**Student Management**

import java.sql.\*;

import java.sql.DriverManager;

public class login extends javax.swing.JFrame {

Connection conn = null;

Statement stmt;

public void connectdb(){

try {

String dbURL = "jdbc:sqlserver://RCSE-151\\SQLEXPRESS:1433;databaseName=22CS102";

String user = "sa";

String pass = "password";

conn = DriverManager.getConnection(dbURL, user, pass);

if (conn != null) {

DatabaseMetaData dm = (DatabaseMetaData) conn.getMetaData();

System.out.println("Product name: " + dm.getDatabaseProductName());

}

}

catch (SQLException ex) {

ex.printStackTrace();

}

}

// insert records into table

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) try{

connectdb();

stmt = conn.createStatement();

System.out.println("Inserting records into the table...");

String sql = "INSERT INTO dbo.test VALUES ('"+jTextField1.getText()+"','"+jPasswordField1.getText()+"')";

stmt.executeUpdate(sql);

System.out.println("Inserted records into the table...");

}

catch(SQLException ex){

ex.printStackTrace();

}

}

// update records into table

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) try{

connectdb();

stmt = conn.createStatement();

System.out.println("updating records into the table...");

String sql = "UPDATE dbo.test " + "SET password = '"+jPasswordField1.getText()+"' WHERE username='"+jTextField1.getText()+"' ";

stmt.executeUpdate(sql);

System.out.println("updated records into the table...");

}

catch(SQLException ex){

ex.printStackTrace();

}

}

//delete records from table

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt)

try{

connectdb();

stmt = conn.createStatement();

System.out.println("deleting records into the table...");

String sql = "delete from dbo.test where username='"+jTextField1.getText()+"' ";

stmt.executeUpdate(sql);

System.out.println("deleted records in the table...");

}

catch(SQLException ex){

ex.printStackTrace();

}}

//Select statement

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt)

try{

connectdb();

ResultSet rset;

rset = stmt.executeQuery("select \* from dbo.test");

String name, password;

while (rset.next()) {

name = rset.getString("name").trim();

password = rset.getString("password ").trim();

System.out.println("Username : " + name + " password : " + password );

}

rset.close();

stmt.close();

conn.close();

}

catch(SQLException ex){

ex.printStackTrace();

}}

}