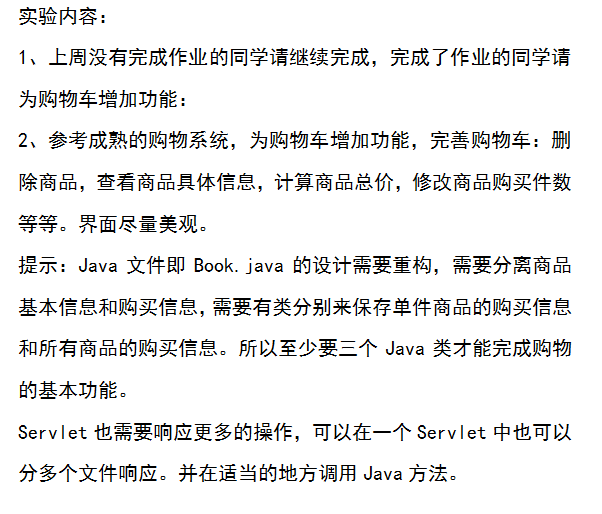
**Java Web开发**

**实验六**

**作业报告**

|  |  |
| --- | --- |
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# 实验题目



# 分析与设计

Book.类当中定义商品的属性和getset方法

Buy.jsp中显示购买页面

Ad.java对于购物车的增加和删除

Cart.java是对于购买页面中点击采购此书，购物车的增加

Bookt.jsp是显示图书的详情

Bookcart.jsp显示购物车里面的商品，还能对购物车中的商品进行增加删除

# 关键源码（部分）

Buy.jsp

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

pageEncoding=*"UTF-8"* import=*"test61.Book"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<title>BuyBook</title>

</head>

<%**if**(session.getAttribute("sum")==**null**)

session.setAttribute("sum", 0);%>

<%

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

{

Book[] booklist=**new** Book[3];

booklist[0]=**new** Book("a","java1","img/1.jpg",65,0,

"《java1》好好学习java");

booklist[1]=**new** Book("b","java2","img/2.jpg",55,0,

"《java2》好好学习java");

booklist[2]=**new** Book("c","java3","img/3.jpg",75,0,

"《java3》好好学习java");

session.setAttribute("bookList", booklist);

}

%>

<body>

<table>

<tr>

<th><h1><img src=*"img/0.jpg"* width=*"200"* height=*"200"*></h1></th>

<th><h1><a href=*"bookcart.jsp"*>已采购<%=session.getAttribute("sum") %>本书</a></h1></th>

<th></th>

</tr>

<%

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

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

{

out.print("<tr>");

**for** (Book b:booklist)

out.println("<td><img src='"+b.getbookurl()+"' width='300' height='300'></td>");

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

out.print("<tr>");

**for** (Book b:booklist)

out.println("<td align='center'><h1><a href='bookt.jsp?bookid="+b.getbookID()+"'>查看详情</a></h1></td>");

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

out.print("<tr>");

**for** (Book b:booklist)

out.println("<td align='center'><h1><a href='cart?bookid="+b.getbookID()+"'>采购此书</a></h1></td>");

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

}

%>

</table>

</body>

</html>

Bookcart.jsp

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

pageEncoding=*"UTF-8"* import=*"test61.Book"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<title>Book's Car</title>

<style>

**table,th,td**

{

border:*1px solid black*;

border-collapse: *collapse*;

}

</style>

</head>

<%

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

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

session.setAttribute("all", 0);

**int** ss=0;

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

{

ss=ss+booklist[i].getbookprice()\*booklist[i].getbooknumber();

//session.setAttribute("all",(int)session.getAttribute("all")+booklist[i].getbookprice()\*booklist[i].getbooknumber());

}

session.setAttribute("all",ss);

%>

<body>

<h1>已采购<%=session.getAttribute("sum") %>本书&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp&nbsp<a href=*"buy.jsp"*>返回购书</a></h1>

<h1>总计<%=session.getAttribute("all") %>元</h1>

<table>

<%

**for** (Book b:booklist)

{

out.print("<tr>");

out.println("<td><img src='"+b.getbookurl()+"' width='300' height='300'></td>");

out.println("<td align='center' width='150'><h1>"+b.getbooknumber()\*b.getbookprice()+"元</h1></td>");

out.println("<td align='center' width='250'><h1><a href='ad?bookid="+b.getbookID()+

"&name=add'><input type='submit' value='+'></a>共"

+b.getbooknumber()+"本<a href='ad?bookid="

+b.getbookID()+"&name=delete'><input type='submit' value='-'></a></h1></td>");

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

}

%>

</table>

</body>

</html>

Bookt.jsp

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

pageEncoding=*"UTF-8"* import=*"test61.Book"*%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">

<html>

<head>

<meta http-equiv=*"Content-Type"* content=*"text/html; charset=UTF-8"*>

<title>Book's message</title>

</head>

<%

**int** k=0;

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

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

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

**if**(bookid.equals(booklist[i].getbookID()))

k=i;

%>

<body>

<table width=*"1000"*>

<tr>

<td rowspan=*"2"*><img src=*"*<%=booklist[k].getbookurl()%>*"* width=*"300"* height=*"300"*></td>

<td align=*"center"*><h1><%=booklist[k].getbookName() %></h1></td>

</tr>

<tr>

<td align=*"center"*><h1><%=booklist[k].getbookprice()%>元/本</h1></td>

</tr>

<tr>

<td colspan=*"2"*><h2><%=booklist[k].getbookinstro() %></h2></td>

</tr>

</table>

</body>

</html>

Book.java

**package** test61;

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

String bookID;

String bookName;

String bookurl;

String bookinstro;

**int** bookprice;

**int** booknumber;

**public** Book(String id,String name,String url,**int** price,**int** number,String instroduce)

{

**this**.bookID=id;

**this**.bookName=name;

**this**.bookurl=url;

**this**.bookprice=price;

**this**.bookinstro=instroduce;

**this**.booknumber=number;

}

**public** String getbookID() {

**return** bookID;

}

**public** **void** setProductID(String bookID) {

**this**.bookID=bookID;

}

**public** String getbookName() {

**return** bookName;

}

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

**this**.bookName=bookName;

}

**public** String getbookurl() {

**return** bookurl;

}

**public** **void** setbookurl(String bookurl) {

**this**.bookurl=bookurl;

}

**public** **int** getbookprice() {

**return** bookprice;

}

**public** **void** setbookprice(**int** bookprice) {

**this**.bookprice=bookprice;

}

**public** String getbookinstro() {

**return** bookinstro;

}

**public** **void** setbookinstro(String bookinstro) {

**this**.bookinstro=bookinstro;

}

**public** **int** getbooknumber() {

**return** booknumber;

}

**public** **void** setbooknumber(**int** booknumber) {

**this**.booknumber=booknumber;

}

}

Ad.java

package test61;

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("/ad")

public class ad extends HttpServlet {

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws IOException, ServletException {

request.setCharacterEncoding("UTF-8");

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

HttpSession session=request.getSession();

String submit=request.getParameter("name");

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

int sum=(int)session.getAttribute("sum");

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

if(submit.equals("add"))

{

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

{

if(bookid.equals(list[i].getbookID()))

{

sum++;

list[i].setbooknumber(list[i].getbooknumber()+1);

break;

}

}

}

if(submit.equals("delete"))

{

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

{

if(bookid.equals(list[i].getbookID()))

{

sum--;

list[i].setbooknumber(list[i].getbooknumber()-1);

break;

}

}

}

session.setAttribute("sum",sum);

request.getRequestDispatcher("bookcart.jsp").forward(request,response);

}

}

cart.java

package test61;

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;

import test61.Book;

@WebServlet("/cart")

public class cart extends HttpServlet {

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

request.setCharacterEncoding("UTF-8");

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

HttpSession session=request.getSession();

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

int sum=(int)session.getAttribute("sum");

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

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

{

if(bookid.equals(list[i].getbookID()))

{

sum++;

list[i].setbooknumber(list[i].getbooknumber()+1);

break;

}

}

session.setAttribute("sum",sum);

request.getRequestDispatcher("buy.jsp").forward(request,response);

}

}

# 运行效果图

