using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Windows.Forms;

namespace Fuel\_Economy\_with\_TryParse

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

double miles; // To hold miles driven

double gallons; // To hold gallons used

double mpg; // To hold MPG

// Validate the milesTextBox control.

if (double.TryParse(milesTextBox.Text, out miles))

{

// Validata the gallonsTextBox control.

if (double.TryParse(gallonsTextBox.Text, out gallons))

{

// Calculate MPG.

mpg = miles / gallons;

// Display the MPG in the mpgLabel control.

mpgLabel.Text = mpg.ToString("n1");

}

else

{

// Display an error message for gallonsTextBox.

MessageBox.Show("Invalid input for gallons.");

}

}

else

{

// Display an error message for milesTextBox.

MessageBox.Show("Invalid input for miles.");

}

}

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

{

// Close the form.

this.Close();

}

}

}