

```
1 using System;
2 using System.Collections.Generic;
3 using System.ComponentModel;
4 using System.Data;
5 using System.Drawing;
6 using System.Linq;
7 using System.Text;
8 using System.Threading.Tasks;
9 using System.Windows.Forms;
10
11 namespace Assignment5UserInterface
12 {
13     public partial class FrmIncidentsByCustomerByState : Form
14     {
15         DataClassesDataContext myContext = new DataClassesDataContext();
16         public FrmIncidentsByCustomerByState()
17         {
18             InitializeComponent();
19         }
20
21         private void FrmIncidentsByCustomerByState_Load(object sender, EventArgs e)
22         {
23             var states = from state in myContext.States
24                         orderby state.StateName ascending
25                         select new { state.StateCode, state.StateName };
26             cboStateName.DataSource = states;
27             cboStateName.DisplayMember = "StateName";
28             cboStateName.ValueMember = "StateCode";
29             cboStateName.SelectedIndex = -1;
30         }
31
32         private void cboStateName_SelectionChangeCommitted(object sender, EventArgs e)
33         {
34             string stateCode = cboStateName.SelectedValue.ToString();
35             var selectedState = (from aState in myContext.Customers
36                                where aState.State == stateCode &&
37                                select aState);
38             customerBindingSource.Clear();
39             customerBindingSource.DataSource = selectedState;
40
41         }
42
43         private void btnExit_Click(object sender, EventArgs e)
44         {
45             Application.Exit();
46         }
47     }
48 }
```

```
47
48     private void customerDataGridView_SelectionChanged(object sender,      ↗
49         EventArgs e)
50     {
51         if(customerDataGridView.SelectedRows.Count > 0)
52         {
53             int custID = int.Parse(customerDataGridView.SelectedCells      ↗
54                 [0].Value.ToString());
55             var selectedCustomer = (from aCustomer in myContext.Incidents
56                                     where aCustomer.CustomerID == custID
57                                     select aCustomer);
56             incidentBindingSource.Clear();
57             incidentBindingSource.DataSource = selectedCustomer;
58         }
59     }
60 }
61 }
62
```