分页显示插件：

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<!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=GBK"*>

<title>Insert title here</title>

</head>

<body>

<%

**int currentPage = 1;//为当前所在的页，默认在第一页**

**int lineSize = 5; // 每页显示的条数**

**long allRecorders = 0; // 表示全部的记录数**

**long pageSize = 1; //表示全部的页数（尾页）**

**int lsData[] = {1,3,5,7,9,10,15,20,30,50};**

**String keyword = request.getParameter("kw"); //接受查询关键字**

**String url = request.getParameter("url");**

%>

<%

**try**{

**currentPage = Integer.parseInt(request.getParameter("cp"));** //取得当前页

}**catch**(Exception e){}

**try**{

**lineSize = Integer.parseInt(request.getParameter("ls"));**  //取得每页显示的条数

}**catch**(Exception e){}

**try**{

**allRecorders = Long.parseLong(request.getParameter("allRecorders")); //取得所有的记录**

}**catch**(Exception e){}

**if**(keyword == **null**){ //若页面第一次加载或则没有输入查询关键字则默认查询全部

keyword = "";

}

%>

<%

**pageSize = (allRecorders + lineSize -1)/lineSize;**

**if**(pageSize == 0){

pageSize = 1 ;

}

%>

<script language = *"javascript"*>

function go(num){

document.getElementById("cp").value = num;

document.spform.submit(); //进行表单的提交

}

</script>

<form action = *"*<%=url%>*"* method = *"post"* name = *"spform"*>

输入查询关键字：<input type = *"text"* name = *"kw"* value = *"*<%=keyword%>*"* > <input type = *"submit"* value = *"查询"*><br>

<input type = *"button"* value = *"首页"* onclick = "go(1)" <%=currentPage == 1? "DISABLED":"" %>>

<input type = *"button"* value = *"上一页"* onclick = *"go(*<%=currentPage - 1%>*)"* <%=currentPage==1?"DISABLED":""%>>

<input type = *"button"* value = *"下一页"* onclick = *"go(*<%=currentPage + 1%>*)"* <%=currentPage==pageSize?"DISABLED":""%>>

<input type = *"button"* value = *"尾页"* onclick = *"go(*<%=pageSize%>*)"* <%=currentPage == pageSize?"DISABLED":"" %>>

跳转到第<select name = *"selcp"* onchange=*"go(this.value)"*>

<%

**for**(**int** x = 1;x <= pageSize;x++){

%>

<option value = *"*<%=x%>*"*<%=x==currentPage?"selected":"" %>><%=x%></option>

<%

}

%>

</select>页

每页显示<select name = *"ls"* onchange = *"go(1)"*>

<%

**for**(**int** x = 0;x < lsData.length;x++){

%>

<option value = *"*<%=lsData[x]%>*"* <%=lsData[x]==lineSize?"selected":"" %>><%=lsData[x]%></option>

<%

}

%>

</select>条

<input type = *"hidden"* name = *"cp"* value = *"1"* id = *"cp"*>

</form>

</body>

</html>

**具体显示运用页面：**

<%@page import=*"java.util.Date"*%>

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<%@page import=*"java.sql.DriverManager"*%>

<%@page import=*"java.sql.ResultSet"*%>

<%@page import=*"java.sql.PreparedStatement"*%>

<%@page import=*"java.sql.Connection"*%>

<!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=ISO-8859-1"*>

<title>Insert title here</title>

</head>

<script language = *"javascript"*>

**function** changeColor(obj,color){

obj.bgColor = color;

}

</script>

<body>

<%!

**public** **static** **final** String URL = "emp\_list.jsp";

%>

<%!

**private** **static** **final** String DBDRIVER = "oracle.jdbc.driver.OracleDriver";

**private** **static** **final** String DBURL = "jdbc:oracle:thin:@localhost:1522:ORCL";

**private** **static** **final** String DBUSER = "scott";

**private** **static** **final** String DBPASSWORD = "tiger";

%>

<%

Connection conn = **null**;

PreparedStatement pstmt = **null**;

ResultSet rs = **null**;

%>

<%

**int** currentPage = 1; //为当前所在的页，默认在第一页

**int** lineSize = 5; // 每页显示的条数

**long** allRecorders = 0 ; // 表示全部的记录数

String keyword = request.getParameter("kw"); //接收查询关键字

%>

<%

**try**{

currentPage = Integer.parseInt(request.getParameter("cp")); //取得当前页

}**catch**(Exception e){}

**try**{

lineSize = Integer.parseInt(request.getParameter("ls")); //每页显示的条数

}**catch**(Exception e){}

**try**{

allRecorders = Long.parseLong(request.getParameter("allRecorders")); //取得所有的记录

}**catch**(Exception e){}

**if**(keyword == **null**){

keyword = "";

}

%>

<%

Class.forName(DBDRIVER);

conn = DriverManager.getConnection(DBURL,DBUSER,DBPASSWORD); //查询出全部的记录

String sql ="select COUNT(empno) from emp " +

" where empno like ? or ename like ? or job like ? " +

" or TO\_CHAR(hiredate,'yyyy-MM-dd') like ? " +

"or sal like ? or comm like ? ";

pstmt = conn.prepareStatement(sql);

pstmt.setString(1, "%" + keyword + "%");

pstmt.setString(2, "%" + keyword + "%");

pstmt.setString(3, "%" + keyword + "%");

pstmt.setString(4, "%" + keyword + "%");

pstmt.setString(5, "%" + keyword + "%");

pstmt.setString(6, "%" + keyword + "%");

rs = pstmt.executeQuery();

**if**(rs.next()){ //取得查询出来的全部的记录数

allRecorders = rs.getInt(1);

}

%>

<center>

<h1>雇员列表</h1>

**<!-- 引入分页显示的插件，并且传入参数 -->**

**<jsp:include page = *"split\_page\_plugin.jsp"*>**

**<jsp:param name = *"allRecorders"* value = *"*<%=allRecorders %>*"*></jsp:param>**

**<jsp:param name = *"url"* value = *"*<%=URL%>*"*></jsp:param>**

**</jsp:include>**

<table border = *"1"* width = *"100%"* bgcolor = *"F2F2F2"* cellpadding = *"5"* cellspacing=*"0"*>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>编号</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>姓名</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>职位</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>雇佣日期</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>工资</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>>奖金</td>

</tr>

<% **//真分页显示**

**sql = "select \* from ( " +**

**" select empno,ename,job,hiredate,sal,comm,ROWNUM rn " +**

**" from emp where ( empno like ? or ename like ? or job like ? or TO\_CHAR(hiredate,'yyyy-MM-dd') like ? or " +**

**" sal like ? or comm like ? ) " +**

**" and ROWNUM <= ? order by empno) temp " +**

**" where temp.rn >?";**

pstmt = conn.prepareStatement(sql);

pstmt = conn.prepareStatement(sql);

pstmt.setString(1, "%" + keyword + "%");

pstmt.setString(2, "%" + keyword + "%");

pstmt.setString(3, "%" + keyword + "%");

pstmt.setString(4, "%" + keyword + "%");

pstmt.setString(5, "%" + keyword + "%");

pstmt.setString(6, "%" + keyword + "%");

**pstmt.setInt(7, currentPage \* lineSize);**

**pstmt.setInt(8,(currentPage -1 )\*lineSize);**

rs = pstmt.executeQuery();

%>

<%

**while**(rs.next()){

**int** empno = rs.getInt(1);

String ename = rs.getString(2);

String job = rs.getString(3);

Date hiredate = rs.getDate(4);

**double** sal = rs.getDouble(5);

**double** comm = rs.getDouble(6);

%>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><%=empno %></td>

<td><%=ename %></td>

<td><%=job %></td>

<td><%=hiredate %></td>

<td><%=sal %></td>

<td><%=comm %></td>

</tr>

<%

}

%>

</table>

</center>

</body>

</html>

在以上的分页显示查询出来的数据的程序中，分为控制层和显示层来设计，控制层为控制分页，和上一页下一页之类的组件，专门独立用一个页面来写，显示层为显示查询出的数据。实现了显示层和控制层相分离的设计原理。

**购物车初步开发：**

1. 登录页面

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<!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=GBK"*>

<title>用户登录</title>

</head>

<body>

<%request.setCharacterEncoding("GBK");%>

<center>

<h1>登录程序</h1>

<hr>

<%

**String info = (String)request.getAttribute("info");**

%>

<%

**if**(info != **null**){

%>

<font color = *"red"*><%=info%></font>

<%

}

%>

<form **action = *"check.jsp"*** method = *"post"*>

用户&nbsp;ID：<input type = *"text"* name = *"mid"*><br>

密&nbsp;&nbsp;&nbsp;&nbsp;码:<input type = *"password"* name = *"password"*><br>

保存密码：<select name = *"savetime"*>

<option value = <%=0 %>>不保存</option>

<option value = <%=3600\*24 %>>保存一天</option>

<option value = <%=3600\*24\*30 %>>保存一月</option>

<option value = <%=3600\*24\*30\*365 %>>保存一年</option>

</select><br>

<input type = *"submit"* value = *"登录"*>

<input type = *"reset"* value =*"重置"*>

</form>

</center>

</body>

</html>

以上是购物车的登录页面，**String info = (String)request.getAttribute("info");用于表单提交到check.jsp页面后若没有通过登录检查，则获取错误信息返回。**

1. 登录检查页面

<%@page import=*"java.sql.DriverManager"*%>

<%@page import=*"java.sql.ResultSet"*%>

<%@page import=*"java.sql.PreparedStatement"*%>

<%@page import=*"java.sql.Connection"*%>

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<!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=GBK"*>

<title></title>

</head>

<body>

<center>

<%

request.setCharacterEncoding("GBK");

%>

<h1>登录检查</h1>

<hr>

<%!

**boolean** flag = **false**;

**private** **static** **final** String DBDRIVER = "oracle.jdbc.driver.OracleDriver";

**private** **static** **final** String DBURL = "jdbc:oracle:thin:@localhost:1522:ORCL";

**private** **static** **final** String DBUSER = "scott";

**private** **static** **final** String DBPASSWORD = "tiger";

%>

<%

Connection conn = **null**;

PreparedStatement pstmt = **null**;

ResultSet rs = **null**;

%>

<%

String mid = request.getParameter("mid"); //取得提交过来的登录信息

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

String sql = "select name from member where mid = ? and password = ?";

%>

<%

Class.forName(DBDRIVER);

conn = DriverManager.getConnection(DBURL,DBUSER,DBPASSWORD);

pstmt = conn.prepareStatement(sql);

pstmt.setString(1, mid); //设置查询参数

pstmt.setString(2, password);

rs = pstmt.executeQuery();

**if**(rs.next()){

//如果用户登录成功了则进行保存cookie

session.setAttribute("id", mid); //保存登录的mid

Cookie c1 = **new** Cookie("mid",mid); //保存mid的cookie

Cookie c2 = **new** Cookie("password",password);

**int** saveTime = Integer.parseInt(request.getParameter("savetime"));//取得提交页面传来的值

c1.setMaxAge(saveTime);

c2.setMaxAge(saveTime); //设置cookie的保存值

response.addCookie(c1); //向本地添加cookie

response.addCookie(c2);

**String name = rs.getString(1);** //从数据库中取得姓名

session.setAttribute("name", name); //保存用户名称

flag = **true**;

}

conn.close();

%>

<%

**if**(flag){

%>

**<jsp:forward page=*"product\_list.jsp"*></jsp:forward>**

<%

}**else**{

**request.setAttribute("info", "错误的用户名或则密码！");**

%>

**<jsp:forward page=*"login.jsp"*></jsp:forward>**

<%

}

%>

</center>

</body>

</html>

在以上的页面中，用于对提交过来的表单登录信息进行检查，在数据库中查询登录的用户名，密码是否存在，若存在，则跳转到商品列表界面，若不存在，则保存错误信息然后返回到登录页面。

1. 商品列表

<%@page import=*"java.util.Date"*%>

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<%@page import=*"java.sql.DriverManager"*%>

<%@page import=*"java.sql.ResultSet"*%>

<%@page import=*"java.sql.PreparedStatement"*%>

<%@page import=*"java.sql.Connection"*%>

<!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=GBK"*>

<title>商品列表</title>

</head>

**<script language = *"javascript"*>**

**function changeColor(obj,color){**

**obj.bgColor = color;**

**}**

**</script>**

<body>

<%

request.setCharacterEncoding("GBK");

%>

<%!

**public** **static** **final** String URL = "product\_list.jsp";

%>

<%!

**private** **static** **final** String DBDRIVER = "oracle.jdbc.driver.OracleDriver";

**private** **static** **final** String DBURL = "jdbc:oracle:thin:@localhost:1522:ORCL";

**private** **static** **final** String DBUSER = "scott";

**private** **static** **final** String DBPASSWORD = "tiger";

%>

<%

Connection conn = **null**;

PreparedStatement pstmt = **null**;

ResultSet rs = **null**;

%>

<%

**int currentPage = 1; //为当前所在的页，默认在第一页**

**int lineSize = 5; // 每页显示的条数**

**long allRecorders = 0 ; // 表示全部的记录数**

**String keyword = request.getParameter("kw"); //接收查询关键字**

%>

<%

**try**{

**currentPage = Integer.parseInt(request.getParameter("cp"));**  //取得当前的页面

}**catch**(Exception e){}

**try**{

**lineSize = Integer.parseInt(request.getParameter("ls"));**  //取得每页显示的条数

}**catch**(Exception e){}

**try**{

**allRecorders = Long.parseLong(request.getParameter("allRecorders"));** //取得全部的查询记录

}**catch**(Exception e){}

**if**(keyword == **null**){

keyword = "";

}

%>

<%

Class.forName(DBDRIVER);

conn = DriverManager.getConnection(DBURL,DBUSER,DBPASSWORD);

String sql ="select count(pid) from product " +

" where name like ? or note like ? or price like ? or amount like ?";

pstmt = conn.prepareStatement(sql);

pstmt.setString(1, "%" + keyword + "%");

pstmt.setString(2, "%" + keyword + "%");

pstmt.setString(3, "%" + keyword + "%");

pstmt.setString(4, "%" + keyword + "%");

rs = pstmt.executeQuery();

**if**(rs.next()){ //取得全部的记录数，用于分页显示

allRecorders = rs.getInt(1);

}

%>

<center>

<h1>商品列表</h1>

<!-- 引入分页组件，并且传入相关参数 -->

**<jsp:include page = *"split\_page\_plugin.jsp"*>**

**<jsp:param name = *"allRecorders"* value = *"*<%=allRecorders %>*"*></jsp:param>**

**<jsp:param name = *"url"* value = *"*<%=URL%>*"*></jsp:param>**

**<jsp:param name = *"currentPage"* value = *"*<%=currentPage%>*"*></jsp:param>**

**<jsp:param name = *"lineSize"* value = *"*<%=lineSize%>*"*></jsp:param>**

**</jsp:include>**

<table border = *"1"* width = *"100%"* bgcolor = *"F2F2F2"* cellpadding = *"5"* cellspacing=*"0"*>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>编号</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>名称</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>价格</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>数量</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>简介</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>购买</td>

</tr>

<%

sql = "select \* from ( " +

" select pid,name,note,price,amount,ROWNUM rn " +

" from product where ( name like ? or note like ? or price like ? or amount like ? ) " +

" and ROWNUM <= ? order by pid ) temp " +

" where temp.rn >?";

pstmt = conn.prepareStatement(sql);

pstmt.setString(1, "%" + keyword + "%");

pstmt.setString(2, "%" + keyword + "%");

pstmt.setString(3, "%" + keyword + "%");

pstmt.setString(4, "%" + keyword + "%");

**pstmt.setInt(5, currentPage \* lineSize);**

**pstmt.setInt(6,(currentPage -1 )\*lineSize);**

rs = pstmt.executeQuery();

%>

<%

**while**(rs.next()){

**int** pid = rs.getInt(1);

String name = rs.getString(2);

String note = rs.getString(3);

**double** price = rs.getDouble(4);

**int** amount = rs.getInt(5);

%>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><%=pid %></td>

<td><%=name %></td>

<td><%=price %></td>

<td><%=amount %></td>

<td><%=note %></td>

**<td><a href = *"add\_car.jsp?pid=*<%=pid%>*"* target=*"\_ablank"*>增加到购物车</a></td>**

</tr>

<%

}

conn.close();

%>

</table>

</center>

</body>

</html>

在以上程序中，首先加入分页组件，设置分页参数。然后从数据库里查询用户输入的查询关键字，若没有输入查询关键字则默认查询全部。然后对查询出来的信息进行显示。点击添加到购物车超链接按钮后跳转到购物车页面上。

1. 我的购物车页面

<%@page import=*"java.util.\*"*%>

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<%@page import=*"java.sql.DriverManager"*%>

<%@page import=*"java.sql.ResultSet"*%>

<%@page import=*"java.sql.PreparedStatement"*%>

<%@page import=*"java.sql.Connection"*%>

<!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=GBK"*>

<title>购物车</title>

</head>

<body>

<% //要购买的商品编号

**int pid = Integer.parseInt(request.getParameter("pid")); //获取要增加的物品的pid**

**Map<Integer,Integer> cars = (Map<Integer,Integer>)session.getAttribute("allpid");** //在session范围内取得全部已经购买的商品

//但是如果是第一次购买的话肯定取得不到

**if(cars == null){ //实例化一个新的Map对象**

**cars = new HashMap<Integer,Integer>();**

**}**

if(cars.get(pid) == null){ //还没有购买商品

cars.put(pid, 1); //此商品购买了一个

}else{

int val = cars.get(pid); //通过点击后传过来的商品的pid（key）取得对应的购买数量（value）

val++; //将商品数量加1

cars.put(pid, val); //重新将pid放入map集合，覆盖已有内容

}

session.setAttribute("allpid",cars);

%>

<jsp:forward page=*"product\_cars.jsp"*></jsp:forward>

</body>

</html>

<%@page import=*"java.util.\*"*%>

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<%@page import=*"java.sql.DriverManager"*%>

<%@page import=*"java.sql.ResultSet"*%>

<%@page import=*"java.sql.PreparedStatement"*%>

<%@page import=*"java.sql.Connection"*%>

<!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=GBK"*>

<title>我的购物车</title>

</head>

<script language = *"javascript"*>

**function** changeColor(obj,color){

obj.bgColor = color;

}

**function gocheck(){**

**window.location = "product\_order\_list.jsp";**

**}**

</script>

<body>

**<jsp:include page=*"login\_filter.jsp"*></jsp:include>**

<%!

**public** **static** **final** String URL = "product\_list.jsp";

%>

<%!

**private** **static** **final** String DBDRIVER = "oracle.jdbc.driver.OracleDriver";

**private** **static** **final** String DBURL = "jdbc:oracle:thin:@localhost:1522:ORCL";

**private** **static** **final** String DBUSER = "scott";

**private** **static** **final** String DBPASSWORD = "tiger";

%>

<%

Connection conn = **null**;

PreparedStatement pstmt = **null**;

ResultSet rs = **null**;

%>

<%-- <%=session.getAttribute("allpid") %> --%>

<%

Class.forName(DBDRIVER);

conn = DriverManager.getConnection(DBURL,DBUSER,DBPASSWORD);

**StringBuffer sql = new StringBuffer(); //循环修改内容的时候使用StringBuffer**

%>

<%

**Map<Integer,Integer> cars = (Map<Integer,Integer>)session.getAttribute("allpid");**

**if(cars != null){**

**Set<Integer> key = cars.keySet(); //取得全部的key pid**

**sql.append("select pid,name,note,price,amount from product where pid in(") ;**

**int count = 0;**

**Iterator<Integer> iter = key.iterator();**

**while(iter.hasNext()){ //拼sql语句**

**count++;**

**sql.append(iter.next()) ;**

**if(count <= key.size() - 1){**

**sql.append(",");**

**}**

**}**

**sql.append(")");**

%>

<center>

<h1>购物列表</h1>

<form action = ***"update\_car.jsp"*** method = *"post"*>

<table border = *"1"* width = *"100%"* bgcolor = *"F2F2F2"* cellpadding = *"5"* cellspacing=*"0"*>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>编号</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>名称</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>价格</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>数量</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>简介</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>购买数量</td>

</tr>

<%

//out.print(sql);

**pstmt = conn.prepareStatement(sql.toString());**

rs = pstmt.executeQuery();

%>

<%

**while**(rs.next()){ //将查询到的已经购买的商品进行显示

**int** pid = rs.getInt(1);

String name = rs.getString(2);

String note = rs.getString(3);

**double** price = rs.getDouble(4);

**int** amount = rs.getInt(5);

%>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><%=pid %></td>

<td><%=name %></td>

<td><%=price %></td>

<td><%=amount %></td>

<td><%=note %></td>

<!-- 显示购买数量 -->

**<td><input type = *"text"* maxlength = *"3"* size = *"3"* name = *"*<%=pid%>*"* value = *"*<%=cars.get(pid)%>*"*></td>**

</tr>

<%

}

%>

<%

**if**(count == 0){

%>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td align = *"center"* valign = *"middle"* colspan = *"6"*><span class = *"STYLE10"*></span>暂时没有购买任何商品</td>

</tr>

<%

}**else**{

%>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td align = *"center"* valign = *"middle"* colspan = *"6"*><span class = *"STYLE10"*>

<input type = *"submit"* value = *"提交修改"*>

<input type = *"button"* value = *"去结算"* onclick = "gocheck()"> </span> </td>

</tr>

<%

}

%>

<%

}**else**{

%>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td align = *"center"* valign = *"middle"* colspan = *"6"*><span class = *"STYLE10"*></span>暂时没有购买任何商品</td>

</tr>

<%

}

conn.close();

%>

</table>

</form>

</center>

</body>

</html>

以上程序实现了我的购物车的开发，**<jsp:include page=*"login\_filter.jsp"*></jsp:include>**

表示包含进了login\_filter.jsp页面，对登录信息进行验证，如果没有登录直接点击添加到购物车，则会自动跳转到登录页面，若已经登录则会提交到add\_car.jsp页面对商品信息进行保存，并且使用map集合将一个session对象里面的所点击购买的商品全部保存key=pid,value= 购买数量。此外，运用了拼sql的语句。对购买的商品信息进行显示操作。

1. 登录验证页面

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<!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=GBK"*>

<title>检查是否登录</title>

</head>

<body>

<%

if(session.getAttribute("id") == null){

request.setAttribute("info", "请先登录！");

%>

<!-- <script type="text/javascript">

alert("请先登录！");

window.location = "login.jsp";

</script> -->

<jsp:forward page=*"login.jsp"*></jsp:forward>

<%

}

%>

</body>

</html>

1. 在购物车修改购物数量页面

<%@page import=*"java.util.\*"*%>

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<%@page import=*"java.sql.DriverManager"*%>

<%@page import=*"java.sql.ResultSet"*%>

<%@page import=*"java.sql.PreparedStatement"*%>

<%@page import=*"java.sql.Connection"*%>

<!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=GBK"*>

<title>购物车</title>

</head>

<body>

<jsp:include page=*"login\_filter.jsp"*></jsp:include>

<% //要购买的商品编号

**Enumeration allpid = request.getParameterNames();** **//取得所有的提交数据，即所有的以商品编号为name的input框名字**

Map<Integer,Integer> cars = (Map<Integer,Integer>)session.getAttribute("allpid");

**if**(cars == **null**){ //实例化一个新的Map对象

cars = **new** HashMap<Integer,Integer>();

}

**while**(allpid.hasMoreElements()){

String paramName = (String) allpid.nextElement();

**try**{

**int pid = Integer.parseInt(paramName); //取得pid**

**int val = Integer.parseInt(request.getParameter(paramName));**  //得到购买的商品件数

**cars.put(pid, val);** //重新放回集合

}**catch**(Exception e){}

%>

<!-- out.print(allpid.nextElement()); -->

<%

}

**session.setAttribute("allpid", cars);**

%>

<jsp:forward page=*"product\_cars.jsp"*></jsp:forward>

</body>

</html>

当用户在购物车页面上直接修改了购买数量以后点击“确认修改”后，则提交到该页面进行修改操作。**Enumeration allpid = request.getParameterNames();request.getParameterNames()返回的是枚举类型所以必须用Enumeration接收。**

**7.用户结算页面**

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<%@page import=*"java.sql.DriverManager"*%>

<%@page import=*"java.sql.ResultSet"*%>

<%@page import=*"java.sql.PreparedStatement"*%>

<%@page import=*"java.sql.Connection"*%>

<%@page import=*"java.util.\*"*%>

<!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=GBK"*>

<title>结算页面</title>

<style type=*"text/css"*>

<!--

*.STYLE6*(font-size*:*12px)

*.STYLE10*(font-size*:*14px; font-weight*:bold*;)

-->

</style>

<script language = *"javascript"*>

function changeColor(obj,color){

obj.bgColor = color;

}

function update(){

window.location = "member\_update.jsp";

}

</script>

</head>

<body>

**<jsp:include page=*"login\_filter.jsp"*></jsp:include>**

<%

request.setCharacterEncoding("GBK");

%>

<center>

<h1>结算清单</h1>

<%!

private static final String DBDRIVER = "oracle.jdbc.driver.OracleDriver";

private static final String DBURL = "jdbc:oracle:thin:@localhost:1522:ORCL";

private static final String DBUSER = "scott";

private static final String DBPASSWORD = "tiger";

%>

<%

Connection conn = null;

PreparedStatement pstmt = null;

ResultSet rs = null;

%>

<%

Class.forName(DBDRIVER);

conn = DriverManager.getConnection(DBURL,DBUSER,DBPASSWORD);

String sql = "select mid,name,address,telphone,zipcode from member where mid = ?";

pstmt = conn.prepareStatement(sql);

pstmt.setString(1, (String)session.getAttribute("id"));

rs = pstmt.executeQuery();

%>

<%

if(rs.next()){

String mid = rs.getString(1);

String name = rs.getString(2);

String address = rs.getString(3);

String telphone = rs.getString(4);

String zipcode = rs.getString(5);

%>

<table border = *"1"* width = *"100%"* cellpadding = *"5"* cellspacing = *"0"* bgcolor =*"F2F2F2"* >

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td colspan = *"3"*><font size = *"5"*>用户信息</font> <input type = *"button"* value = *"修改用户信息"* onclick = "update()"></td>

</tr>

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><font size = *"2"*>用户编号：</font></td>

<td><%=mid%></td>

</tr>

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><font size = *"2"*>真实姓名：</font></td>

<td><%=name%></td>

</tr>

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><font size = *"2"*>联系电话：</font></td>

<td><%=telphone%></td>

</tr>

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><font size = *"2"*>用户地址：</font></td>

<td><%=address%></td>

</tr>

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><font size = *"2"*>邮政编码：</font></td>

<td><%=zipcode%></td>

</tr>

<%

}

%>

</table>

<table border = *"1"* width = *"100%"* bgcolor = *"F2F2F2"* cellpadding = *"5"* cellspacing=*"0"*>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td colspan=*"6"*><span class = *"STYLE10"*><font size = *"5"*>购买的商品</font></span></td>

</tr>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>编号</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>名称</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>价格</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>数量</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>简介</td>

<td align = *"center"* valign = *"middle"*><span class = *"STYLE10"*></span>购买数量</td>

</tr>

<%

**Map<Integer,Integer> cars = (Map<Integer,Integer>)session.getAttribute("allpid");** //取得购买的商品集合

if(cars != null){

Set<Integer> key = cars.keySet(); //取得全部的key pid

StringBuffer psql = new StringBuffer();

psql.append("select pid,name,note,price,amount from product where pid in(") ;

int count = 0;

Iterator<Integer> iter = key.iterator();

while(iter.hasNext()){ //拼sql语句

count++;

psql.append(iter.next()) ;

if(count <= key.size() - 1){

psql.append(",");

}

}

psql.append(")");

pstmt = conn.prepareStatement(psql.toString());

rs = pstmt.executeQuery();

}

%>

<%

**double sum = 0.0;**  //保存总价

while(rs.next()){ //将查询到的已经购买的商品进行显示

int pid = rs.getInt(1);

String name = rs.getString(2);

String note = rs.getString(3);

double price = rs.getDouble(4);

int amount = rs.getInt(5);

**sum = sum + price \* cars.get(pid);**

%>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td align = *"center"* valign = *"middle"* ><%=pid %></td>

<td align = *"center"* valign = *"middle"* ><%=name %></td>

<td align = *"center"* valign = *"middle"* ><%=price %></td>

<td align = *"center"* valign = *"middle"* ><%=amount %></td>

<td align = *"center"* valign = *"middle"* ><%=note %></td>

<td align = *"center"* valign = *"middle"* ><%=cars.get(pid) %></td>

</tr>

<%

}

%>

<tr onMouseOver="changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

**<td align = *"center"* valign = *"middle"* colspan=*"6"*><span class = *"STYLE10"*></span>总价钱：<%=sum %> 元</td>**

</tr>

<%

conn.close();

%>

</table>

</center>

</body>

</html>

在该页面上进行商品价钱的结算。

1. 用户信息修改界面

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<%@page import=*"java.sql.DriverManager"*%>

<%@page import=*"java.sql.ResultSet"*%>

<%@page import=*"java.sql.PreparedStatement"*%>

<%@page import=*"java.sql.Connection"*%>

<%@page import=*"java.util.\*"*%>

<!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=GBK"*>

<title>用户信息修改</title>

<script language = *"javascript"*>

**function** changeColor(obj,color){

obj.bgColor = color;

}

</script>

</head>

<body>

<jsp:include page=*"login\_filter.jsp"*></jsp:include>

<%

request.setCharacterEncoding("GBK");

%>

<form action = *"member\_update\_do.jsp"* method = *"post"*>

<center>

<h2>修改用户信息！</h2>

<%!

**private** **static** **final** String DBDRIVER = "oracle.jdbc.driver.OracleDriver";

**private** **static** **final** String DBURL = "jdbc:oracle:thin:@localhost:1522:ORCL";

**private** **static** **final** String DBUSER = "scott";

**private** **static** **final** String DBPASSWORD = "tiger";

%>

<%

Connection conn = **null**;

PreparedStatement pstmt = **null**;

ResultSet rs = **null**;

%>

<%

Class.forName(DBDRIVER);

conn = DriverManager.getConnection(DBURL,DBUSER,DBPASSWORD);

String sql = "select mid,name,address,telphone,zipcode from member where mid = ?";

pstmt = conn.prepareStatement(sql);

pstmt.setString(1, (String)session.getAttribute("id"));

rs = pstmt.executeQuery();

%>

<%

**if**(rs.next()){

String mid = rs.getString(1);

String name = rs.getString(2);

String address = rs.getString(3);

String telphone = rs.getString(4);

String zipcode = rs.getString(5);

%>

<table border = *"1"* width = *"100%"* cellpadding = *"5"* cellspacing = *"0"* bgcolor =*"F2F2F2"* >

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td colspan = *"3"*><font size = *"5"*>修改用户信息</font></td>

</tr>

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><font size = *"2"*>用户编号：</font></td>

<td><%=mid%></td>

</tr>

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><font size = *"2"*>真实姓名：</font></td>

<td><input name = *"name"* value = *"*<%=name%>*"*></td>

</tr>

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><font size = *"2"*>联系电话：</font></td>

<td><input name = *"telphone"* value = *"*<%=telphone%>*"*></td>

</tr>

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><font size = *"2"*>用户地址：</font></td>

<td><input name = *"address"* value = *"*<%=address%>*"*></td>

</tr>

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td><font size = *"2"*>邮政编码：</font></td>

<td> <input name = *"zipcode"* value = *"*<%=zipcode%>*"*></td>

</tr>

<tr onMouseOver = "changeColor(this,'white')" onMouseOut = "changeColor(this,'F2F2F2')">

<td colspan = *"2"* ><input type = *"submit"* value = *"确认修改"*><input type = *"reset"* value = *"取消修改"*></td>

</tr>

<%

}

%>

</table>

</center>

</form>

</body>

</html>

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<%@page import=*"java.sql.DriverManager"*%>

<%@page import=*"java.sql.ResultSet"*%>

<%@page import=*"java.sql.PreparedStatement"*%>

<%@page import=*"java.sql.Connection"*%>

<%@page import=*"java.util.\*"*%>

<!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=GBK"*>

<title></title>

</head>

<body>

<jsp:include page=*"login\_filter.jsp"*></jsp:include>

<%

request.setCharacterEncoding("GBK");

%>

<center>

<%!

**private** **static** **final** String DBDRIVER = "oracle.jdbc.driver.OracleDriver";

**private** **static** **final** String DBURL = "jdbc:oracle:thin:@localhost:1522:ORCL";

**private** **static** **final** String DBUSER = "scott";

**private** **static** **final** String DBPASSWORD = "tiger";

%>

<%

Connection conn = **null**;

PreparedStatement pstmt = **null**;

ResultSet rs = **null**;

%>

<%

String msg = "修改信息失败！";

Class.forName(DBDRIVER);

conn = DriverManager.getConnection(DBURL,DBUSER,DBPASSWORD);

String sql = "update member set name = ?,address = ?,telphone = ?,zipcode = ? where mid = ?";

pstmt = conn.prepareStatement(sql);

pstmt.setString(1,request.getParameter("name"));

pstmt.setString(2,request.getParameter("address"));

pstmt.setString(3,request.getParameter("telphone"));

pstmt.setString(4,request.getParameter("zipcode"));

pstmt.setString(5,(String)session.getAttribute("id"));

**if**(pstmt.executeUpdate() > 0){

msg = "修改信息成功！";

System.out.println(msg);

}

%>

<%

conn.close();

%>

<script language = *"javascript"*>

alert("<%=msg%>") ;

window.location = "product\_order\_list.jsp" ;

</script>

</center>

</body>

</html>

当用户在结算页面上点击修改个人信息时，调到到该页面进行修改。

1. 插件页面

<%@ page language=*"java"* contentType=*"text/html; charset=GBK"*

pageEncoding=*"GBK"*%>

<!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=GBK"*>

<title>Insert title here</title>

</head>

<body>

<%

**int** currentPage = 1;//为当前所在的页，默认在第一页

**int** lineSize = 5; // 每页显示的条数

**long** allRecorders = 0; // 表示全部的记录数

**long** pageSize = 1; //表示全部的页数（尾页）

**int** lsData[] = {1,3,5,7,9,10,15,20,30,50};

String keyword = request.getParameter("kw"); //接受查询关键字

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

%>

<%

**try**{

currentPage = Integer.parseInt(request.getParameter("currentPage"));

}**catch**(Exception e){}

**try**{

lineSize = Integer.parseInt(request.getParameter("lineSize"));

}**catch**(Exception e){}

**try**{

allRecorders = Long.parseLong(request.getParameter("allRecorders"));

}**catch**(Exception e){}

**if**(keyword == **null**){

keyword = "";

}

%>

<%

pageSize = (allRecorders + lineSize -1)/lineSize;

**if**(pageSize == 0){

pageSize = 1 ;

}

%>

<script language = *"javascript"*>

**function** go(num){

document.getElementById("cp").value = num;

document.spform.submit();

}

</script>

<form action = *"*<%=url%>*"* method = *"post"* name = *"spform"*>

输入查询关键字：<input type = *"text"* name = *"kw"* value = *"*<%=keyword%>*"* > <input type = *"submit"* value = *"查询"*><br>

<input type = *"button"* value = *"首页"* onclick = "go(1)" <%=currentPage == 1? "DISABLED":"" %>>

<input type = *"button"* value = *"上一页"* onclick = *"go(*<%=currentPage - 1%>*)"* <%=currentPage==1?"DISABLED":""%>>

<input type = *"button"* value = *"下一页"* onclick = *"go(*<%=currentPage + 1%>*)"* <%=currentPage==pageSize?"DISABLED":""%>>

<input type = *"button"* value = *"尾页"* onclick = *"go(*<%=pageSize%>*)"* <%=currentPage == pageSize?"DISABLED":"" %>>

跳转到第<select name = *"selcp"* onchange=*"go(this.value)"*>

<%

**for**(**int** x = 1;x <= pageSize;x++){

%>

<option value = *"*<%=x%>*"*<%=x==currentPage?"selected":"" %>><%=x%></option>

<%

}

%>

</select>页

每页显示<select name = *"ls"* onchange = *"go(1)"*>

<%

**for**(**int** x = 0;x < lsData.length;x++){

%>

<option value = *"*<%=lsData[x]%>*"* <%=lsData[x]==lineSize?"selected":"" %>><%=lsData[x]%></option>

<%

}

%>

</select>条

<input type = *"hidden"* name = *"cp"* value = *"1"* id = *"cp"*>

</form>

</body>

</html>