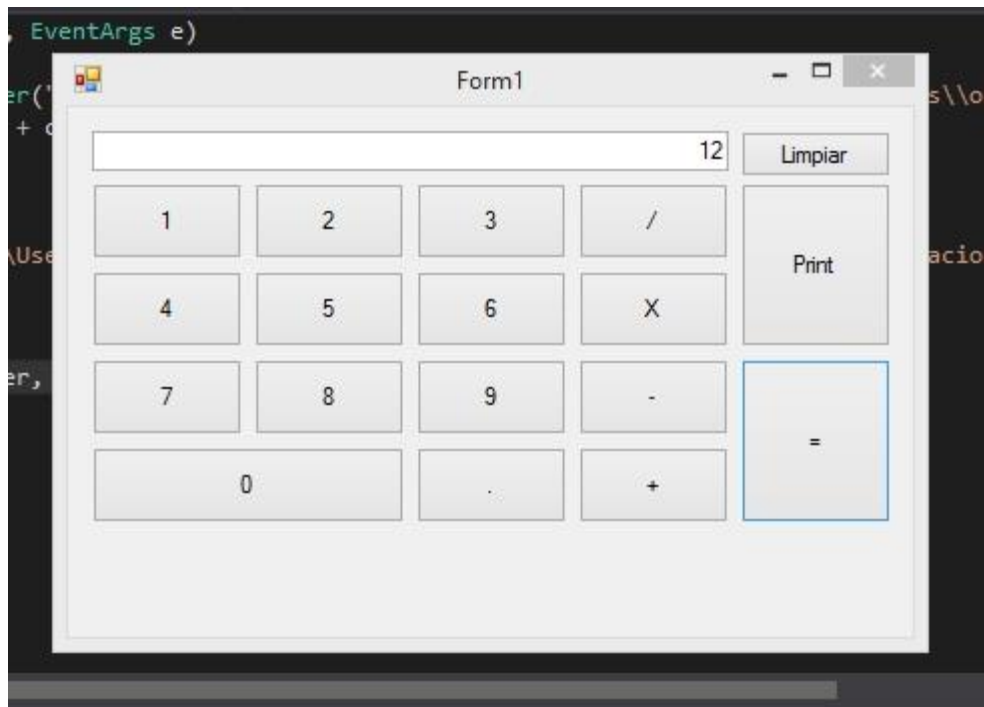


Código de C Sharp - Código C# - Calculadora Simple



Código para realizar una simple calculadora en Visual Studio C#, también contiene una opción para imprimir nuestro resultado en un documento.txt.

```
using System.IO;
```

```
namespace Calculadora
```

```
{
```

```
    public partial class Form1 : Form
```

```
    {
```

```
        public Form1()
```

```
        {
```

```
            InitializeComponent();
```

```
        }
```

```
        double a;
```

```
double b;
```

```
string c;
```

```
private void btn1_Click(object sender, EventArgs e)
```

```
{
```

```
    if (txtpantalla.Text == "")
```

```
    {
```

```
        txtpantalla.Text = "1";
```

```
    }
```

```
    else
```

```
    {
```

```
        txtpantalla.Text = txtpantalla.Text + "1" ;
```

```
    }
```

```
}
```

```
private void btn2_Click(object sender, EventArgs e)
```

```
{
```

```
    if (txtpantalla.Text == "")
```

```
    {
```

```
        txtpantalla.Text = "2";
```

```
    }
```

```
    else
```

```
    {
```

```
        txtpantalla.Text = txtpantalla.Text + "2";
```

```
    }
```

```
}
```

```
private void btn3_Click(object sender, EventArgs e)
```

```
{
```

```
    if (txtpantalla.Text == "")
```

```
    {
```

```
        txtpantalla.Text = "3";
```

```
    }
```

```
    else
```

```
    {
```

```
        txtpantalla.Text = txtpantalla.Text + "3";
```

```
    }  
}
```

```
private void btn4_Click(object sender, EventArgs e)
```

```
{  
    if (txtpantalla.Text == "")  
    {  
        txtpantalla.Text = "4";  
    }  
    else  
    {  
        txtpantalla.Text = txtpantalla.Text + "4";  
    }  
}
```

```
private void btn5_Click(object sender, EventArgs e)
```

```
{  
    if (txtpantalla.Text == "")  
    {  
        txtpantalla.Text = "5";  
    }  
    else  
    {  
        txtpantalla.Text = txtpantalla.Text + "5";  
    }  
}
```

```
private void btn6_Click(object sender, EventArgs e)
```

```
{  
    if (txtpantalla.Text == "")  
    {  
        txtpantalla.Text = "6";  
    }  
    else  
    {  
        txtpantalla.Text = txtpantalla.Text + "6";  
    }  
}
```

```
    }  
}
```

```
private void btn7_Click(object sender, EventArgs e)
```

```
{  
    if (txtpantalla.Text == "")  
    {  
        txtpantalla.Text = "7";
```

```
    }
```

```
    else
```

```
{  
    txtpantalla.Text = txtpantalla.Text + "7";  
}
```

```
}
```

```
private void btn8_Click(object sender, EventArgs e)
```

```
{  
    if (txtpantalla.Text == "")  
    {  
        txtpantalla.Text = "8";
```

```
    }
```

```
    else
```

```
{  
    txtpantalla.Text = txtpantalla.Text + "8";  
}
```

```
}
```

```
private void btn9_Click(object sender, EventArgs e)
```

```
{  
    if (txtpantalla.Text == "")  
    {  
        txtpantalla.Text = "9";
```

```
    }
```

```
    else
```

```
{  
    txtpantalla.Text = txtpantalla.Text + "9";
```

```
    }  
}
```

```
private void btn0_Click(object sender, EventArgs e)
```

```
{  
    if (txtpantalla.Text == "")  
    {  
        txtpantalla.Text = "0";  
    }  
    else  
    {  
        txtpantalla.Text = txtpantalla.Text + "0";  
    }  
}
```

```
private void btndivision_Click(object sender, EventArgs e)
```

```
{  
    a = Convert.ToDouble(this.txtpantalla.Text);  
    c = "/";  
    this.txtpantalla.Clear();  
    this.txtpantalla.Focus();  
}
```

```
private void btnmultiplicacion_Click(object sender, EventArgs e)
```

```
{  
    a = Convert.ToDouble(this.txtpantalla.Text);  
    c = "*";  
    this.txtpantalla.Clear();  
    this.txtpantalla.Focus();  
}
```

```
private void btnresta_Click(object sender, EventArgs e)
```

```
{  
    a = Convert.ToDouble(this.txtpantalla.Text);  
    c = "-";  
    this.txtpantalla.Clear();  
}
```

```
        this.txtpantalla.Focus();  
    }  
}
```

```
private void btnsuma_Click(object sender, EventArgs e)  
{  
    a = Convert.ToDouble(this.txtpantalla.Text);  
    c = "+";  
    this.txtpantalla.Clear();  
    this.txtpantalla.Focus();  
}
```

```
private void btnpunto_Click(object sender, EventArgs e)  
{  
    if (this.txtpantalla.Text.Contains('.')==false)  
    {  
        this.txtpantalla.Text = this.txtpantalla.Text + ".";  
    }  
}
```

```
}
```

```
private void btnigual_Click(object sender, EventArgs e)  
{  
    b = Convert.ToDouble(this.txtpantalla.Text);  
    switch (c)  
    {  
        case "+":  
            this.txtpantalla.Text = Convert.ToString (b + a);  
            break;
```

```
        case "-":  
            this.txtpantalla.Text = Convert.ToString(b - a);  
            break;
```

```
        case "*":  
            this.txtpantalla.Text = Convert.ToString(b * a);
```

```
break;
```

```
case "/":
```

```
    this.txtpantalla.Text = Convert.ToString(b / a);
```

```
    break;
```

```
}
```

```
}
```

```
private void btnprint_Click(object sender, EventArgs e)
```

```
{
```

```
    StreamWriter Archivo = new StreamWriter("Ruta\\archivo.txt");
```

```
    Archivo.WriteLine("Operaciones: " + a + c + b + "=" + this.txtpantalla.Text);
```

```
    Archivo.Flush();
```

```
    Archivo.Close();
```

```
    System.Diagnostics.Process.Start("Ruta\\archivo.txt");
```

```
}
```

```
private void btnlimpiar_Click(object sender, EventArgs e)
```

```
{
```

```
    a = Convert.ToDouble("");
```

```
    b = Convert.ToDouble("");
```

```
    this.txtpantalla.Text = "";
```

```
}
```

```
}
```

```
}
```