

Form1

Celsius

6
7
8
9
10
11
12
13
14
15
16
17
18
19
20

Fahrenheit

38
39
40
41
42
43
44
45
46
47
48
49
50
51
52

equates to

Exit

This image shows a Windows application window titled "Form1". The window contains two vertical lists of numbers. The left list is labeled "Celsius" and contains the numbers 6 through 20. The right list is labeled "Fahrenheit" and contains the numbers 38 through 52. In the center, between the two lists, is the text "equates to". At the bottom of the window is a button labeled "Exit". The window has standard operating system window controls (minimize, maximize, close) at the top.

```
namespace CtoF_CalebFontenot
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void calculateButton_Click(object sender, EventArgs e)
        {

            // Write to textbox.
            //fahrenheitTextBox.Text = fahrenheit.ToString();
        }

        private void exitButton_Click(object sender, EventArgs e)
        {
            this.Close();
        }

        private void Form1_Load(object sender, EventArgs e)
        {
            // Define variables
            double fahrenheit, celsius;

            // Populate Celcius list
            for (int i = 0; i <= 20; i++)
            {
                celsiusListBox.Items.Add(i.ToString());
            }

            // Compute!

            for (int i = 0; i < celsiusListBox.Items.Count; i++)
            {
                celsius = Double.Parse(celsiusListBox.Items[i].ToString());
                fahrenheit = ((9 / 5) * celsius) + 32;
                fahrenheitListBox.Items.Add(fahrenheit.ToString());
            }
        }
    }
}
```