**Java Web开发**

**实验五**

**作业报告**

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| --- | --- |
| 学 院 | 计算机 |
| 所在系 班 级 | 2017软件工程系6班 |
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| 指 导 教 师 | 罗永升 |
| 完 成 时 间 | 2019年4月7日 |

关键源码

**package** test5;

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

**private** String bookId;

**private** String bookName;

**private** **int** bookNum;

**double** bookPrice;

**public** Book(String bookId, String bookName, **int** bookNum,**double** bookPrice) {

**this**.bookId = bookId;

**this**.bookName = bookName;

**this**.bookNum = 0;

**this**.bookPrice=bookPrice;

}

**public** **double** getBookPrice() {

**return** bookPrice;

}

**public** **void** setBookPrice(**double** bookPrice) {

**this**.bookPrice = bookPrice;

}

**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** **int** getBookNum() {

**return** bookNum;

}

**public** **void** setBookNum(**int** bookNum) {

**this**.bookNum = bookNum;

}

}

package test5;

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(urlPatterns= {"/test5.1/Shopping.view"})

public class ShoppingServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

protected 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");

int booknum=0;

HttpSession session=request.getSession();

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

System.out.println(id);

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

if(id!=null) {

for (Book book:booklist) {

if(id.equals(book.getBookId())) {

booknum=book.getBookNum();

booknum++;

book.setBookNum(booknum);

}

}

}

int booksum=0;

for(Book book:booklist) {

booksum+=book.getBookNum();

}

session.setAttribute("booksum", booksum);

session.setAttribute("booklist", booklist);

response.sendRedirect("Shopping.jsp");

}

}

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

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

<!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", "JavaWeb", 0,10.1);

BookList[1] = **new** Book("10102", "Java", 0,20.2);

BookList[2] = **new** Book("10103", "c++", 0,30.3);

BookList[3] = **new** Book("10104", "c#",0,40.4);

session.setAttribute("booklist", BookList);

session.setAttribute("booksum", 0);

}

%>

<body>

<br>

<a href=*"ShoppingCar.jsp"*>已采购<%=session.getAttribute("booksum") %> 本书籍</a><br>

<br>

<table border=*"1"*>

<%

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

out.println("<tr>");

**if**(booklist!=**null**)

**for**(Book book:booklist)

out.println("<tr>");

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

out.println("<td><p>"+book.getBookName()+"</td>");

}

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

out.println("<tr>");

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

out.println("<td><p>"+book.getBookPrice()+"</td>");

}

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

out.println("<tr>");

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

out.println("<td><a href=\"Shopping.view?id="+book.getBookId()+"\">加入购物车</a></td>");

}

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

%>

</body>

</html>

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

pageEncoding=*"UTF-8"*%>

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

<%

String path = request.getContextPath();

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

%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>购物车</title>

</head>

<%

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

**double** totalprice=(Double)session.getAttribute("totalPrice");

%>

<body>

<a>已采购<%=session.getAttribute("booksum")%>本书籍</a><br>

<table border=*"1"*>

<tr>

<%

**double** sum=0;

**if**(session.getAttribute("booklist")!=**null**){

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

out.println("<tr>");

**if**(book.getBookNum()!=0){

out.println("<td><p>"+book.getBookName()+"</td>");

out.println("<td><p>"+book.getBookPrice()\*book.getBookNum()+"（元）</td>");

out.println("<td><a>已购"+book.getBookNum()+"本</a></td>");

sum+=book.getBookNum()\*book.getBookPrice();

}

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

}

out.println("<td><a>合计"+sum+"元</a></td>");

}

%>

</tr>

</table>

</body>

</html>





