

홍민준

导郊



⊙ 문제 2번. 화면 구현

⊙ 문제 3번. 기능 구현

⊙ 문제 4번. 실행

○ 1 _ 프로젝트 생성 및 구성

⊙ 프로젝트 구조

- ➤ ② > BookStore [JSP main]

 > □ Deployment Descriptor: BookStore

 > △ JAX-WS Web Services

 > □ Java Resources

 > □ build

 ➤ ② > Src

 ➤ ② > main

 > ② > java

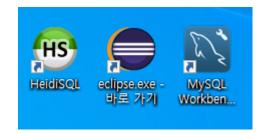
 ➤ ② > webapp
 - → Ø

 → book

 Ø

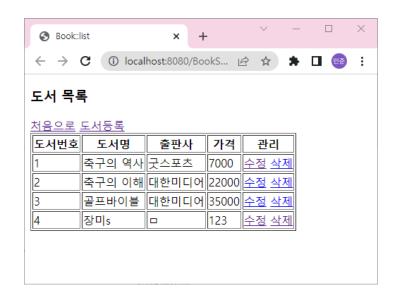
 delete.jsp
 - ist.jsp
 - ig modify.jsp
 - modifyProc.jsp
 - register.jsp
 - 📑 registerProc.jsp
 - - delete.jsp
 - 📑 list.jsp
 - modify.jsp
 - modifyProc.jsp
 - register.jsp
 - registerProc.jsp
 - > 🕞 > META-INF
 - > 🚉 > WEB-INF
 - index.jsp

· 개발도구

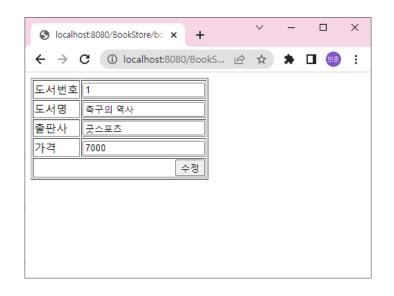


Q 2 - Book 화면 구현

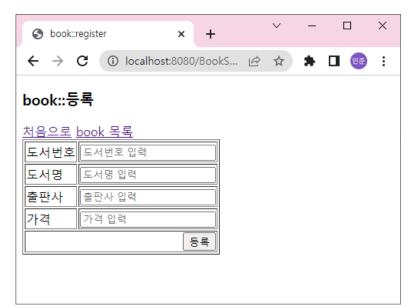
⊙ Book::list 화면



⊙ Book::modify 화면

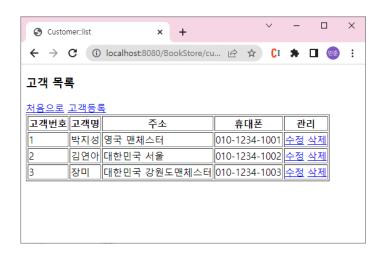


⊙ Book:: register 화면

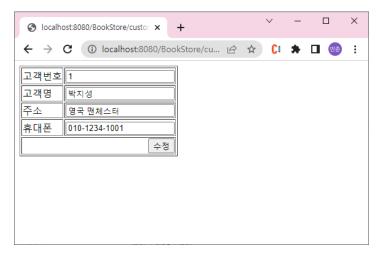


Q 2 - Customer 화면 구현

⊙ customer ::list 화면



⊙ customer ::modify 화면



o customer :: register 화면



Q 3 - book 기능 구현

⊙ book::list 코드

```
request.setCharacterEncoding("utf-8");
                                                          <!DOCTYPE html>
String bno = request.getParameter("bno");
                                                          <html>
BookBean bb = null;
                                                             choods
                                                                <meta charset="UTF-8">
                                                                <title>Book::list</title>
   Connection conn = DBCP.getConnection();
    String sql = "select * from `book` where `bno`=?"
                                                                <h3>도서 목록</h3>
    PreparedStatement psmt = conn.prepareStatement(sql);
                                                                <a href="../index.jsp">처음으로</a>
    psmt.setString(1, bno);
                                                                <a href="./register.jsp">도서등록</a>
                                                                ResultSet rs = psmt.executeQuery();
                                                                       도서명
    if(rs.next()){
                                                                       출판사
       bb = new BookBean();
                                                                       가격
                                                                       관리
       bb.setBno(rs.getInt(1));
       bb.setBname(rs.getString(2));
                                                                   <% for(BookBean bb : users) {%>
       bb.setBpub(rs.getString(3));
        bb.setBpric(rs.getInt(4));
                                                                       <\td><\fu>
                                                                       <\td><\%= bb.getBname() %>
                                                                       <\td><\fd> bb.getBpub() %>
                                                                       <%= bb.getBpric() %>
    rs.close();
    psmt.close();
                                                                          <a href="./modify.jsp?bno=<%= bb.getBno() %>">수정</a>
    conn.close();
                                                                          <a href="./delete.jsp?bno=<%= bb.getBno() %>">삭제</a>
}catch(Exception e){
                                                                   <% } %>
    e.printStackTrace();
                                                                </body>
                                                          </html>
```

⊙ book::modify 코드

</html>

```
List<BookBean> users = new ArrayList<>();
    Connection conn = DBCP.getConnection();
    Statement stmt = conn.createStatement();
    ResultSet rs = stmt.executeQuery("select * from `book`");
    while(rs.next()){
        BookBean bb = new BookBean();
        bb.setBno(rs.getInt(1));
        bb.setBname(rs.getString(2));
        bb.setBpub(rs.getString(3));
        bb.setBpric(rs.getInt(4));
        users.add(bb);
    //5단계
    conn.close();
    stmt.close();
    rs.close();
 catch(Exception e){
    e.printStackTrace();
```

⊙ book::register 코드

```
k%@ page contentType="text/html;charset=UTF-8" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
      <meta charset="UTF-8">
      <title>book::register</title>
   </heads
   <body>
      <h3>book::등록</h3>
      <a href="../index.jsp">처음으로</a>
      <a href="./list.jsp">book 목록</a>
      <form action="./registerProc.jsp" method="post">
         <input type="text" name="bno" placeholder="도서번호 일찍"></input>
                <input type="text" name="bname" placeholder="도서영 일찍"></input>
                 <input type="text" name="bpub" placeholder="출판사 일찍"></input>
             <input type="text" name="bprice" placeholder="가격 일찍"></input>
                <input type="submit" value="多星"></input>
             </form>
   </body>
</html>
```

⊙ book::delete 코드

```
request.setCharacterEncoding("UTF-8");
String bno = request.getParameter("bno");

try{
    Connection conn = DBCP.getConnection();
    String sql = "delete from 'book' where 'bno'=?";
    PreparedStatement psmt = conn.prepareStatement(sql);
    psmt.setString(1, bno);

    psmt.executeUpdate();
    psmt.close();
    conn.close();

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

response.sendRedirect("./list.jsp");
```

Q 3 - customer 기능 구현

⊙ customer::list 코드

```
<!DOCTYPE html>
<%@page import="java.sql.ResultSet"%>
                                                                      <html>
<%@page import="java.sql.Statement"%>
                                                                         <head>
                                                                             <meta charset="UTF-8">
<%@page import="config.DBCP"%>
<%@page import="java.sql.Connection"%>
                                                                             <title>Customer::list</title>
<%@page import="java.util.ArrayList"%>
                                                                          </head>
<%@page import="java.util.List"%>
                                                                          <body>
<%0 page contentType="text/html;charset=UTF-8" pageEncoding="UTF-8"%>
                                                                             <h3>고객 목록</h3>
   List<CustomerBean> users = new ArrayList<>();
                                                                             Connection conn = DBCP.getConnection();
      Statement stmt = conn.createStatement();
                                                                                    >고객변호
      ResultSet rs = stmt.executeQuery("select * from `customer`");
                                                                                    고객명
                                                                                    주소
      while(rs.next()){
                                                                                    휴대포
          CustomerBean cb = new CustomerBean();
                                                                                    관리
          cb.setCustId(rs.getInt(1));
          cb.setCusname(rs.getString(2));
          cb.setCusaddr(rs.getString(3));
          cb.setCushp(rs.getString(4));
          users.add(cb);
      conn.close();
      stmt.close();
      rs.close();
                                                                                 } catch(Exception e){
                                                                                 <% } %>
      e.printStackTrace();
                                                                             </body>
```

⊙ customer::modify 코드

```
<html>
      <form action="./modifyProc.jsp" method="post">
         <table border="1":
               <input type="text" name="custId" value="<%= cb.getCustId() %>"/>
            <input type="text" name="cusname" value="<%= cb.getCusname() %>"/>
            >FAC/td>
               <input type="text" name="cusaddr" value="<%= cb.getCusaddr() %>"/>
            <input type="text" name="cushp" value="<%= cb.getCushp() %>"/>
               <input type="submit" value="수정"/>
            </form>
</html>
```

```
request.setCharacterEncoding("utf-8");
String custId = request.getParameter("custId");
CustomerBean cb = null:
    Connection conn = DBCP.getConnection();
    String sql = "select * from `customer` where `custId`=?";
    PreparedStatement psmt = conn.prepareStatement(sql);
    psmt.setString(1, custId);
    ResultSet rs = psmt.executeQuery();
    if(rs.next()){
        cb = new CustomerBean();
        cb.setCustId(rs.getInt(1));
        cb.setCusname(rs.getString(2));
        cb.setCusaddr(rs.getString(3));
        cb.setCushp(rs.getString(4));
    rs.close();
    psmt.close();
    conn.close();
}catch(Exception e){
    e.printStackTrace();
```

o customer::register 코드

```
<!DOCTYPE html>
<html>
   <head>
      <meta charset="UTF-8">
      <title>customer::register</title>
   <body>
      <h3>customer::등록</h3>
      <a href="../index.jsp">처음으로</a>
      <a href="./list.jsp">customer 목록</a>
      <form action="./registerProc.jsp" method="post">
         >고객번호
               <input type="text" name="cusno" placeholder="고객변호 일찍"></input>
            고객명
               <input type="text" name="cusname" placeholder="卫母學 宣考"></input>
            <input type="text" name="cusaddr" placeholder="주소 일력"></input>
            <input type="text" name="cushp" placeholder="휴대폰 일력"></input>
               <input type="submit" value="54"></input>
         </form>
   </body>
</html>
```

⊙ customer::delete 코드

```
request.setCharacterEncoding("UTF-8");
String custId = request.getParameter("custId");

try{
    Connection conn = DBCP.getConnection();
    String sql = "delete from `customer` where `custId`=?";
    PreparedStatement psmt = conn.prepareStatement(sql);
    psmt.setString(1, custId);
    psmt.executeUpdate();
    psmt.close();
    conn.close();
} catch(Exception e){
        e.printStackTrace();
}
response.sendRedirect("./list.jsp");
```

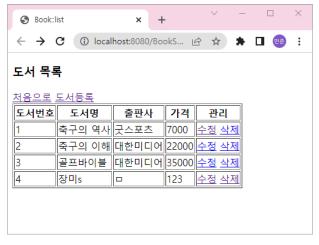
Q 3 - 기능 구현 DBCP 케넥션

```
package config;
import java.sql.Connection;
public class DBCP {
    private static DataSource ds = null;

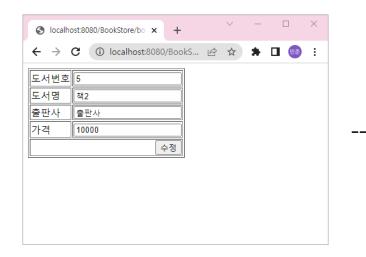
    public static Connection getConnection() throws NamingException, SQLException {
        if(ds == null) {
            ds = (DataSource) new InitialContext().lookup("java:comp/env/dbcp_java1_BookStore");
        }
        return ds.getConnection();
    }
}
```

Q4-book ei

⊙ book::list 동작



⊙ book::modify 동작



⊙ book::register 동작

← → C ① localhost:8080/BookS... 🖻 🏚 🖪 🕮 🗄

||축구의 역사||굿스포츠 ||7000 ||<u>수정</u> <u>삭제</u>

축구의 이해 대한미디어 22000 <u>수정 삭제</u> 골프바이블 대한미디어 35000 <u>수정 삭제</u>

출판사 기격 관리

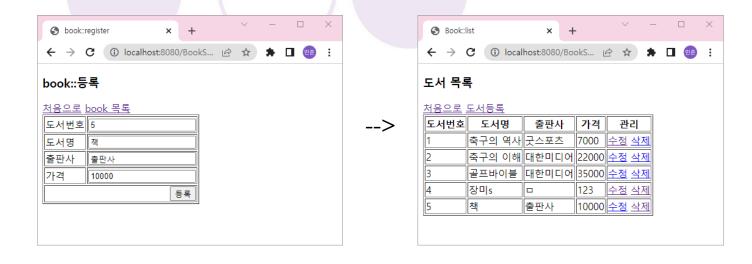
123 <u>수정 삭제</u> 10000 <u>수정</u> 삭제

Book::list

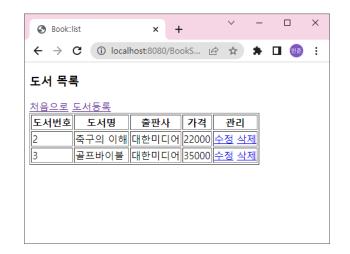
도서 목록

처음으로 도서등록

도서번호 도서명

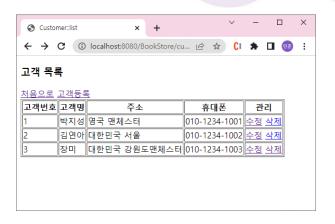


⊙ book::delete 동작

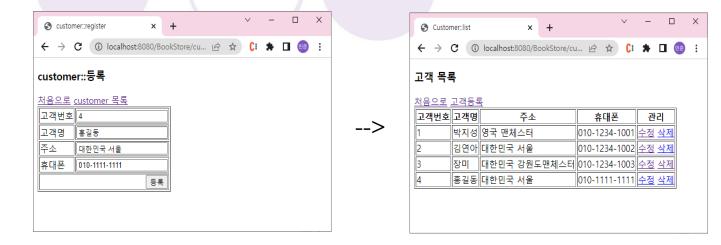


Q4-customer 2

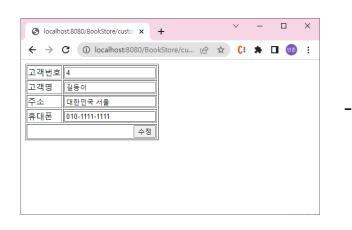
⊙ customer::list 동작

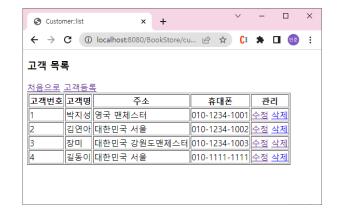


o customer::register 동작



⊙ customer::modify 동작





⊙ customer::delete 동작

