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

    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 distinct(B.ADVTTYPE) from CSETEAM61.SALES A,
        CSETEAM61.ADVERTISEMENTS B where A.ADVTTID = B.ADVTTID and A.USERID = ?" ;
        String nsql = "select * from CSETEAM61.ADVERTISEMENTS where ADVTTYPE = ?" ;
        String user = request.getParameter("userName");

        ResultSet rs = null;
        ResultSet rs1 = null;
        PreparedStatement ps = null;
        String output[][] = new String[100][7];
        try {

            ps = con.prepareStatement(sql);
            ps.setString(1, user);
            rs = ps.executeQuery();
            int i = 0;
            while(rs.next()){

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        ps = con.prepareStatement (nsql);
        ps.setString(1, rs.getString(1));
        rs1 = ps.executeQuery();

        while(rs1.next()){

            for(int j = 0;j<7;j++){

                output[i][j] = rs1.getString(j+1);
            }

            i++;
        }
    }

    request.getSession().setAttribute("output", output);
    RequestDispatcher requestDispatcher = getServletContext().getRequestDispatcher (
    "/dispSug.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();
    }
}

}

}
```