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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 mostRevenueProd
 */
public class mostRevenueProd 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  ITEMNAME, sum(rev) as total from ( select A.ITEMNAME,
        B.NOOFUNITSOLD* A.UNITPRICE as rev from CSETEAM61.SALES B, CSETEAM61.ADVERTISEMENTS A
        where A.ADVTTID = B.ADVTTID) group by ITEMNAME order by total DESC FETCH FIRST 1 ROWS
        ONLY";

        ResultSet rs = null;
        PreparedStatement ps = null;

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

            String dump[] = new String[2];

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        dumppp[0] = rs.getString(1);
        dumppp[1] = rs.getString(2);

        request.getSession().setAttribute("dispmaxrevp", dumppp);
        RequestDispatcher requestDispatcher = getServletContext().getRequestDispatcher(
            "/dispMaxProd.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();
        }
    }
}
```