

Form1

Cups to Fluid Ounces Converter

Cups:

Fluid Ounces:

```
namespace lab6_4_CalebFontenot
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        /*
        * The CupsToOunces method accepts a number of cups as an argument and returns the
        equivalent number of fluid ounces.
        */
        private double CupsToOunces(double cups)
        {
            return cups * 8.0;
        }
        private void convertButton_Click(object sender, EventArgs e)
        {
            double cups, ounces = 0;

            // Get the number of cups.
            if (double.TryParse(cupsTextBox.Text, out cups))
            {
                // Convert the cups to ounces.
                ounces = CupsToOunces(cups);

                // Display the ounces
                ouncesTextBox.Text = ounces.ToString("n1");
            }
            else
            {
                // Display an error message.
                MessageBox.Show("Enter a valid number.");
            }
        }
        private void exitButton_Click(object sender, EventArgs e)
        {
            this.Close();
        }
    }
}
```