IronMan\_Calculator

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 Cal\_WindowsFormsApp\_1

{

public partial class Form1 : Form

{

double FirstNumber;

string Operation;

public Form1()

{

InitializeComponent();

}

/\* private void button18\_Click(object sender, EventArgs e)

{

if (screen.Text == "0" && screen.Text != null)

{

screen.Text = "1";

}

else

{

screen.Text = screen.Text + "1";

}

}\*/

private void btn1\_Click(object sender, EventArgs e)

{

if (screen.Text == "0" && screen.Text != null)

{

screen.Text = "1";

}

else

{

screen.Text = screen.Text + "1";

}

}

private void btn2\_Click(object sender, EventArgs e)

{

if (screen.Text == "0" && screen.Text != null)

{

screen.Text = "2";

}

else

{

screen.Text = screen.Text + "2";

}

}

private void btn3\_Click(object sender, EventArgs e)

{

if (screen.Text == "0" && screen.Text != null)

{

screen.Text = "3";

}

else

{

screen.Text = screen.Text + "3";

}

}

private void btn4\_Click(object sender, EventArgs e)

{

if (screen.Text == "0" && screen.Text != null)

{

screen.Text = "4";

}

else

{

screen.Text = screen.Text + "4";

}

}

private void btn5\_Click(object sender, EventArgs e)

{

if (screen.Text == "0" && screen.Text != null)

{

screen.Text = "5";

}

else

{

screen.Text = screen.Text + "5";

}

}

private void btn6\_Click(object sender, EventArgs e)

{

if (screen.Text == "0" && screen.Text != null)

{

screen.Text = "6";

}

else

{

screen.Text = screen.Text + "6";

}

}

private void btn7\_Click(object sender, EventArgs e)

{

if (screen.Text == "0" && screen.Text != null)

{

screen.Text = "7";

}

else

{

screen.Text = screen.Text + "7";

}

}

private void btn8\_Click(object sender, EventArgs e)

{

if (screen.Text == "0" && screen.Text != null)

{

screen.Text = "8";

}

else

{

screen.Text = screen.Text + "8";

}

}

private void btn9\_Click(object sender, EventArgs e)

{

if (screen.Text == "0" && screen.Text != null)

{

screen.Text = "9";

}

else

{

screen.Text = screen.Text + "9";

}

}

private void btn0\_Click(object sender, EventArgs e)

{

screen.Text = screen.Text + "0";

}

private void btn\_plus\_Click(object sender, EventArgs e)

{

FirstNumber = Convert.ToDouble(screen.Text);

screen.Text = "0";

Operation = "+";

}

private void btn\_minus\_Click(object sender, EventArgs e)

{

FirstNumber = Convert.ToDouble(screen.Text);

screen.Text = "0";

Operation = "-";

}

private void btn\_multi\_Click(object sender, EventArgs e)

{

FirstNumber = Convert.ToDouble(screen.Text);

screen.Text = "0";

Operation = "\*";

}

private void btn\_divide\_Click(object sender, EventArgs e)

{

FirstNumber = Convert.ToDouble(screen.Text);

screen.Text = "0";

Operation = "/";

}

private void btn\_clear\_Click(object sender, EventArgs e)

{

screen.Text = "0";

}

private void btn\_dot\_Click(object sender, EventArgs e)

{

screen.Text = ".";

}

private void btn\_equal\_Click(object sender, EventArgs e)

{

double SecondNumber;

double Result;

SecondNumber = Convert.ToDouble(screen.Text);

if (Operation == "+")

{

Result = (FirstNumber + SecondNumber);

screen.Text = Convert.ToString(Result);

FirstNumber = Result;

}

if(Operation == "-")

{

Result = (FirstNumber - SecondNumber);

screen.Text = Convert.ToString(Result);

FirstNumber = Result;

}

if (Operation == "\*")

{

Result = (FirstNumber \* SecondNumber);

screen.Text = Convert.ToString(Result);

FirstNumber = Result;

}

if (Operation == "/")

{

if (SecondNumber == 0)

{

screen.Text = "Can't divided by zero";

}

else

{

Result = (FirstNumber / SecondNumber);

screen.Text = Convert.ToString(Result);

FirstNumber = Result;

}

}

}

}

}



