**Java Web开发**

**实验五**

**作业报告**

|  |  |
| --- | --- |
| 学 院 | 计算机 |
| 所在系 班 级 | 2017级工程系8班 |
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| 完 成 时 间 | 2018年4月19 |

# 实验题目

1. 实验目标：

# 购物车

# 二、关键源码（部分）

Login.jsp<%@ **page** language="java" import="java.util.\*" pageEncoding="UTF-8"%>

<%@ **page** import="webtext.\*"%>

<%

String path = request.getContextPath();

String basePath = request.getScheme()+"://"+request.getServerName()+":"+request.getServerPort()+path+"/";

%>

<!**DOCTYPE** HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">

<**html**>

<%

**if**(session.getAttribute("bookList")==**null**)

{

Book[] BookList=**new** Book[4];

BookList[0]=**new** Book("10101","海贼王","img\\10101.jpg",0);

BookList[1]=**new** Book("10102","哆啦A梦","img\\10102.jpg",0);

BookList[2]=**new** Book("10103","数据库概论","img\\10103.jpg",0);

BookList[3]=**new** Book("10104","Java web","img\\10104.jpg",0);

session.setAttribute("bookList", BookList);

session.setAttribute("sum", 0);

}

%>

<**body**>

<**img** src=*"img//cart.jpg"* height=*"60px"* width=*"60px"*>

<**a** href=*"car.view"*>已采购<%=session.getAttribute("sum") %>本书</**a**>

<**br**>

<**table** border=*"1"*>

<%

Book[] bookList=(Book[])session.getAttribute("bookList");

**for**(Book book:bookList)

{

out.println("<tr>");

out.println("<td><img src='"+book.getbookImg()+"'></td>");

out.println("<td><a href='shopping.view?id="+book.getbookID()+"'> 采购此书</a></td>");

out.println("</tr>");

}

%>

</**table**>

</**body**>

</**html**>

Book.java

**package** webtext;

**public** **class** **Book**

{

**String** bookID;

**String** bookName;

**String** bookImg;

**int** shopNum;

**public** **Book**(**String** id,**String** name,**String** img,**int** num)

{

**this**.bookID=id;

**this**.bookName=name;

**this**.bookImg=img;

**this**.shopNum=num;

}

**public** **String** **getbookID**()

{

**return** bookID;

}

**public** **void** **setbookId**(**String** bookID)

{

**this**.bookID=bookID;

}

**public** **String** **getbookName**()

{

**return** bookName;

}

**public** **void** **setbookName**(**String** bookName)

{

**this**.bookName=bookName;

}

**public** **String** **getbookImg**()

{

**return** bookImg;

}

**public** **void** **setbookImg**(**String** bookImg)

{

**this**.bookImg=bookImg;

}

**public** **int** **getshopNum**()

{

**return** shopNum;

}

**public** **void** **setshopNum**(**int** shopNum)

{

**this**.shopNum=shopNum;

}

}

ShopLogin.java

package haha;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

@WebServlet("/shopLogin.view")

public class ShopLogin extends HttpServlet {

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

request.setCharacterEncoding("UTF-8");

HttpSession session=request.getSession();

String username=request.getParameter("username");

if(username==null)

{

response.sendRedirect("Login.jsp");

}

else

{

session.setAttribute("customerName", "username");

response.sendRedirect("Shopping.jsp");

}

}

}

ShoppingServlet.java

package webtext;

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

@WebServlet("/shopping.view")

public class ShoppingServlet extends HttpServlet {

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

request.setCharacterEncoding("UTF-8");

HttpSession session=request.getSession();

String iD="";

int num=0;

String prods[]=request.getParameterValues("id");

Book[] chart=(Book[])session.getAttribute("bookList");

if(prods!=null)

{

for(int k=0;k<prods.length;k++)

{

iD=prods[k];

for(int i=0;i<chart.length;i++)

{

if(iD.equals(chart[i].getbookID()))

{

chart[i].setshopNum(chart[i].getshopNum()+1);

break;

}

}

}

}

for(int i=0;i<chart.length;i++)

{

num=num+chart[i].getshopNum();

}

session.setAttribute("sum", num);

session.setAttribute("bookList", chart);

response.sendRedirect("Shopping.jsp");

}

}

Shopping.jsp

<%@ **page** language="java" import="java.util.\*" pageEncoding="UTF-8"%>

<%@ **page** import="webtext.\*"%>

<%

String path = request.getContextPath();

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session.setAttribute("sum", 0);

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%>

<**body**>

<**img** src=*"img//cart.jpg"* height=*"60px"* width=*"60px"*>

<**a** href=*"car.view"*>已采购<%=session.getAttribute("sum") %>本书</**a**>

<**br**>

<**table** border=*"1"*>

<%

Book[] bookList=(Book[])session.getAttribute("bookList");

**for**(Book book:bookList)

{

out.println("<tr>");

out.println("<td><img src='"+book.getbookImg()+"'></td>");

out.println("<td><a href='shopping.view?id="+book.getbookID()+"'> 采购此书</a></td>");

out.println("</tr>");

}

%>

</**table**>

</**body**>

</**html**>

CarServlet.java

package webtext;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

@WebServlet("/car.view")

public class CarServlet extends HttpServlet {

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

request.setCharacterEncoding("UTF-8");

response.setContentType("text/html;charset=UTF-8");

PrintWriter out=response.getWriter();

HttpSession session=request.getSession();

Book[] carList=(Book[])session.getAttribute("bookList");

out.println("<html>");

out.println("<body>");

out.println("<p>");

out.println("已购买"+session.getAttribute("sum")+"本书籍");

out.println("</p>");

out.println("<table border='1'>");

for(Book show:carList)

{

out.println("<tr>");

out.println("<td><img src='"+show.getbookImg()+"'></td>");

out.println("<td>已购买"+show.getshopNum()+"本</td>");

out.println("</tr>");

}

out.println("</table>");

out.println("</body>");

out.println("</html");

out.close();

}

}

# 三、运行效果图

