PROG1017

Memo

|  |  |
| --- | --- |
| To: | Cathy Burchill |
| From: | Hunter McQuinn |
| Date: | October 6, 2022 |
| Re: | Lab # 2 |

During this assignment I didn’t encounter any problems. The only thing I had encountered that stumped me for a moment was adding the lblTopic to the description label as a variable rather then a static string. I fixed this by adding a runtime concatenation, so it didn’t keep adding the text.

This assignment took roughly an hour to complete.

Code

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 McQuinnLab2

{

public partial class Form1 : Form

{

/// <summary>

/// Name: Hunter McQuinn

/// 2022-10-06

/// This program takes an inputted number and multiplies it by another inputted number.

/// It also displays an image and description of the image.

/// </summary>

public Form1()

{

InitializeComponent();

lblPicBox.Text = "My topic is " + lblTopic.Text + "\n\n" + lblPicBox.Text;

}

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

{

///This button closes the program

this.Close();

}

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

{

///This button displays the image

picImage.Show();

lblPicBox.Hide();

}

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

{

///This displays the label and hides the image

picImage.Hide();

lblPicBox.Show();

}

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

{

///This button hides both Data and Picture

lblPicBox.Hide();

picImage.Hide();

}

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

{

///This button takes the data from number and multiplies it by multiplier and puts teh product in answer

int num1=Convert.ToInt16(txtNumber.Text), num2 = Convert.ToInt16(txtMultiplier.Text), answer = num1\*num2;

lblAnswer.Text = answer.ToString();

}

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

{

///This button resets the number multiplier and answer fields

txtNumber.Text = "";

txtMultiplier.Text = "";

lblAnswer.Text = "";

}

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

{

///This displayes a message box when teh image is clicked

MessageBox.Show("This is an image of a beautiful breakfast burger","Hunter");

}

}

}