package com.db;

import java.sql.\*;

import java.util.ArrayList;

import java.util.logging.Level;

import java.util.logging.Logger;

import com.db.DBConn;

public class DBConn {

public static void main(String[] args) throws Exception {

}

static String url = "jdbc:mysql://localhost:3306/";

static String dbName = "mydb";

static String driver = "com.mysql.jdbc.Driver";

static String userName = "root";

static String password = "";

static Connection connection = null;

static Statement statement = null;

public static Connection getConnection() throws Exception {

Class.forName(driver).newInstance();

connection = DriverManager.getConnection(url + dbName, userName, password);

return connection;

}

public static Statement connect() throws Exception {

try {

// If we are going to insert a Duplicate entry for PRIMARYKEY, we will get an exception

// com.mysql.jdbc.exceptions.jdbc4.MySQLIntegrityConstraintViolationException

connection = getConnection();

statement = connection.createStatement();

//System.out.println("Connected to the database");

} catch (Exception e) {

e.printStackTrace();

}

return statement;

}

public static void close() {

try {

connection.close();

} catch (SQLException ex) {

Logger.getLogger(DBConn.class.getName()).log(Level.SEVERE, null, ex);

}

}

public static long getInsertId() {

try {

Object[] insertIds = getInsertIds();

return Long.parseLong("" + insertIds[0]);

} catch (Exception e) {

return -1;

}

}

public static Object[] getInsertIds() {

try {

if (statement != null) {

DBConn.statement = statement;

} else {

statement = DBConn.statement;

}

ResultSet generatedKeys = statement.getGeneratedKeys();

ArrayList<Long> keys = new ArrayList<Long>();

while (generatedKeys.next()) {

keys.add(generatedKeys.getLong(1));

}

return keys.toArray();

} catch (Exception e) {

System.out.println(e.getLocalizedMessage());

return null;

}

}

}