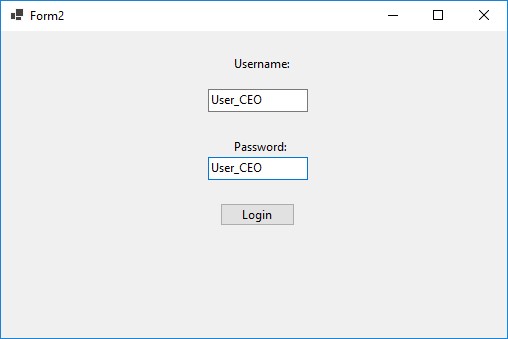
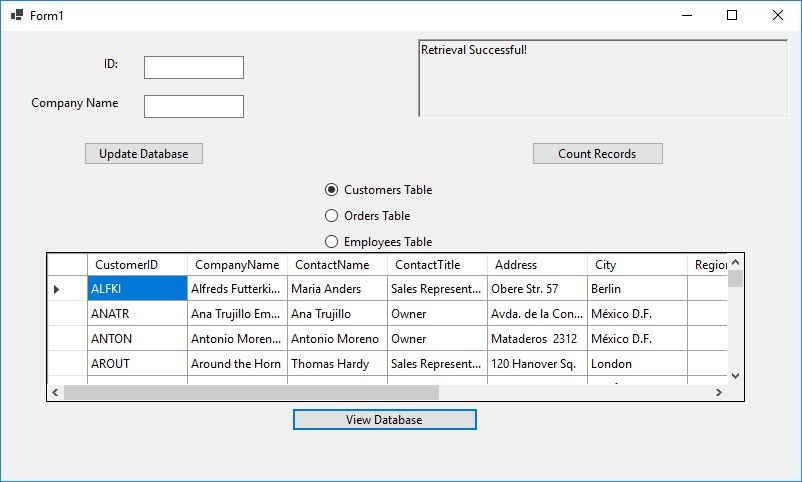
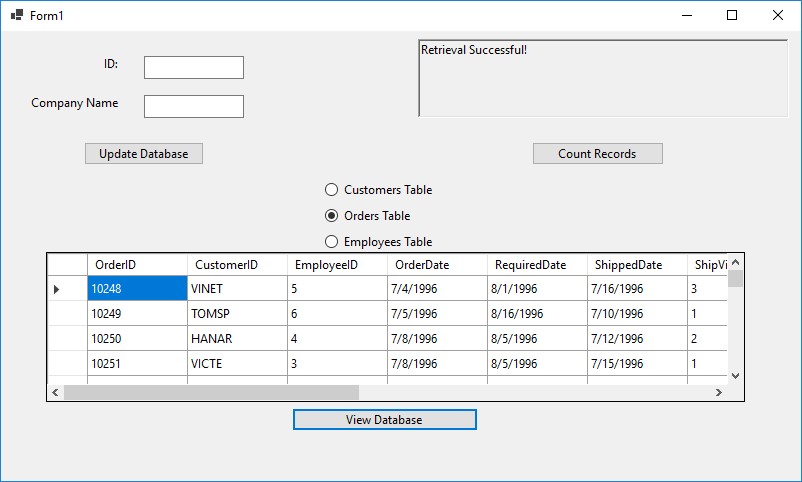
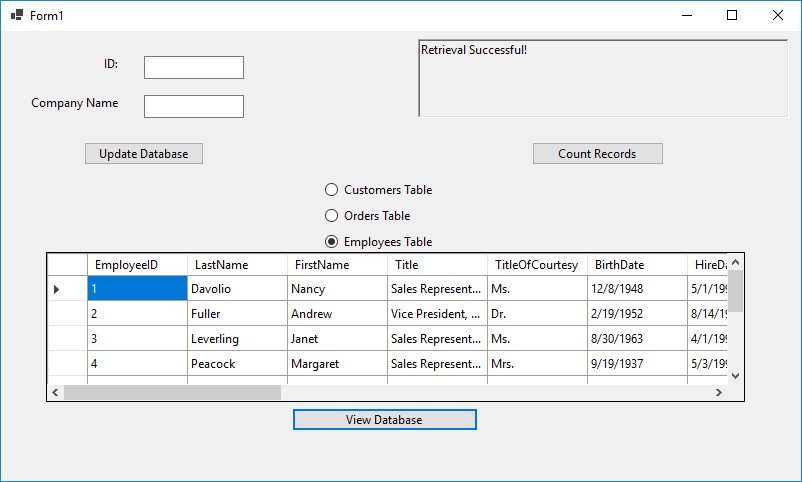


**Logging in as User\_CEO:**

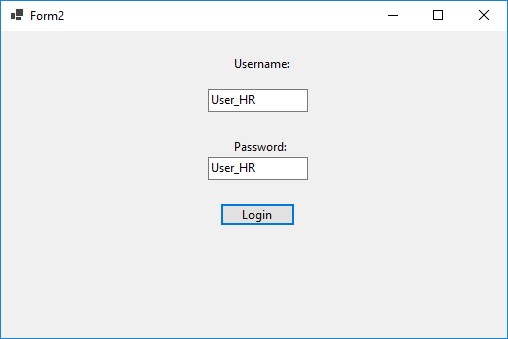


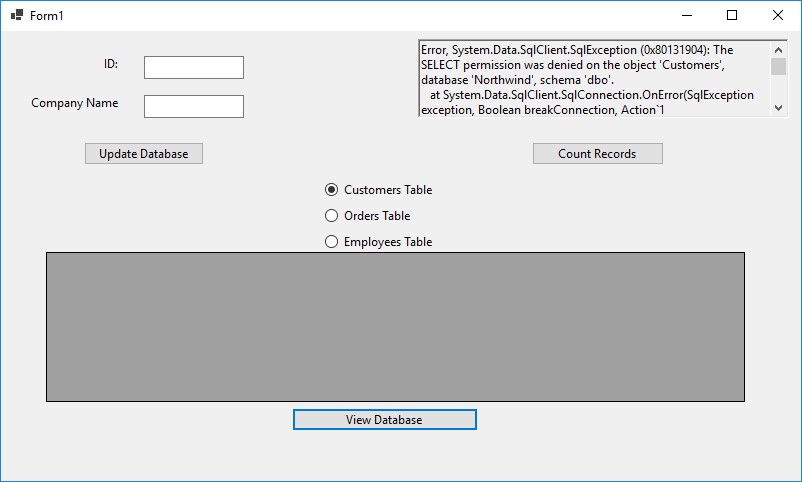


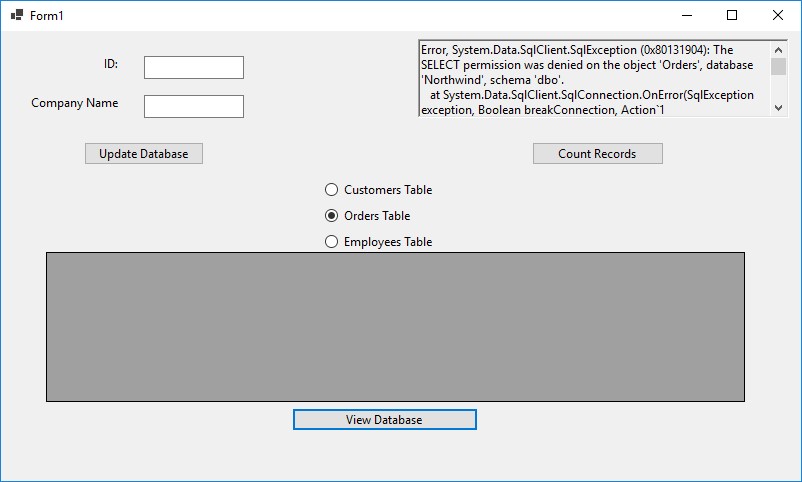


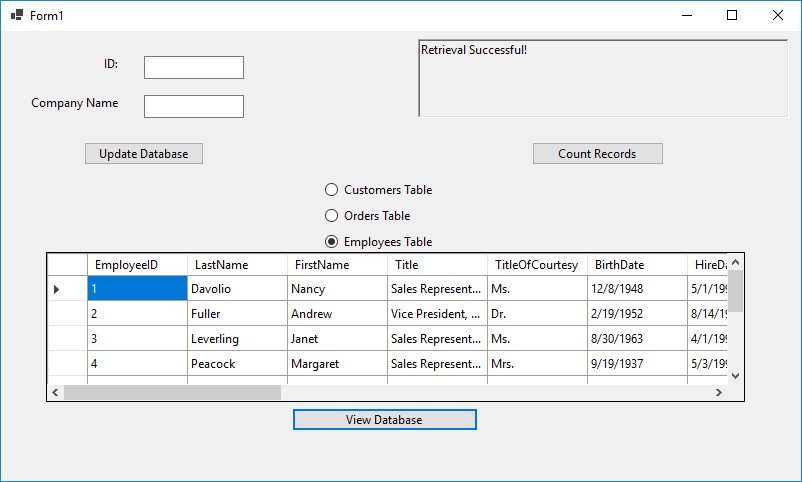


**Logging in as User\_HR:**

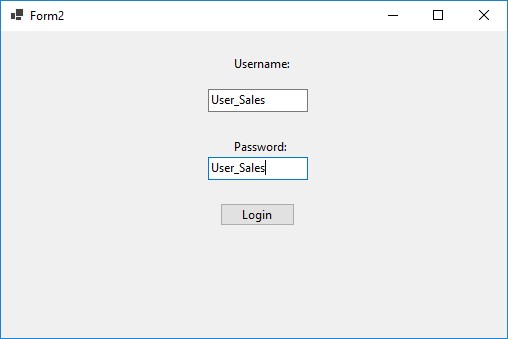


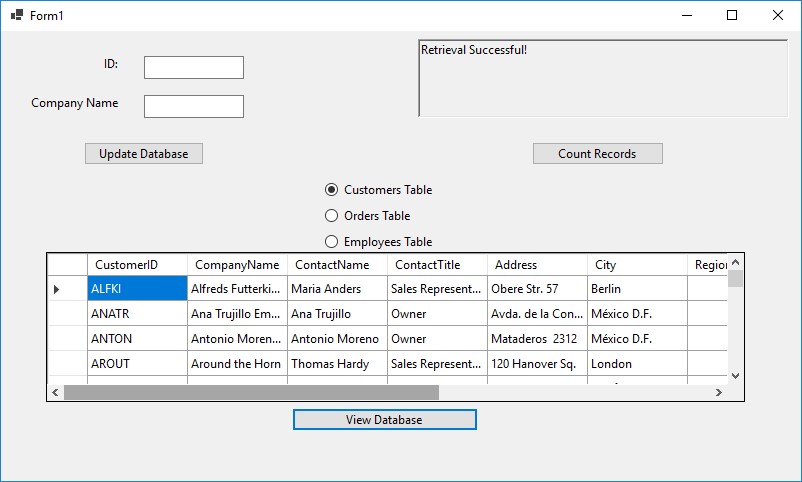


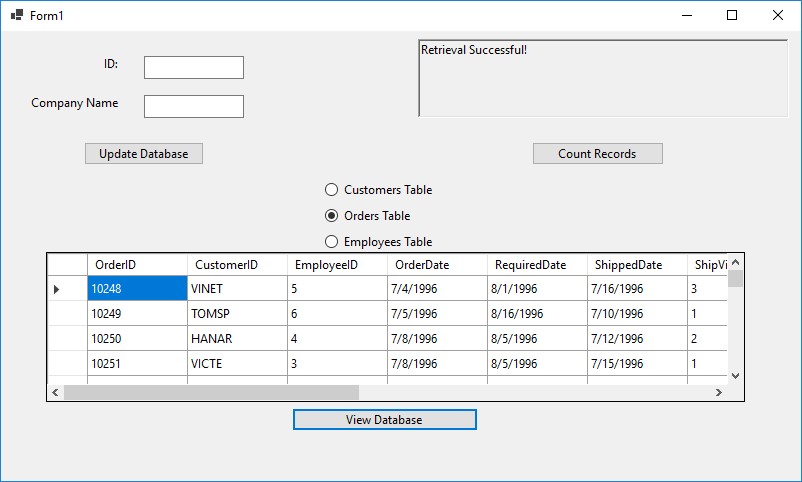


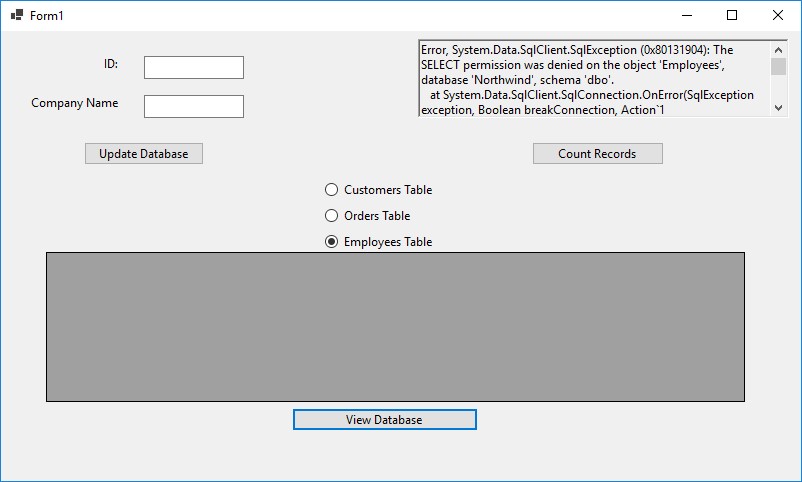


**Logging in as User\_Sales:**









**frmLogin.cs Code:**

using System;

using System.Collections.Generic; using System.ComponentModel; using System.Data; using System.Data.SqlClient; using System.Drawing; using System.Linq; using System.Text; using System.Threading.Tasks; using System.Windows.Forms; using System.Diagnostics;

namespace IT481\_Unit2

{

public partial class frmLogin : Form

{

public frmLogin()

{

InitializeComponent();

}

private void textBox2\_TextChanged(object sender, EventArgs e)

{

} public static string username = ""; public static string password = "";

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

{

//SqlConnection connection = new SqlConnection(@"Data

Source=(local)\SQLEXPRESS;Initial Catalog=Northwind;Integrated Security=True"); username = txtUsername.Text; password = txtPassword.Text; if (username == "" || password == "")

{

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

} else {

var datasource = @"(local)\SQLEXPRESS"; var database = "Northwind"; var thisUsername = username; var thisPassword = password;

string connString = @"Data Source=" + datasource + ";Initial Catalog=" + database + ";Persist Security Info=True;User ID=" + username + ";Password=" + password;

SqlConnection conn = new SqlConnection(connString);

try {

conn.Open();

//MessageBox.Show("Connection Successful");

Form1 frm1 = new Form1();

frm1.Show();

}

catch (Exception ex)

{

MessageBox.Show("Error: " + ex.Message);

}

}

}

}

}

**Form1.cs Code:**

using System;

using System.Collections.Generic; using System.ComponentModel; using System.Data; using System.Data.SqlClient; using System.Drawing; using System.Linq; using System.Text; using System.Threading.Tasks; using System.Windows.Forms; using System.Diagnostics;

namespace IT481\_Unit2

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void Form1\_Load(object sender, EventArgs e) {

System.Diagnostics.Debug.WriteLine("Form1\_Load() called..."); txtMessageText.Text = "Startup..."; try {

/\*

System.Diagnostics.Debug.WriteLine("within the try");

SqlConnection connection = new SqlConnection(@"Data

Source=(local)\SQLEXPRESS;Initial Catalog=Northwind;Integrated Security=True"); connection.Open();

txtMessageText.Text = "Connection Successful"; connection.Close();

\*/

var datasource = @"(local)\SQLEXPRESS"; var database = "Northwind";

var thisUsername = frmLogin.username; var thisPassword = frmLogin.password;

string connString = @"Data Source=" + datasource + ";Initial Catalog=" + database + ";Persist Security Info=True;User ID=" + thisUsername + ";Password=" + thisPassword;

SqlConnection conn = new SqlConnection(connString); conn.Open();

txtMessageText.Text = "Connection Successful on Startup"; conn.Close();

}

catch (Exception ex)

{

txtMessageText.Text = "Error, " + ex;

}

}

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

{

string currentTable = ""; if (radCustomers.Checked)

{

currentTable = "Customers"; } else if (radEmployee.Checked)

{

currentTable = "Employees";

} else if (radOrders.Checked)

{

currentTable = "Orders";

}

dataGridView1.DataSource = null;

try

{

SqlCommand command = new SqlCommand();

//SqlConnection connection = new SqlConnection(@"Data

Source=(local)\SQLEXPRESS;Initial Catalog=Northwind;Integrated Security=True"); var datasource = @"(local)\SQLEXPRESS"; var database = "Northwind"; var thisUsername = frmLogin.username; var thisPassword = frmLogin.password;

string connString = @"Data Source=" + datasource + ";Initial Catalog=" + database + ";Persist Security Info=True;User ID=" + thisUsername + ";Password=" + thisPassword;

SqlConnection conn = new SqlConnection(connString); conn.Open();

txtMessageText.Text = "Retrieving Records..."; command.Connection = conn;

command.CommandText = "select \* from " + currentTable;

SqlDataAdapter da = new SqlDataAdapter(command);

DataTable dt = new DataTable(); da.Fill(dt);

dataGridView1.DataSource = dt;

txtMessageText.Text = "Retrieval Successful!"; conn.Close();

}

catch (Exception ex)

{

txtMessageText.Text = "Error, " + ex;

}

}

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

{

SqlCommand command = new SqlCommand();

SqlConnection connection = new SqlConnection(@"Data

Source=(local)\SQLEXPRESS;Initial Catalog=Northwind;Integrated Security=True"); connection.Open();

txtMessageText.Text = "Inserting Record..."; command.Connection = connection;

command.CommandText = "insert into Customers (ID, Company) values('" + txtID.Text + "','" + txtCompanyName.Text + "')"; command.ExecuteNonQuery();

txtMessageText.Text = "Record Inserted..."; connection.Close();

}

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

{

SqlCommand command = new SqlCommand();

SqlConnection connection = new SqlConnection(@"Data

Source=(local)\SQLEXPRESS;Initial Catalog=Northwind;Integrated Security=True"); connection.Open();

txtMessageText.Text = "Counting Records..."; command.Connection = connection;

command.CommandText = "select count(\*) from Customers"; int count = (int)command.ExecuteScalar(); txtMessageText.Text = "Number of records: " + count; connection.Close();

}

}

}