.jsp -->

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<%@ page import="java.util.*" %>

<html>
<head>
<meta charset="UTF-8">
<title>Board_Input</title>

</head>
<body>
<!-- CSS only -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-gH2yIJqKdNHPEq
```

```

<%@ include file = "../header.jsp" %>

<div class="alert alert-secondary" role="alert">
<div class="container">
  <h1 class = "display-3">Member</h1>
</div>
</div>

<div class="container">
<form action="memberinput.jsp" method="post" enctype="multipart/form-data">

  <div class="form-group row">
    <label class="col-sm-2">이름</label>
    <div class="col-sm-3">
      <textarea name="mname" rows="1" cols="40" class="form-control" placeholder="제목을 입력하세요"></textarea>
    </div>
  </div>

  <div class="form-group row">
    <label class="col-sm-2">전화번호</label>
    <div class="col-sm-3">
      <textarea name="mtel" rows="1" cols="20" class="form-control" placeholder="내용을 입력하세요"></textarea>
    </div>
  </div>

  <div class="form-group row">
    <div class="col-sm-5">
      <input type="file" name="image" class="form-control" id="inputGroupFile04" aria-describedby="inputGroupFileAddon04" aria-label="">
    </div>
  </div>

  <div class="form-group row">
    <div class="col-sm-offset-2 col-sm-10">
      <input type="submit" class="btn btn-primary" value="등록">
      <input type="reset" class="btn btn-danger" value="취소" onclick="reset()">
    </div>
  </div>

</form>
</div>

<%@ include file = "../footer.jsp" %>

<!-- JavaScript Bundle with Popper -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/js/bootstrap.bundle.min.js" integrity="sha384-A3rJD856KowSb7dwlZdYEk039"

</body>
</html>

```

Home

Member

이름

제목을 입력하세요

전화번호

내용을 입력하세요

파일 선택

선택된 파일 없음

등록

취소

memberinput.jsp

```
<%@page import="db.*"%>
<%@page import="util.*"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>

<%@ page import="org.apache.commons.fileupload.*" %>
<%@ page import="org.apache.commons.fileupload.disk.*" %>
<%@ page import="org.apache.commons.fileupload.servlet.*" %>

<%@ page import="java.util.*" %>

<%
    String mname = null;
    String mtel = null;
    String miname = null;
    byte[] mifile = null;

    ServletFileUpload sfu = new ServletFileUpload(new DiskFileItemFactory());

    List items = sfu.parseRequest(request);

    Iterator iter = items.iterator();

    while(iter.hasNext()){
        FileItem item = (FileItem) iter.next();
        String name = item.getFieldName(); //키값 즉 이름을 추출

        if(item.isFormField()) {
            //제목,내용 등 사진을 제외한 나머지 항목들을 차례대로 추출
            String value = item.getString("utf-8");
            if (name.equals("mname")) mname = value;
            else if (name.equals("mtel")) mtel = value;

        } else {
            //사진에 관련된 즉 사진이름과 사진파일 추출
            if (name.equals("image")) {
                miname = item.getName();
                mifile = item.get();

                String root = application.getRealPath(java.io.File.separator);
                FileUtil.saveImage(root,miname,mifile);

            }
        }

        DAOmember.memberinsert(mname, mtel, miname);

        response.sendRedirect("memberlist.jsp");
    %>
```

memberlist.jsp

```
<%@page import="db.*"%>
<%@page import="java.util.*"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<%@ include file = "../header.jsp" %>

<div class="alert alert-secondary" role="alert">
<div class="container">
    <h1 class = "display-3">Member List</h1>
</div>
</div>
<div class="container w-70">
<table class="table table-hover table-primary">
    <thead>
        <tr>
```

```

        <th scope="col">#</th>
        <th scope="col">Name</th>
        <th scope="col">Tel</th>
        <th scope="col">Image</th>
    </tr>
</thead>
<tbody>

<%
    ArrayList<DTOMember> files = DAOmember.memberList();

    for (DTOMember file : files) {
%>

        <tr>
            <th scope="row"><%=file.getMno() %></th>
            <td> <a href="memberdetail.jsp?no=<%=file.getMno() %>"><%=file.getMname() %></a></td>
            <td> <a href="memberdetail.jsp?no=<%=file.getMno() %>"><%=file.getMtel() %></a></td>
            <td class="fixed-end "><a href="memberdetail.jsp?no=<%=file.getMno() %>"><img class="rounded float-end" style="width: 40px; " sr
        </tr>
    <%
    }
%>

</tbody>
</table>
</div>

<br>


<div align="center" class="row justify-content-center d-grid gap-2 col-6 mx-auto">

    <a class="btn btn-primary" href="memberinputpage.jsp">사진 등록</a>
</div>

<%@ include file = "../footer.jsp" %>

</body>
</html>

```

Home			
Member List			
#	Name	Tel	Image
10	asdf	1324	

[사진 등록](#)

memberdetail.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ page import = "db.*" %>
<%@ page import = "java.sql.*" %>

<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Detail</title>
</head>
<body>
<!-- CSS only -->

```

```

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-gH2yIJqKdNHPEq
<%
String no = request.getParameter("no");

DTOmember file = DAOmember.memberDetail(no);

String img = file.getMname();
String imgstr = "";
if (img != null) {
    imgstr = "../images/" + img; // images 폴더는 member를 나가야 있다.
}
%>



<br><br>
<%=file.getMno()%>
<%=file.getMname()%>
<%=file.getMtel()%>

<%=file.getMdate()%>

<br><br>
<div class="d-grid gap-2 col-6 mx-auto">
<a class="btn btn-primary" href="memberlist.jsp" target="_blank" role="button">목록</a>
<a class="btn btn-secondary" href="memberinputpage.jsp" target="_blank" role="button">사진 등록</a>
</div>
</body>
</html>

```



10 asdf 1324 2022-08-19 10:33:17

목록

사진 등록

Board

boardinputpage.jsp

```

<!-- 자료를 받는 화면 boardinputpage.jsp -->

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<%@ page import="java.util.*" %>

<html>
<head>
<meta charset="UTF-8">
<title>Board_Input</title>

</head>
<body>
<!-- CSS only -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-gH2yIJqKdNHPEq
<%@ include file = "../header.jsp" %>

<div class="alert alert-secondary" role="alert">
<div class="container">

```

```

<h1 class = "display-3">Board</h1>
</div>
</div>

<div class="container">
<form action="boardinput.jsp" method="post" enctype="multipart/form-data">

  <div class="form-group row">
    <label class="col-sm-2">Title</label>
    <div class="col-sm-3">
      <textarea name="title" rows="1" cols="40" class="form-control" placeholder="제목을 입력하세요"></textarea>
    </div>
  </div>

  <div class="form-group row">
    <label class="col-sm-2">Content</label>
    <div class="col-sm-3">
      <textarea name="Content" rows="3" cols="40" class="form-control" placeholder="내용을 입력하세요"></textarea>
    </div>
  </div>

  <div class="form-group row">
    <div class="col-sm-5">
      <input type="file" name="image" class="form-control" id="inputGroupFile04" aria-describedby="inputGroupFileAddon04" aria-label="File input">
    </div>
  </div>

  <div class="form-group row">
    <div class="col-sm-offset-2 col-sm-10">
      <input type="submit" class="btn btn-primary" value="등록">
      <input type="reset" class="btn btn-danger" value="취소" onclick="reset()">
    </div>
  </div>

</form>
</div>

<%@ include file = "../footer.jsp" %>

<!-- JavaScript Bundle with Popper -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/js/bootstrap.bundle.min.js" integrity="sha384-A3rJD856KowSb7dwlZdYEk039" crossorigin="anonymous"></script>
</body>
</html>

```

boardinput.jsp

```

<%@page import="db.*"%>
<%@page import="util.*"%>

```

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>

<%@ page import="org.apache.commons.fileupload.*" %>
<%@ page import="org.apache.commons.fileupload.disk.*" %>
<%@ page import="org.apache.commons.fileupload.servlet.*" %>

<%@ page import="java.util.*" %>

<%
    String title = null;
    String content = null;
    String iname = null;
    byte[] ifile = null;

    ServletFileUpload sfu = new ServletFileUpload(new DiskFileItemFactory());

    List items = sfu.parseRequest(request);

    Iterator iter = items.iterator();

    while(iter.hasNext()){
        FileItem item = (FileItem) iter.next();
        String name = item.getFieldName(); //키값 즉 이름을 추출

        if(item.isFormField()) {
            //제목,내용 등 사진을 제외한 나머지 항목들을 차례대로 추출
            String value = item.getString("utf-8");
            if (name.equals("title")) title = value;
            else if (name.equals("content")) content = value;

        } else {
            //사진에 관련된 즉 사진이름과 사진파일 추출
            if (name.equals("image")) {
                iname = item.getName();
                ifile = item.get();

                String root = application.getRealPath(java.io.File.separator);
                FileUtil.saveImage(root,iname,ifile);

            }
        }

        DAOmember.boardinsert(title, content, iname);

        response.sendRedirect("boardlist.jsp");
    %>

```

boardlist.jsp

```

<%@page import="db.*"%>
<%@page import="java.util.*"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<%@ include file = "../header.jsp" %>

<div class="alert alert-secondary" role="alert">
<div class="container">
    <h1 class = "display-3">Board List</h1>
</div>
</div>
<div class="container w-70">
<table class="table table-hover table-primary">
    <thead>
        <tr>
            <th scope="col">#</th>
            <th scope="col">Title</th>
            <th scope="col">Content</th>
        </tr>
    </thead>
    <tbody>

```



```

<%
    ArrayList<DTOMember> files = DAOmember.boardList();

    for (DTOMember file : files) {
%>

        <tr>
            <th scope="row"><%=file.getBid()%></th>
            <td> <a href="boarddetail.jsp?no=<%=file.getBid()%>"><%=file.getTitle()%></a></td>
            <td> <a href="boarddetail.jsp?no=<%=file.getBid()%>"><%=file.getContent()%></a></td>
        </tr>
    <%
    }
%>

</tbody>
</table>
</div>

<br>

<div align="center" class="row justify-content-center d-grid gap-2 col-6 mx-auto">

    <a class="btn btn-primary" href="boardinputpage.jsp">사진 등록</a>
</div>

<%@ include file = "../footer.jsp" %>

</body>
</html>

```

Home

Board List

#	Title	Content
1	1	null
2	asdfasdf	null
3	1	null
18	2	null
19	asdf	asdfas

사진 등록

boarddetail.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ page import = "db.*" %>
<%@ page import = "java.sql.*" %>

<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">

```

```

<title>Insert title here</title>
</head>
<body>
<!-- CSS only -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-gH2yIJqKdNHPEq
<%
String no = "3";

DTObord board = DAOboard.boardDetail(no);

String img = file.getIname();
String imgstr = "";
if (img != null) {
    imgstr = "../images/" + img; // images 폴더는 board를 나가야 있다.
}
%>



<br><br>
<%=file.getBid()%>
<%=file.getTitle()%>
<%=file.getContent()%>

<%=file.getBdate()%>
<br><br>
<div class="d-grid gap-2 col-6 mx-auto">
<a class="btn btn-primary" href="boardlist.jsp" target="_blank" role="button">목록</a>
<a class="btn btn-secondary" href="boardinputpage.jsp" target="_blank" role="button">사진 등록</a>
</div>
</body>
</html>

```

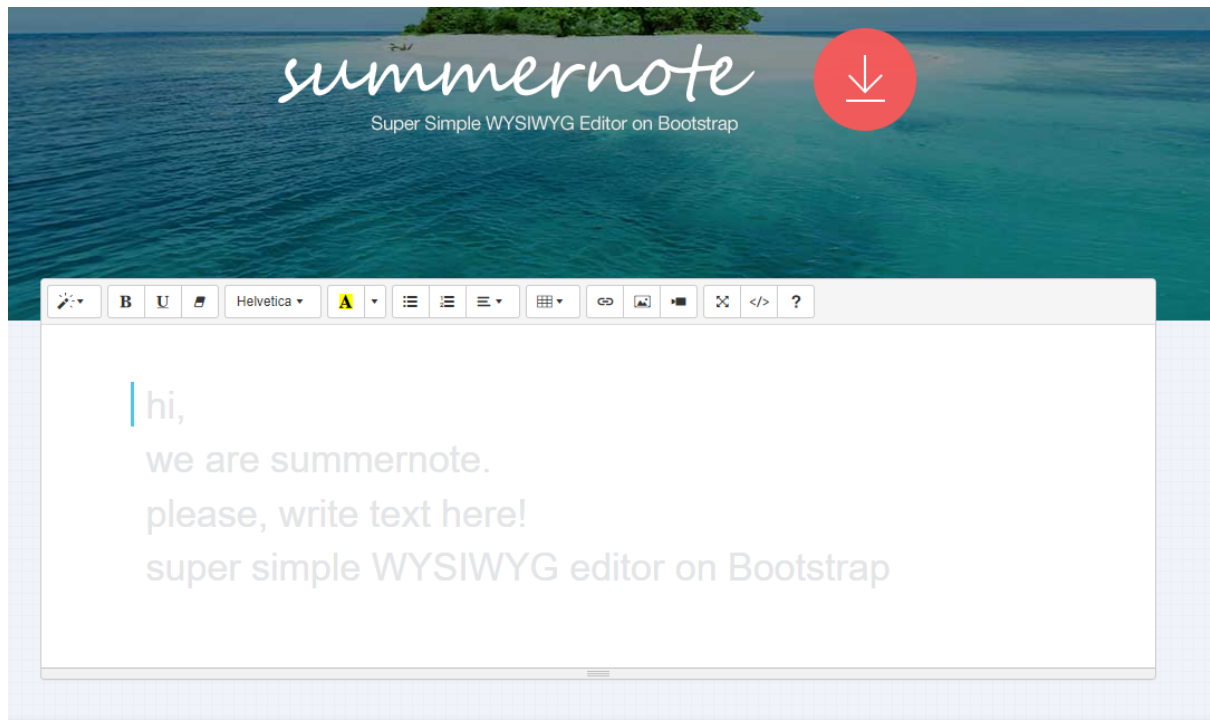


3 1 null 2022-08-18 15:54:17

목록

사진 등록

Product



summernote를 productinputpage에 넣어보자.

```
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet" href="//cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" />
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<!-- 서머노트를 위해 추가해야할 부분 -->
<script src="${pageContext.request.contextPath}/resource/summernote/summernote-lite.js"></script>
<script src="${pageContext.request.contextPath}/resource/summernote/lang/summernote-ko-KR.js"></script>
<link rel="stylesheet" href="${pageContext.request.contextPath}/resource/summernote/summernote-lite.css">
<!-- -->
</head>
```

```
<body>
<div class="container">
  <textarea class="summernote" name="pdesc"></textarea>
</div>
<script>
$(function(){
  height: 150,
  lang: "ko-KR"
});
</script>
</body>
```

productinputpage.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ page import ="java.util.Date" %>
<%@ page import ="java.time.*" %>

<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>

<!-- <nav class="navbar navbar-dark bg-dark">
<div class="container">
    <div class="navbar-header">
        <a class="navbar-brand" href="welcome.jsp">Home</a>
    </div>
</div>

</nav>

-->
<%@ include file="header.jsp" %>

<div class="alert alert-secondary" role="alert">
<div class="container">

    <h1 class = "display-3">
        제품 등록
    </h1>
</div>
</div>

<div class="container">
<form action="productinput.jsp" method="post" enctype="multipart/form-data">

    <div class="form-group row">
        <label class="col-sm-2">제품ID</label>
        <div class="col-sm-3">
            <input name="pid" type="text" class="form-control" placeholder="제품 아이디를 입력하세요">
        </div>
    </div>

    <div class="form-group row">
        <label class="col-sm-2">제품명</label>
        <div class="col-sm-3">
            <input name="pname" type="text" class="form-control" placeholder="제품명을 입력하세요">
        </div>
    </div>

    <div class="form-group row">
        <label class="col-sm-2">제품설명</label>
        <div class="col-sm-3">
            <textarea name="pdesc" rows="5" cols="20" class="form-control" placeholder="제품설명을 입력하세요"></textarea>
        </div>
    </div>

    <div class="form-group row">
        <label class="col-sm-2">제품가격</label>
        <div class="col-sm-3">
            <input name="pprice" type="text" class="form-control" placeholder="제품 가격을 입력하세요">
        </div>
    </div>

    <div class="form-group row">
        <div class="col-sm-5">
            <input type="file" name="image" class="form-control" id="inputGroupFile02">
        </div>
    </div>

    <div class="form-group row">
        <div class="col-sm-offset-2 col-sm-10">
            <input type="submit" class="btn btn-primary" value="등록">
            <input type="reset" class="btn btn-danger" value="취소" onclick="reset()">
        </div>
    </div>

</div>

</form>

</div>

```

```
<!-- <footer class="container">
  <p> &copy; Austin Yoon</p>
</footer> -->

<%@ include file="footer.jsp" %>

</body>
</html>
```

Home

제품 등록

제품ID

제품 아이디를 입력

제품명

제품명을 입력하세요

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제품가격

제품 가격을 입력하세요

파일 선택

선택된 파일 없음

파일 선택

선택된 파일 없음

파일 선택

선택된 파일 없음

등록

취소

productinput.jsp

```
<%@page import="db.*"%>
<%@page import="util.*"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>

<%@ page import="org.apache.commons.fileupload.*" %>
<%@ page import="org.apache.commons.fileupload.disk.*" %>
<%@ page import="org.apache.commons.fileupload.servlet.*" %>

<%@ page import="java.util.*" %>

<%

    String pid = null;
    String pname = null;
    String pdesc = null;
    String pprice = null;
    String pimagename = null;
    byte[] pimagefile = null;
```

```

ServletFileUpload sfu = new ServletFileUpload(new DiskFileItemFactory());

List items = sfu.parseRequest(request);

Iterator iter = items.iterator();

while(iter.hasNext()){
    FileItem item = (FileItem) iter.next();
    String name = item.getFieldName(); //키값 즉 이름을 추출

    if(item.isFormField()) {
        //제목,내용 등 사진을 제외한 나머지 항목들을 차례대로 추출
        String value = item.getString("utf-8");
        if (name.equals("pid")) pid = value;
        else if (name.equals("pname")) pname = value;
        else if (name.equals("pdesc")) pdesc = value;
        else if (name.equals("pprice")) pprice = value;

    } else {
        //사진에 관련된 즉 사진이름과 사진파일 추출
        if (name.equals("image")) {
            pimagefilename = item.getName();
            pimagefile = item.get();

            String root = application.getRealPath(java.io.File.separator);
            FileUtil.saveImage(root,pimagefilename,pimagefile);

        }
    }
}

DAOproduct.productinsert(pid, pname, pdesc, pprice, pimagefilename);
response.sendRedirect("products.jsp");
%>

```

DAOproduct - productinsert() 매서드

```

public static int productinsert(String pid,String pname,String pdesc,String pprice,String pfilename) throws NamingException, SQLException

    Connection conn = null;
    PreparedStatement stmt = null;
    int result = 0;

    String sql = "INSERT INTO product (pid, pname, pdesc, pprice, pfilename) VALUES(?,?,?,?,?)";
    //Connection Pool 이용
    conn= ConnectionPool.get();

    stmt = conn.prepareStatement(sql);
    stmt.setString(1, pid);
    stmt.setString(2, pname);
    stmt.setString(3, pdesc);
    stmt.setString(4, pprice);
    stmt.setString(5, pfilename);

    result = stmt.executeUpdate();
    // 결과가 성공1 과 실패 0으로 넘어 온다.

    return result;
}

```

productlist.jsp

```

<%@page import="db.*"%>
<%@page import="java.util.*"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<%@ include file = "../header.jsp" %>

<div class="alert alert-secondary" role="alert">

```

```

<div class="container">
  <h1 class = "display-3">product List</h1>
</div>
</div>
<div class="container w-70">
<table class="table table-hover table-primary">
  <thead>
    <tr>
      <th scope="col">pid</th>
      <th scope="col">pname</th>
      <th scope="col">pdesc</th>
      <th scope="col">pprice</th>
      <th scope="col">pfilename1</th>
      <th scope="col">pfilename2</th>
      <th scope="col">pfilename3</th>
    </tr>
  </thead>
  <tbody>

    <%
      ArrayList<DT0product> files = DA0product.productList();

      for (DT0product file : files) {
    %>

    <tr>
      <th scope="row"><%=file.getPid()%></th>
      <td> <a href="productdetail.jsp?no=<%=file.getPid()%>"><%=file.getPname()%></a></td>
      <td> <a href="productdetail.jsp?no=<%=file.getPid()%>"><%=file.getPdesc()%></a></td>
      <td> <a href="productdetail.jsp?no=<%=file.getPid()%>"><%=file.getPprice()%></a></td>
      <td class="fixed-end "><a href="productdetail.jsp?no=<%=file.getPid()%>">
      </a></td>
      <td class="fixed-end "><a href="productdetail.jsp?no=<%=file.getPid()%>">
      </a></td>
      <td class="fixed-end "><a href="productdetail.jsp?no=<%=file.getPid()%>">
      </a></td>

    </tr>
    <%
      }
    %>

  </tbody>
</table>
</div>

<br>

<div align="center" class="row justify-content-center d-grid gap-2 col-6 mx-auto">

  <a class="btn btn-primary" href="productinputpage.jsp">사진 등록</a>
</div>

<%@ include file = "../footer.jsp" %>

</body>
</html>

```

product List

pid	pname	pdesc	pprice	pfilename1	pfilename2	pfilename3
1	asdf	asdf	1234			
2	asdf	asdfasdf	1234			
3	<p>asdfasdfasdf</p> <p>asdfasdfasdf</p> <p>asdfasdfasdfasdfasdfasdfasdfasdfasdfasdfasdfasdfasdfasdfasdf</p> <p>asdfasdfasdfasdfasdfasdfasdfasdfasdfasdfasdfasdf</p> <p>sdfasdfasdfasdfasdfasdfasdf</p> 					

사진 등록

© Yongki Min

productdetail.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ page import = "db.*" %>
<%@ page import = "java.sql.*" %>

<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Detail</title>
</head>
<body>
<!-- CSS only -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-gH2yIJqKdNHPEq"

<%
    String no = request.getParameter("no");

    DTOproduct file = DAOproduct.productDetail(no);

    String img1 = file.getPfilename1();
    String imgstr1 = "";
    if (img1 != null) {
        imgstr1 = "images/" + img1; // images 폴더는 product를 나가야 있다.
    }

    String img2 = file.getPfilename2();
    String imgstr2 = "";
    if (img2 != null) {
        imgstr2 = "images/" + img2; // images 폴더는 product를 나가야 있다.
    }

```


%>

```
<br><br>
<%=file.getPid()%>
<%=file.getPname()%>
<%=file.getPdesc()%>
<%=file.getPpprice()%>
```

```
<br><br>
<div class="d-grid gap-2 col-6 mx-auto">
<a class="btn btn-primary" href="productlist.jsp" target="_blank" role="button">목록</a>
<a class="btn btn-secondary" href="productinputpage.jsp" target="_blank" role="button">사진 등록</a>
</div>
</body>
</html>
```



asdfasdfasdf

asdfasdfasdfasdfasdfasdfasdfasdfasdfasdfasdfasdf asdfasdfasdf

sdfasdfasdfasdfasdfasdfasdfasdf



사진 등록

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DAOproduct.java

```
package db;

import java.sql.*;
import java.util.ArrayList;

import javax.naming.NamingException;

import util.*;

public class DAOproduct {
    // C create R read U update D delete
    //회원 가입처리 (=데이터베이스에 데이터 넣기)
    public static int productinsert(String pid, String pname, String pdesc, String pprice, String pfilename1, String pfilename2, String

        Connection conn = null;
        PreparedStatement stmt = null;
        try {

            String sql = "INSERT INTO product(pid, pname, pdesc, pprice, pfilename1, pfilename2, pfilename3) VALUES(?,?,?,?,?,?,?)";
            //Connectionpool 이용
            conn = ConnectionPool.get();

            stmt = conn.prepareStatement(sql);
            stmt.setString(1, pid);
            stmt.setString(2, pname);
            stmt.setString(3, pdesc);
            stmt.setString(4, pprice);
            stmt.setString(5, pfilename1);
            stmt.setString(6, pfilename2);
            stmt.setString(7, pfilename3);

            int result = stmt.executeUpdate();
            //결과가 성공시 1, 실패시 2로 넘어온다.
            return result;
        } finally {
            stmt.close();
            conn.close();
        }
    }

    public static ArrayList<DTOproduct> productList() throws NamingException, SQLException{
        Connection conn = null;
        PreparedStatement stmt = null;
        ResultSet rs = null;

        String sql = "SELECT * FROM product";

        conn = ConnectionPool.get();
        stmt = conn.prepareStatement(sql);
        rs = stmt.executeQuery();

        ArrayList<DTOproduct> files = new ArrayList<DTOproduct>();

        while(rs.next()) {
            files.add(new DTOproduct(rs.getString(1),
                                    rs.getString(2),
                                    rs.getString(3),
                                    rs.getString(4),
                                    rs.getString(5),
                                    rs.getString(6),
                                    rs.getString(7)));
        }
        return files;
    }

    public static DTOproduct productDetail(String pid) throws NamingException, SQLException {
        Connection conn = null;
        PreparedStatement stmt = null;
        ResultSet rs = null;

        String sql = "SELECT * FROM product WHERE pid=? ";
        conn= ConnectionPool.get();
        stmt = conn.prepareStatement(sql);
        stmt.setString(1, pid);
        rs = stmt.executeQuery();

        rs.next();

        pid = rs.getString(1);
        String pname = rs.getString(2);
        String pdesc = rs.getString(3);
        String pprice = rs.getString(4);
        String pfilename1 = rs.getString(5);
```

```

        String pfilename2 = rs.getString(6);
        String pfilename3 = rs.getString(7);

        DTOproduct file = new DTOproduct(pid, pname, pdesc, pprice, pfilename1, pfilename2, pfilename3);

        return file;
    }
}

```

DTOproduct.java

```

package db;

public class DTOproduct {

    private String pid;
    private String pname;
    private String pdesc;
    private String pprice;
    private String pfilename1;
    private String pfilename2;
    private String pfilename3;

    public String getPid() {
        return pid;
    }
    public void setPid(String pid) {
        this.pid = pid;
    }
    public String getPname() {
        return pname;
    }
    public void setPname(String pname) {
        this.pname = pname;
    }
    public String getPdesc() {
        return pdesc;
    }
    public void setPdesc(String pdesc) {
        this.pdesc = pdesc;
    }
    public String getPprice() {
        return pprice;
    }
    public void setPprice(String pprice) {
        this.pprice = pprice;
    }
    public String getPfilename1() {
        return pfilename1;
    }
    public void setPfilename1(String pfilename1) {
        this.pfilename1 = pfilename1;
    }
    public String getPfilename2() {
        return pfilename2;
    }
    public void setPfilename2(String pfilename2) {
        this.pfilename2 = pfilename2;
    }
    public String getPfilename3() {
        return pfilename3;
    }
    public void setPfilename3(String pfilename3) {
        this.pfilename3 = pfilename3;
    }

    public DTOproduct(String pid, String pname, String pdesc, String pprice, String pfilename1, String pfilename2,
        String pfilename3) {
        super();
        this.pid = pid;
        this.pname = pname;
        this.pdesc = pdesc;
    }
}

```

```
        this.pprice = pprice;
        this.pfilename1 = pfilename1;
        this.pfilename2 = pfilename2;
        this.pfilename3 = pfilename3;
    }

}
```
