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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 java.text.SimpleDateFormat;
import java.util.Calendar;

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 commentFinal
 */
public class commentFinal 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 user = (String) request.getSession().getAttribute("curr_user");
        String entry = request.getParameter("commentf");
        String thePost = (String) request.getSession().getAttribute("comOnPost");
        Calendar currentDate = Calendar.getInstance();
        SimpleDateFormat formatter = new SimpleDateFormat("yyyy-MM-dd");
        String dateNow = formatter.format(currentDate.getTime());
        String sql = "select max(COMMENTID) from CSETEAM61.COMMENTS";
        String sql1 = "insert into CSETEAM61.COMMENTS values (?, ?, ?, ?, ?)";

        ResultSet rs = null;
        PreparedStatement p = null;
    
```

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try {
    p = con.prepareStatement(sql);
    rs = p.executeQuery();
    rs.next();
    int count;

    if(rs.getString(1).equals(null))
        count = 1;
    else
        count = Integer.parseInt(rs.getString(1)) + 1;

    p = con.prepareStatement(sql1);
    p.setString(1, Integer.toString(count));
    p.setString(2, dateNow);
    p.setString(3, entry);
    p.setString(4, user);
    p.setString(5, thePost);

    int success = p.executeUpdate();

    if(success!=0)
        System.out.println("commented on post successfully");

    RequestDispatcher requestDispatcher = getServletContext().getRequestDispatcher(
        "/home.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();
    }
}

}

}
```