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

/**
 * Servlet implementation class SignUp
 */
public class SignUp 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();
        }

        int i;
        String username = request.getParameter("username");
        String firstname = request.getParameter("firstname");
        String lastname = request.getParameter("lastname");
        String email = request.getParameter("email");
        String dob = request.getParameter("dob");
        String address = request.getParameter("addr");
        String city = request.getParameter("city");
        String state = request.getParameter("state");
        String zip = request.getParameter("zip");
        String telephone = request.getParameter("telephone");
        String password = request.getParameter("password");
        String sex = request.getParameter("sex");
        String pref[] = request.getParameterValues("pref");

        boolean success = false;

        String sql1 = "insert into CSETEAM61.ZIPLOCATION values (?, ?, ?)";
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String sql2 = "insert into CSETEAM61.USERS values (?, ?, ?, ?, ?, ?, ?, ?)";
String sql3 = "insert into CSETEAM61.PREFERENCES values (?, ?)";
String sql4 = "insert into CSETEAM61.LOGININFO values (?, ?)";
String sql5 = "insert into CSETEAM61.PHONENUMBER values (?, ?, ?)";
String page = "insert into CSETEAM61.USERTOPAGE values (?, ?)";
String page1 = "select max(PAGEID) from CSETEAM61.USERTOPAGE";
```

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try {
    PreparedStatement ps1 = con.prepareStatement(sql1);
    PreparedStatement ps2 = con.prepareStatement(sql2);
    PreparedStatement ps3 = con.prepareStatement(sql3);
    PreparedStatement ps4 = con.prepareStatement(sql4);
    PreparedStatement ps5 = con.prepareStatement(sql5);

    ps1.setString(1, zip);
    ps1.setString(2, city);
    ps1.setString(3, state);

    ps2.setString(1, username);
    ps2.setString(2, firstname);
    ps2.setString(3, lastname);
    ps2.setString(4, sex);
    ps2.setString(5, email);
    ps2.setString(6, dob);
    ps2.setString(7, address);
    ps2.setString(8, zip);

    ps4.setString(1, username);
    ps4.setString(2, password);

    ps5.setString(1, username);
    ps5.setString(2, "home");
    ps5.setString(3, telephone);

    int rs1 = ps1.executeUpdate();
    int rs2 = ps2.executeUpdate();
    int rs3 = 1;

    for (i = 0; i < pref.length; i++) {

        ps3.setString(1, username);
        ps3.setString(2, pref[i]);
        rs3 &= ps3.executeUpdate();
    }

    int rs4 = ps4.executeUpdate();
    int rs5 = ps5.executeUpdate();

    ResultSet rs = null;
    ps1 = con.prepareStatement(page1);
    rs = ps1.executeQuery();
    rs.next();
}
```

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

ps1 = con.prepareStatement(page);
ps1.setString(1, Integer.toString(count));
ps1.setString(2, username);
rs5 &= ps1.executeUpdate();

if((rs1 & rs2 & rs3 & rs4 & rs5) != 0){
    success = true;
    System.out.println("database entry success");

    response.sendRedirect("Login.jsp");

}
} catch (SQLException e) {

    e.printStackTrace();
}
finally{
    try {
        con.close();
    } catch (SQLException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }
}

}

}
```