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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 createAdvt
 */
public class createAdvt 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 company = request.getParameter("company");
        String itemname = request.getParameter("itemname");
        String unitprice = request.getParameter("unitprice");
        String availunits = request.getParameter("availableunits");
        String advttype = request.getParameter("pref");

        String sql = "select max(ADVTID) from CSETEAM61.ADVERTISEMENTS";
        String sql1 = "insert into CSETEAM61.ADVERTISEMENTS values (?, ?, ?, ?, ?, ?, ?)";
        Calendar currentDate = Calendar.getInstance();
        SimpleDateFormat formatter = new SimpleDateFormat("yyyy-MM-dd");
        String dateNow = formatter.format(currentDate.getTime());
        ResultSet rs = null;
        PreparedStatement ps = null;
    }
}

```

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try {
    ps = con.prepareStatement(sql);
    rs = ps.executeQuery();
    rs.next();
    int advtid = Integer.parseInt(rs.getString(1)) + 1;

    ps = con.prepareStatement(sql1);
    ps.setString(1, Integer.toString(advtid));
    ps.setString(2, advttype);
    ps.setString(3, dateNow);
    ps.setString(4, company);
    ps.setString(5, itemname);
    ps.setString(6, unitprice);
    ps.setString(7, availunits);

    int success = ps.executeUpdate();
    if(success!=0){
        System.out.println("successfully created the advertisement");
    }

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

}

}
```