



using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Data;

using System.Data.SqlClient;

namespace QLSV

{

class MY\_DB

{

SqlConnection con = new SqlConnection(@"Data Source=(localdb)\MSSQLLocalDB;Initial Catalog=QLSVDB;Integrated Security=True;Connect Timeout=30;Encrypt=False;TrustServerCertificate=False;ApplicationIntent=ReadWrite;MultiSubnetFailover=False");

// get the connection

public SqlConnection getConnection

{

get

{

return con;

}

}

// open the connection

public void openConnection()

{

if ((con.State == ConnectionState.Closed))

{

con.Open();

}

}

// close the connection

public void closeConnection()

{

if ((con.State == ConnectionState.Open))

{

con.Close();

}

}

}

}

🡺Using ChatGPT

using System;

using System.Data.SqlClient;

using System.Windows.Forms;

namespace LoginDemo

{

public partial class LoginForm : Form

{

private SqlConnection connection = new SqlConnection("Data Source=localhost;Initial Catalog=LoginDemo;Integrated Security=True");

public LoginForm()

{

InitializeComponent();

}

private void btnLogin\_Click(object sender, EventArgs e)

{

string username = txtUsername.Text;

string password = txtPassword.Text;

// Perform some validation here

if (string.IsNullOrEmpty(username) || string.IsNullOrEmpty(password))

{

MessageBox.Show("Please enter your username and password.");

return;

}

// Check if the username and password are correct

if (VerifyLogin(username, password))

{

// Login successful, show the main form

MainForm mainForm = new MainForm();

mainForm.Show();

this.Hide();

}

else

{

MessageBox.Show("Invalid username or password.");

}

}

private bool VerifyLogin(string username, string password)

{

// Check the SQL table for a matching username and password

SqlCommand command = new SqlCommand("SELECT COUNT(\*) FROM Users WHERE Username=@username AND Password=@password", connection);

command.Parameters.AddWithValue("@username", username);

command.Parameters.AddWithValue("@password", password);

connection.Open();

int count = (int)command.ExecuteScalar();

connection.Close();

return count > 0;

}

private void btnCancel\_Click(object sender, EventArgs e)

{

// Close the form

this.Close();

}

}

}