

## Home work 1

```
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 lab_2
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
            button1.Enabled = button2.Enabled = button3.Enabled =
            button4.Enabled = false;
        }

        private void label3_Click(object sender, EventArgs e)
        {
        }

        private void textBox3_TextChanged(object sender, EventArgs e)
        {
        }

        private void textBox2_KeyPress(object sender, KeyPressEventArgs e)
        {
            if ((e.KeyChar <= 47 || e.KeyChar >= 58) && (e.KeyChar != 8) &&
            (e.KeyChar != 45) && (e.KeyChar != 46))
                e.Handled = true;
        }

        private void textBox1_KeyPress(object sender, KeyPressEventArgs
e)//تم التأشير عليه
        {
        }

        private void button1_Click(object sender, EventArgs e)
        {
            textBox3.Text = (Convert.ToDouble(textBox1.Text) +
            Convert.ToDouble(textBox2.Text)).ToString();
        }

        private void textBox1_TextChanged(object sender, EventArgs e)// للتخفيف
        textboks2 الذي يوشر على جميع خصائص ال textbox1 من الاكواد نقوم بكتابه
        {
        }

        private void textBox2_TextChanged(object sender, EventArgs e)
        {
        }
    }
}
```

```

    {
        if (textBox1.Text != "" && textBox2.Text != "")
        {
            button1.Enabled = button2.Enabled = button3.Enabled =
button4.Enabled = true;
        }
        else
        {
            button1.Enabled = false;
            button2.Enabled = false;
            button3.Enabled = false;
            button4.Enabled = false;
        }
    }

    private void button2_Click(object sender, EventArgs e)
    {
        if (textBox2.Text != "0")
        {
            textBox3.Text = (Convert.ToDouble(textBox1.Text) /
Convert.ToDouble(textBox2.Text)).ToString();
        }
        else
        {
            MessageBox.Show("divided by zero!!");
        }
    }

    private void button3_Click(object sender, EventArgs e)
    {
        textBox3.Text = (Convert.ToDouble(textBox1.Text) -
Convert.ToDouble(textBox2.Text)).ToString();
    }

    private void button4_Click(object sender, EventArgs e)
    {
        textBox3.Text = (Convert.ToDouble(textBox1.Text) *
Convert.ToDouble(textBox2.Text)).ToString();
    }

    private void Form1_Load(object sender, EventArgs e)
    {
        textBox1.TextChanged += textBox2_TextChanged; // خصائص البوتون الاول
        للثاني
        textBox1.KeyPress += textBox2_KeyPress;
        textBox3.ReadOnly = true;
        this.Text = "calculater";
        textBox3.ForeColor = Color.RoyalBlue;
    }
}

```

Form1

number one

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the input

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