Shopping.jsp:

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

<%@page import=*"cc.test.vo.\*"* %>

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

<html>

<%

//当第一次访问采购网页，session对象中还没有book购物车信息时，进行初始化。

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

//在session对象中存储图书采购信息

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

BookList[0] = **new** Book("10101", "Java核心技术", "img\\10101.jpg",0,10.1);

BookList[1] = **new** Book("10102", "Java经典实例", "img\\10102.jpg",0,12.2);

BookList[2] = **new** Book("10103", "Java7", "img\\10103.jpg",0,13.3);

BookList[3] = **new** Book("10104", "JSP&Servlet", "img\\10104.jpg",0,16.4);

//存入session对象中

session.setAttribute("bookList", BookList);

session.setAttribute("sum", 0);

}

%>

<body>

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

<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** cc.test.vo;

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

**private** String bookId; //书号

**private** String bookName;//书名

String bookImg; //书封面所在地址

**private** **int** bookNum; //购书本数

**double** bookPrice;

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

**this**.bookId = bookId;

**this**.bookName = bookName;

**this**.bookImg = bookImg;

**this**.bookNum = 0;

**this**.bookPrice=bookPrice;

}

**public** String getBookId() {

**return** bookId;

}

**public** String getBookName() {

**return** bookName;

}

**public** String getBookImg() {

**return** bookImg;

}

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

**this**.bookNum=BookNum;

}

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

**return** bookNum;

}

**public** **double** getbookPrice() {

**return** bookPrice;

}

}

CarServlet.java:

package cc.test.Controller;

import java.io.IOException;

import java.io.PrintWriter;

import java.text.DecimalFormat;

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;

import cc.test.vo.Book;

@WebServlet("/cart.view")

public class CarServlet extends HttpServlet {

public void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

HttpSession session=request.getSession();

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

int sum=0;

double totalprice=0;

DecimalFormat df = new DecimalFormat("#.00");

for(Book book:bookList){

int num=book.getBookNum();

double price=book.getbookPrice();

totalprice+=price\*num;

sum+=num;

}

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

PrintWriter out=response.getWriter();

out.println("<!DOCTYPE HTML PUBLIC '-//W3C//DTD HTML 4.01 Transitional//EN'>");

out.println("<html>");

out.println("<head>");

out.println("<title>购物车</title>");

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

out.println("<body>");

out.println("<table>");

out.println("<a>已采购"+sum+"本书籍</a><br>");

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

out.println("<tr>");

for(Book book:bookList){

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

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

}

}

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

out.println("<tr>");

for(Book book:bookList){

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

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

}

}

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

out.println("<tr>");

for(Book book:bookList){

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

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

}

}

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

out.println("<tr>");

for(Book book:bookList){

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

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

}

}

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

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

out.println("<p>共"+df.format(totalprice)+"元");

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

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

out.close();

}

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

doGet(request,response);

}

}

Shoppingservlet.java:

package cc.test.Controller;

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;

import cc.test.vo.Book;

@WebServlet("/shopping.view")

public class ShopingServlet extends HttpServlet {

public void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

int booknum=0;

String bookid = null;

String bookname;

String bookimg;

HttpSession session=request.getSession();

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

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

if(id!=null){

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

bookid=BookList[i].getBookId();

bookname=BookList[i].getBookName();

bookimg=BookList[i].getBookImg();

booknum=BookList[i].getBookNum();

if(id.equals(bookid)){

booknum++;

BookList[i].setBookNum(booknum);

}

}

}

int sum=0;

for(Book book:BookList){

int num=book.getBookNum();

sum+=num;

}

session.setAttribute("sum", sum);

session.setAttribute("bookList", BookList);

response.sendRedirect("Shopping.jsp");

}

public void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

doGet(request,response);

}

}





