using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.Windows.Forms;

namespace WindowsFormsApp1

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

}

private double doOperation(double val1, double val2, string operation)

{

Double wynik = 0.00;

switch (operation)

{

case "+":

wynik = val1 + val2;

break;

case "-":

wynik = val1 - val2;

break;

case "\*":

wynik = val1 \* val2;

break;

case "/":

wynik = val1 / val2;

break;

}

return wynik;

}

private void handleClose()

{

System.Windows.Forms.Application.Exit();

}

private boolean canDivision(double val2, string operation)

{

if(val2 == 0.00 && operation.Equals("/"))

{

return false;

}

return true;

}

//operation button

private void button1\_Click(object sender, EventArgs e)

{

String val1 = textBox1.Text.ToString();

String sign = comboBox1.Text.ToString();

String val2 = textBox2.Text.ToString();

Boolean isVal1Number = double.TryParse(val1, out double val1Double);

Boolean isVal2Number = double.TryParse(val2, out double val2Double);

if (isVal1Number && isVal2Number && this.canDivision())

{

textBox3.Text = this.doOperation(val1Double, val2Double, sign).ToString();

}

else

{

textBox3.Text = "Błędne dane wejściowe";

}

}

private void textBox1\_TextChanged(object sender, EventArgs e)

{

}

//clear button

private void button2\_Click(object sender, EventArgs e)

{

textBox3.Text = "";

}

//close button

private void button4\_Click(object sender, EventArgs e)

{

this.handleClose();

}

}

}