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package com.chiru;

import java.io.IOException;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 * Servlet implementation class listSoldItems
 */
public class listSoldItems extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    public void doPost(HttpServletRequest request, HttpServletResponse response) throws
        ServletException, IOException {

        Connection con = null;
        try {
            Class.forName("com.ibm.db2.jcc.DB2Driver");
            con = DriverManager.getConnection(
                "jdbc:db2://db2serv01.cs.stonybrook.edu:50000/teamdb61:retrieveMessagesFromServerOnGe
                tMessage=true;", "cseteam61", "Balawat61");

        } catch (Exception e1) {
            // TODO Auto-generated catch block
            e1.printStackTrace();
        }

        String sql = "SELECT B.COMPANY, B.ITEMNAME, A.NOOFUNITSOLD FROM CSETEAM61.SALES A,
        CSETEAM61.ADVERTISEMENTS B WHERE A.ADVTTID = B.ADVTTID ORDER BY A.NOOFUNITSOLD" ;
        String sql1 = "select count(*) from (SELECT B.COMPANY, B.ITEMNAME, A.NOOFUNITSOLD FROM
        CSETEAM61.SALES A, CSETEAM61.ADVERTISEMENTS B WHERE A.ADVTTID = B.ADVTTID ORDER BY
        A.NOOFUNITSOLD) ";

        ResultSet rs = null;
        PreparedStatement ps = null;

        try {
            ps = con.prepareStatement(sql1);
            rs = ps.executeQuery();
            rs.next();

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int count = Integer.parseInt(rs.getString(1));

String advtval[][] = new String [count][3];
ps = con.prepareStatement(sql);
rs = ps.executeQuery();
int j = 0;
while(rs.next()){

    for(int i = 0; i <3;i++){

        advtval[j][i] = rs.getString(i+1);
    }
    j++;
}

request.getSession().setAttribute("soldvaluescom", advtval);
RequestDispatcher requestDispatcher = getServletContext().getRequestDispatcher(
"/dispSoldcom.jsp");
requestDispatcher.forward(request,response);
} catch (SQLException e) {
    // TODO Auto-generated catch block
    e.printStackTrace();
}
finally{
    try {
        rs.close();
        con.close();
    } catch (SQLException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
}

}

}
```