**Java Web开发**

**实验四**

**作业报告**

|  |  |
| --- | --- |
| 学 院 | 计算机 |
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| 完 成 时 间 | 2019年4月10日 |

**Shopping.jsp**

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

<%@ page import=*"test5\_2.\*"*%>

<!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","Java程序设计基础"," 10101.JPG",0);

bookList[1]=**new** Book("10102","Java面向对象编程"," 10102.JPG",0);

bookList[2]=**new** Book("10103","Java特种兵"," 10103.JPG",0);

bookList[3]=**new** Book("10104","Javaweb入门到精通"," 10104.JPG",0);

session.setAttribute("bookList",bookList);

session.setAttribute("sum",0);

}

%>

<body>

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

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

<br>

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

<%

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

**for** (Book book:bookList){

out.println("<tr>");

out.println("<td> <img src='"+book.getImg()+"'height='200px'" + "width='200px'" + "></td>");

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

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

}

%>

</body>

</html>

**Book.java**

**package** test5\_2;

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

**private** String ID;

**private** String Name;

**private** **double** Price;

**private** **int** Count;

**private** String Img;

**public** Book(String id,String name,String img,**int** count){

**this**.ID=id;

**this**.Name=name;

**this**.Img=img;

**this**.Count=count;

}

**public** String getImg() {

**return** Img;

}

**public** **void** setImg(String img) {

Img = img;

}

**public** String getID() {

**return** ID;

}

**public** **void** setID(String iD) {

ID = iD;

}

**public** String getName() {

**return** Name;

}

**public** **void** setName(String name) {

Name = name;

}

**public** **double** getPrice() {

**return** Price;

}

**public** **void** setPrice(**double** price) {

Price = price;

}

**public** **int** getCount() {

**return** Count;

}

**public** **void** setCount(**int** count) {

Count = count;

}

}

**ShoppingServlet.java**

package test5\_2;

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;

/\*\*

\* Servlet implementation class ShoppingServlet

\*/

@WebServlet("/shopping.view")

public class ShoppingServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public ShoppingServlet() {

super();

// TODO Auto-generated constructor stub

}

public void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

doPost(request,response);

}

protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

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

HttpSession session=request.getSession();

request.setCharacterEncoding("utf-8");

response.setCharacterEncoding("utf-8");

double sum=0;

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

int[]counts=new int[4];

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

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

counts[i]=bookLists[i].getCount();

if(id.equals(bookLists[i].getID())){

counts[i]++;

}

bookLists[i].setCount(counts[i]);

sum=counts[i]+sum;

session.setAttribute("sum", sum);

}

session.setAttribute("bookList", bookLists);

response.sendRedirect("Shopping.jsp");

}

}

**CarServlet.java**

package test5\_2;

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;

/\*\*

\* Servlet implementation class CarServlet

\*/

@WebServlet("/cart.view")

public class CarServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public CarServlet() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

// TODO Auto-generated method stub

doPost(request,response);

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

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

response.setCharacterEncoding("UTF-8");

HttpSession session = request.getSession();

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

PrintWriter out = response.getWriter();

for (Book book : bookList) {

out.print("<tr>");

out.print("<td> <img src ='" + book.getImg() + "'height='200px'" + "width='200px'" + "></td>");

out.print("<td> 共" + book.getCount() + "本</td>");

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

}

out.println("<br><A href=Shopping.jsp>继续购物！</A>");

}

}



