

CPS – Etec de Taboão da Serra

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## **Criando Layout de Tela**

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## Código do Programa:

```
/*
 * Created by SharpDevelop.
 * User: Rm20222930058
 * Date: 12/04/2023
 * Time: 10:50
 *
 * To change this template use Tools | Options | Coding | Edit Standard Headers.
 */
using System;
using System.Collections.Generic;
using System.Drawing;
using System.Windows.Forms;

namespace Atividade_2
{
    public partial class MainForm : Form
    {
        public MainForm()
        {
            InitializeComponent();

            TextBox txt1 = new TextBox();
            TextBox txt2 = new TextBox();
            TextBox txt3 = new TextBox();

            void MainFormLoad(object sender, EventArgs e)
            {
                Button bt1 = new Button();
                bt1.Parent = this;
                bt1.Left = 100;
                bt1.Top = 130;
                bt1.BackColor = Color.Purple;
                bt1.Text = "Somar";
                bt1.Click += Bt1Click;

                Button bt2 = new Button();
                bt2.Parent = this;
                bt2.Left = 100;
                bt2.Top = 160;
                bt2.BackColor = Color.DarkViolet;
                bt2.Text = "Subtrair";
                bt2.Click += Bt2Click;

                Button bt3 = new Button();
                bt3.Parent = this;
```

```

bt3.Left = 180;
bt3.Top = 130;
bt3.BackColor = Color.MediumPurple;
bt3.Text = "Dividir";
bt3.Click += Bt3Click;

Button bt4 = new Button();
bt4.Parent = this;
bt4.Left = 180;
bt4.Top = 160;
bt4.BackColor = Color.Lavender;
bt4.Text = "Multiplicar";
bt4.Click += Bt4Click;

txt1.Parent = this;
txt1.Left = 130;
txt1.Top = 30;

txt2.Parent = this;
txt2.Left = 130;
txt2.Top = 60;

txt3.Parent = this;
txt3.Left = 130;
txt3.Top = 90;
}
void Bt1Click(object sender, EventArgs e)
{
    int n1 = int.Parse(txt1.Text);
    int n2 = int.Parse(txt2.Text);
    int soma = n1 + n2;

    txt3.Text = soma.ToString();
}

void Bt2Click(object sender, EventArgs e)
{
    int n1 = int.Parse(txt1.Text);
    int n2 = int.Parse(txt2.Text);
    int subitair = n1 - n2;

    txt3.Text = subitair.ToString();
}

void Bt3Click(object sender, EventArgs e)
{
    int n1 = int.Parse(txt1.Text);
    int n2 = int.Parse(txt2.Text);

```

```

        int dividir = n1 / n2;

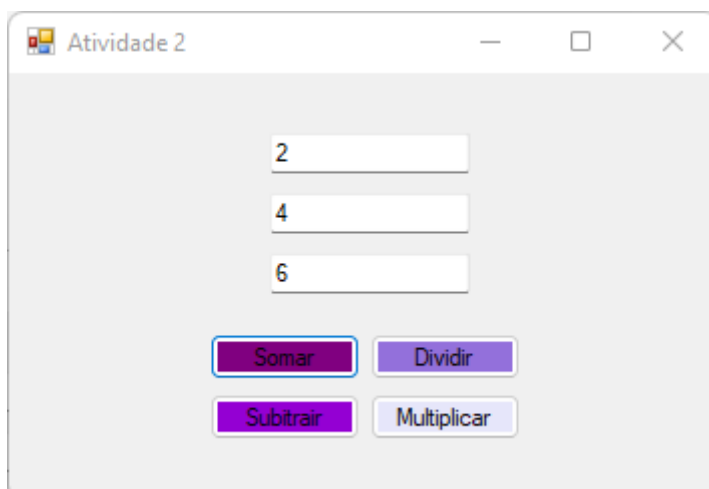
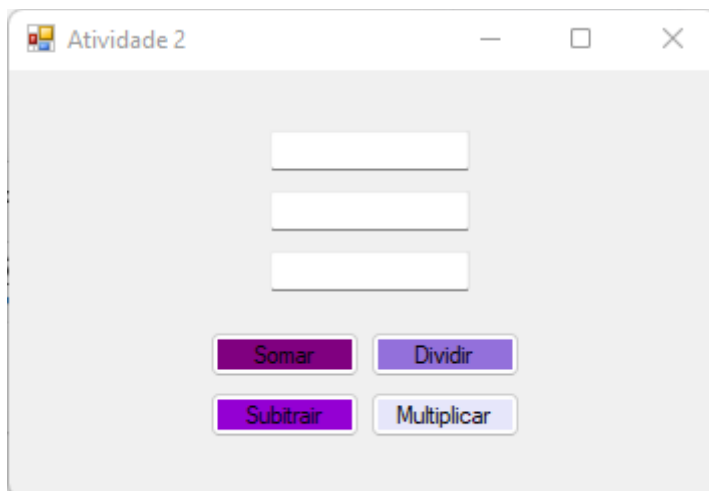
        txt3.Text = dividir.ToString();
    }

    void Bt4Click(object sender, EventArgs e)
    {
        int n1 = int.Parse(txt1.Text);
        int n2 = int.Parse(txt2.Text);
        int multiplicar = n1 * n2;

        txt3.Text = multiplicar.ToString();
    }
}

```

### Prints:



Atividade 2

4

2

2

Somar Dividir

Subtrair Multiplicar

Atividade 2

4

4

0

Somar Dividir

Subtrair Multiplicar

Atividade 2

4

4

16

Somar Dividir

Subtrair Multiplicar