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 HW

{

public partial class frm\_Lab5\_Form3 : Form

{

public frm\_Lab5\_Form3()

{

InitializeComponent();

}

private void button6\_Click(object sender, EventArgs e)

{

if (textBox1.Text.Trim() == "")

{

MessageBox.Show("Enter Number in Box 1");

}

else if (textBox2.Text.Trim() == "")

{

MessageBox.Show("Enter Number in Box 2");

}

else

{

string op = label4.Text;

switch (op)

{

case "+":

textBox3.Text = double.Parse(textBox1.Text) + " + " + double.Parse(textBox2.Text) + " = " + Convert.ToString(double.Parse(textBox1.Text) + double.Parse(textBox2.Text));

break;

case "-":

textBox3.Text = double.Parse(textBox1.Text) + " - " + double.Parse(textBox2.Text) + " = " + Convert.ToString(double.Parse(textBox1.Text) - double.Parse(textBox2.Text));

break;

case "\*":

textBox3.Text = double.Parse(textBox1.Text) + " - " + double.Parse(textBox2.Text) + " = " + Convert.ToString(double.Parse(textBox1.Text) \* double.Parse(textBox2.Text));

break;

case "/":

if (double.Parse(textBox2.Text) != 0)

{

textBox3.Text = double.Parse(textBox1.Text) + " / " + double.Parse(textBox1.Text) + " = " + Convert.ToString(double.Parse(textBox1.Text) / double.Parse(textBox2.Text));

break;

}

else

{

MessageBox.Show("Error Divtion by Zero !");

textBox2.Text = "";

textBox2.Focus();

}

break;

default:

MessageBox.Show("Invald Opertio !");

break;

}

}

}

private void button14\_Click(object sender, EventArgs e)

{

textBox1.Text = textBox2.Text = textBox3.Text = " ";

textBox1.Focus();

}

private void frm\_Lab5\_Form3\_Load(object sender, EventArgs e)

{

// Hide all of panels

panel1.Visible = false;

// for loaction of panel 1,2,3,4

panel1.Location = new Point(40, 70);

// size of form like nav or abr + - \* /

this.Height = button1.Height + 100;

this.Width = button14.Left + button14.Width + 250;

// all textboxs of enter in on Event

textBox2.KeyPress += textBox1\_KeyPress;

}

void VisbeAndHeigth(string op)

{

panel1.Visible = true;

Height = panel1.Height \* 2;

label4.Text = op;

}

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

{

panel1.BackColor = Color.Yellow;

VisbeAndHeigth("+");

}

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

{

panel1.BackColor = Color.Purple;

VisbeAndHeigth("-");

}

private void button3\_Click(object sender, EventArgs e)

{

panel1.BackColor = Color.Pink;

VisbeAndHeigth("\*");

}

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

{

panel1.BackColor = Color.FromArgb(50,50,80,20);

VisbeAndHeigth("/");

}

private void btnclose1\_Click(object sender, EventArgs e)

{

frm\_Lab5\_Form3\_Load(null, null);

}

private void textBox1\_KeyPress(object sender, KeyPressEventArgs e)

{

if ((e.KeyChar < '0' || e.KeyChar > '9') && (e.KeyChar != 8))

e.Handled = true;

}

}

}