



Linguagem de Programação II

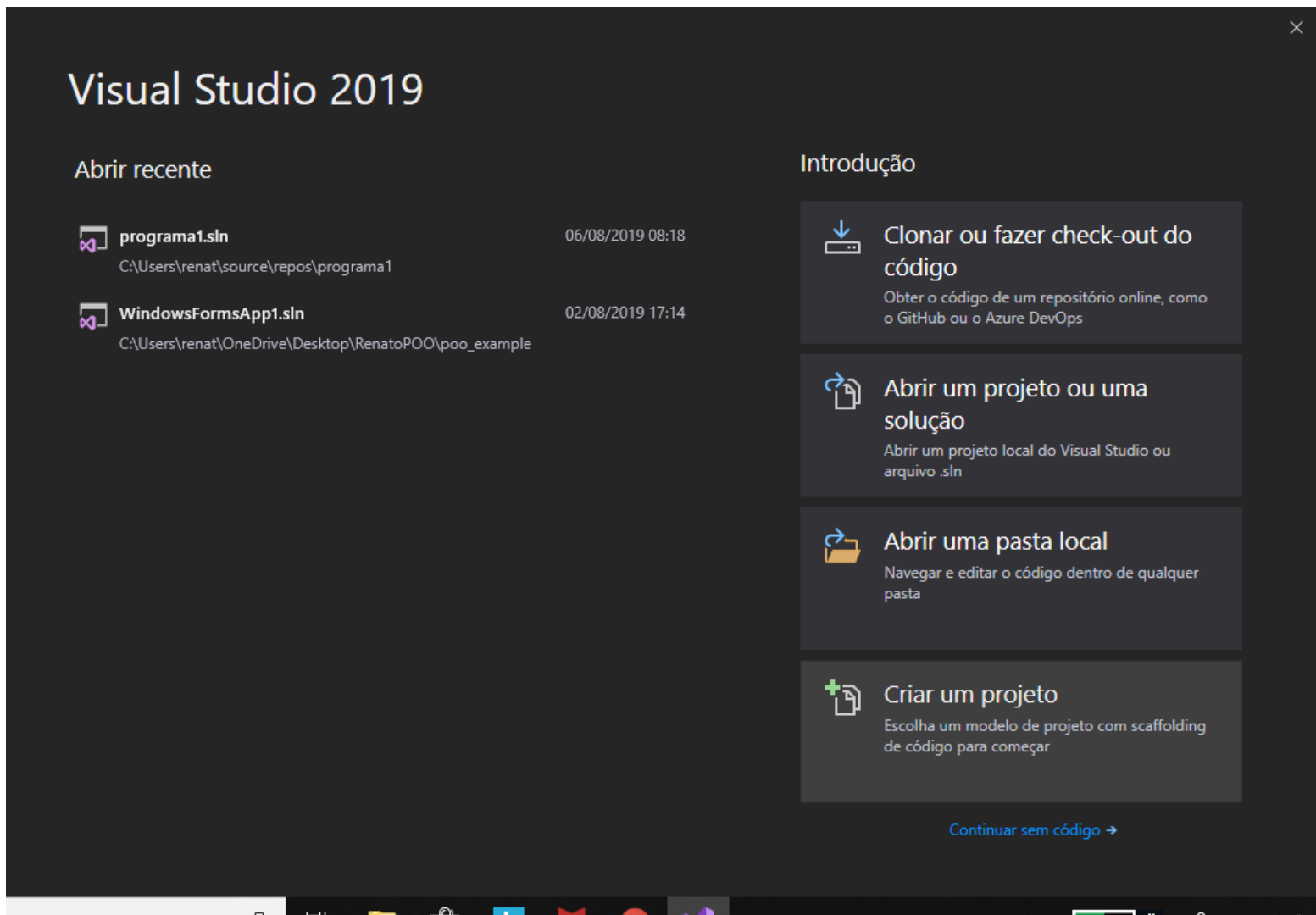
Analise e Desenvolvimento de Sistemas

2º semestre de 2019

Prof. Me. Renato Carioca Duarte

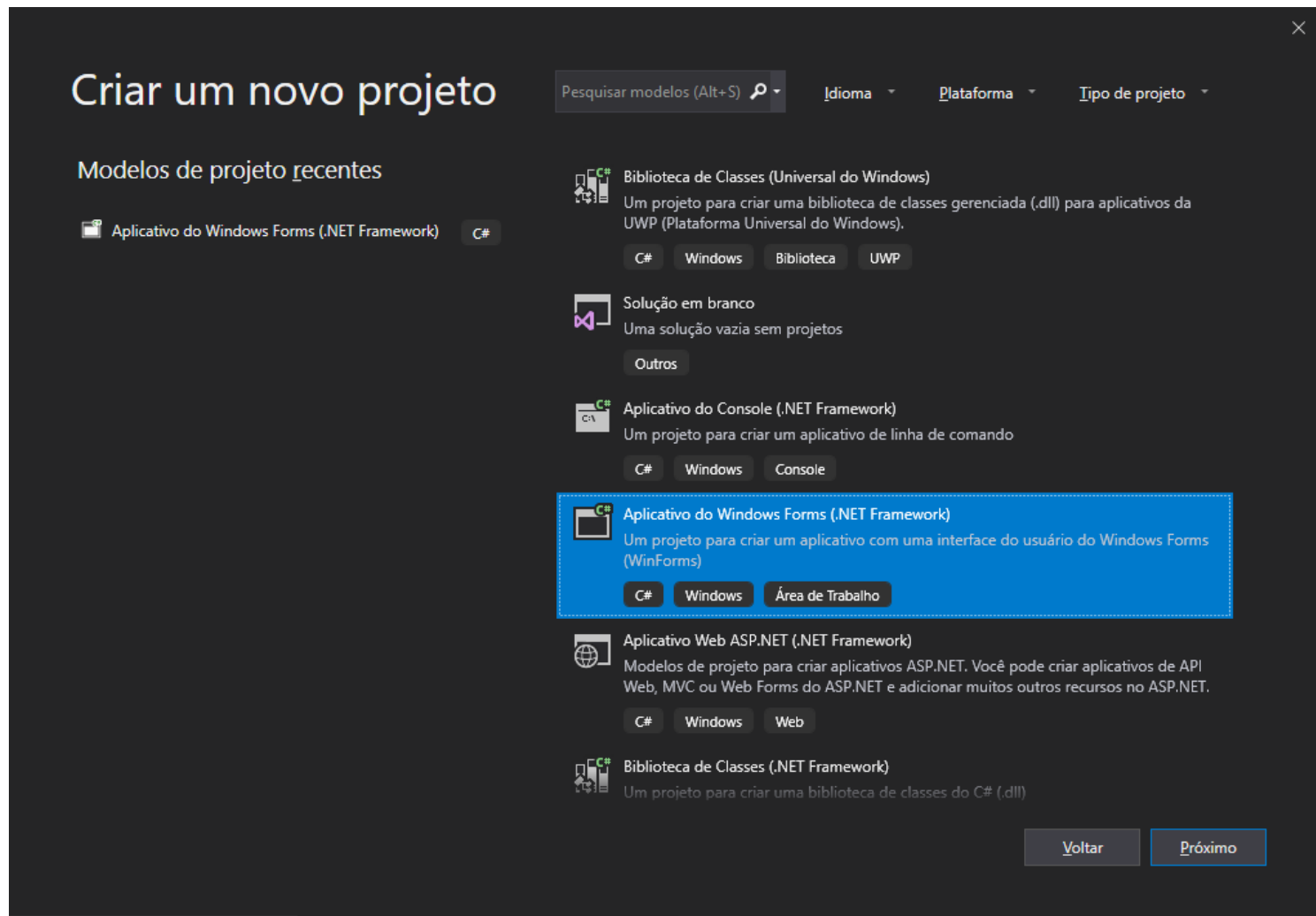


Criar um Projeto





Aplicativo Windows Form (.NET Framework)





Projeto SomaNumeros

Configurar seu novo projeto

Aplicativo do Windows Forms (.NET Framework) C# Windows Área de Trabalho

Nome do projeto

SomaNumeros

Local

C:\Users\renat\source\repos

Nome da solução ⓘ

SomaNumeros

☒ Colocar a solução e o projeto no mesmo diretório

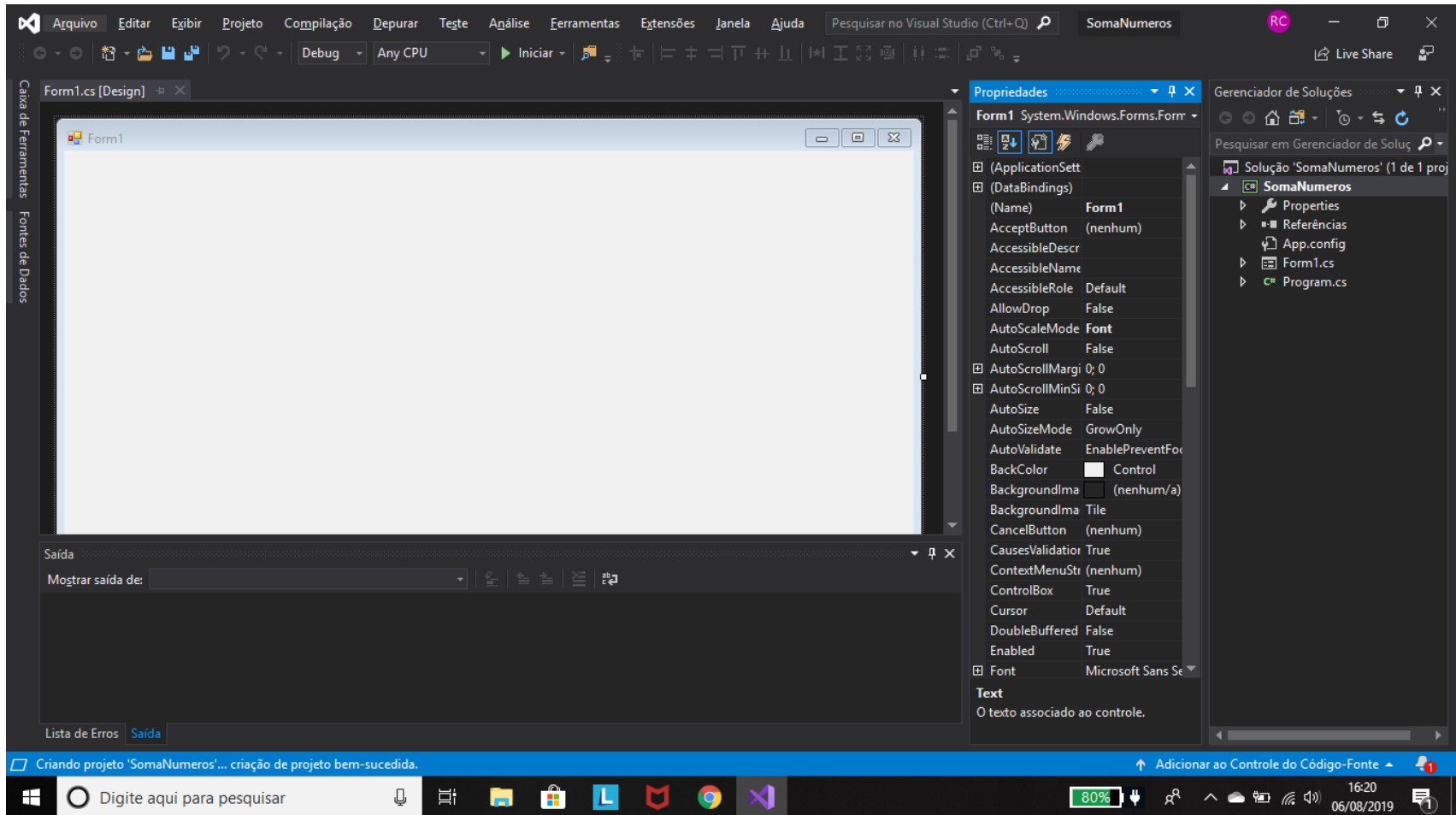
Framework

.NET Framework 4.7.2

Voltar Criar

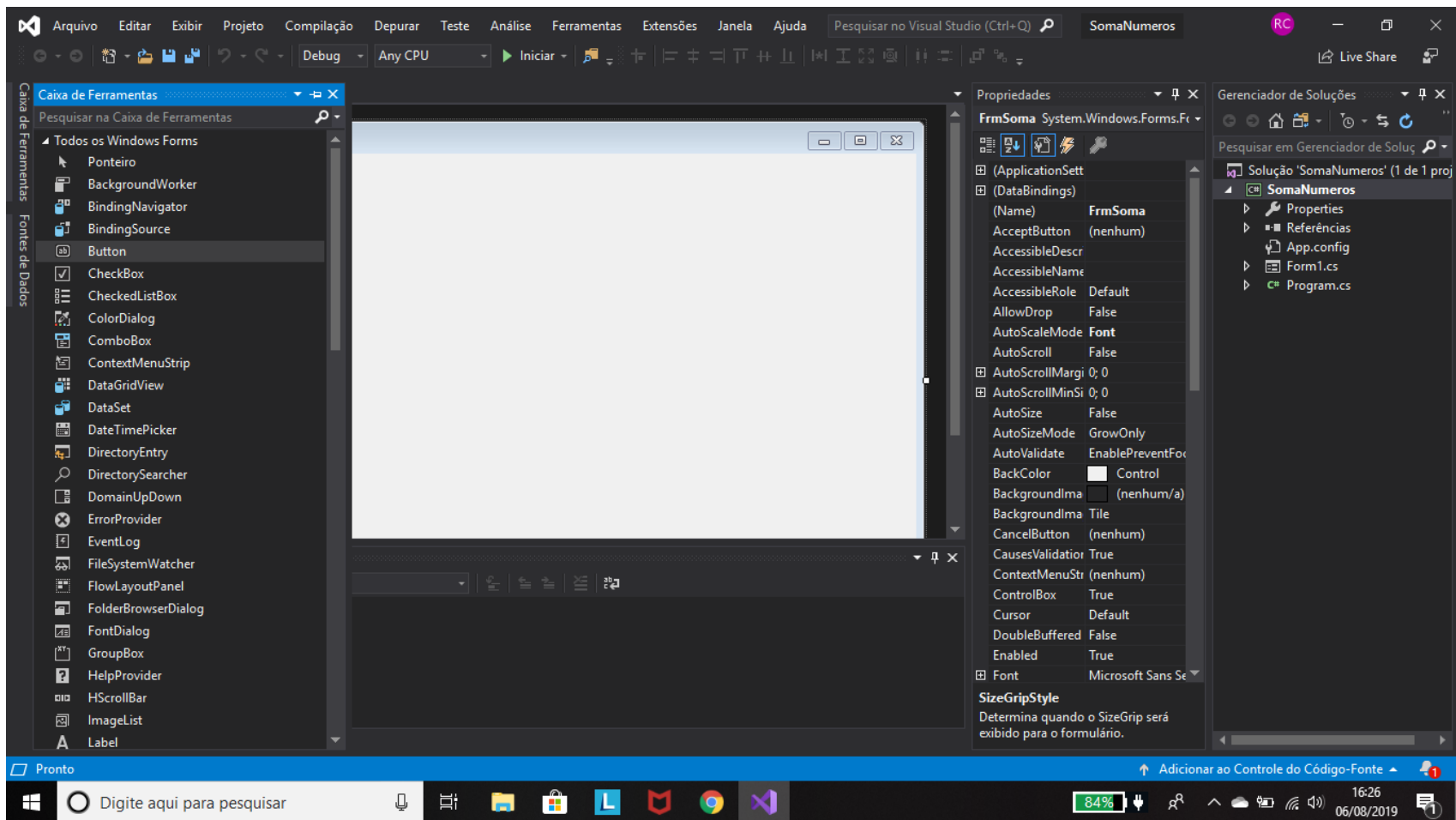


Alterar Propriedades Formulário (nome e título)



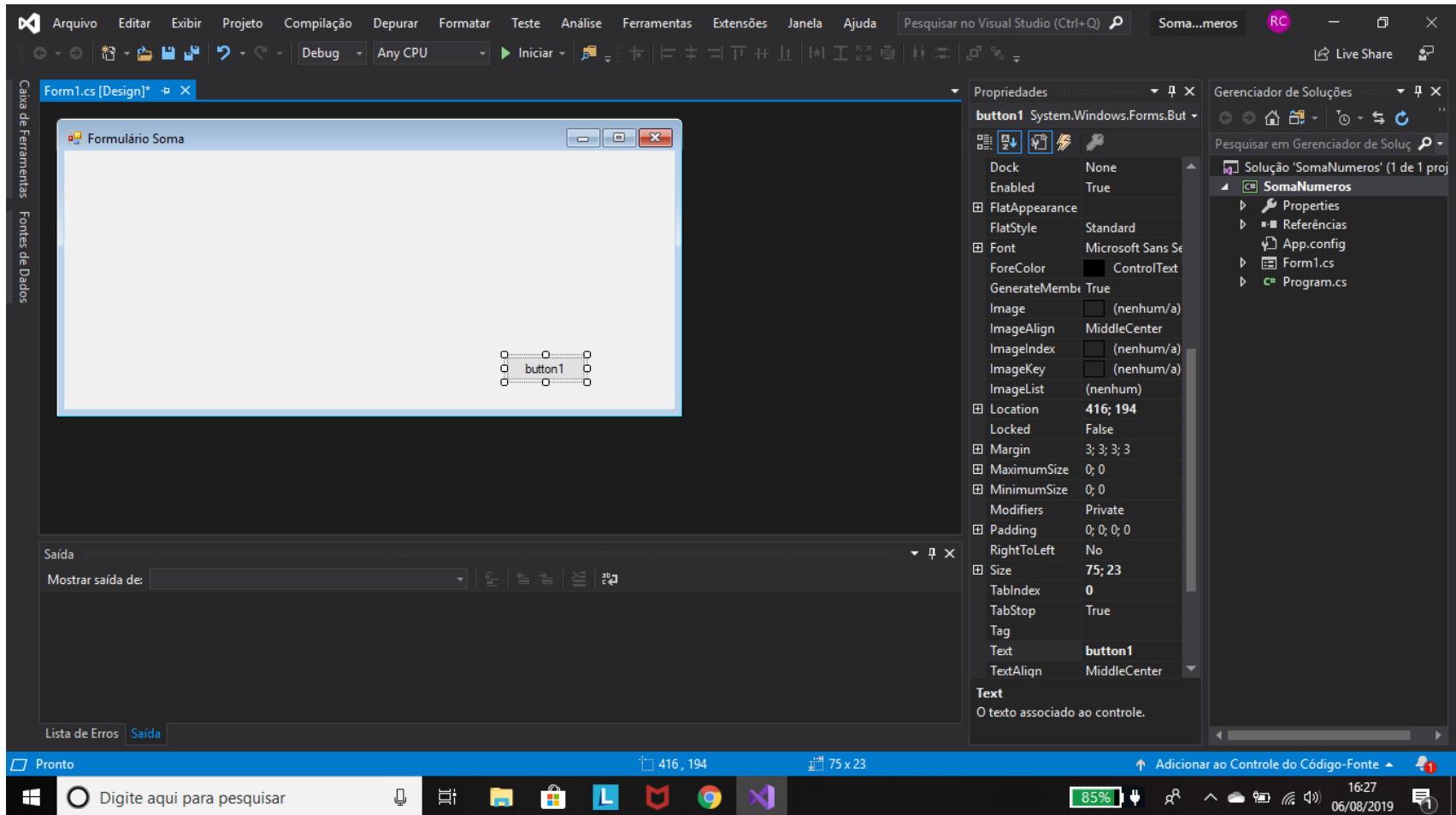


Esolher Botão



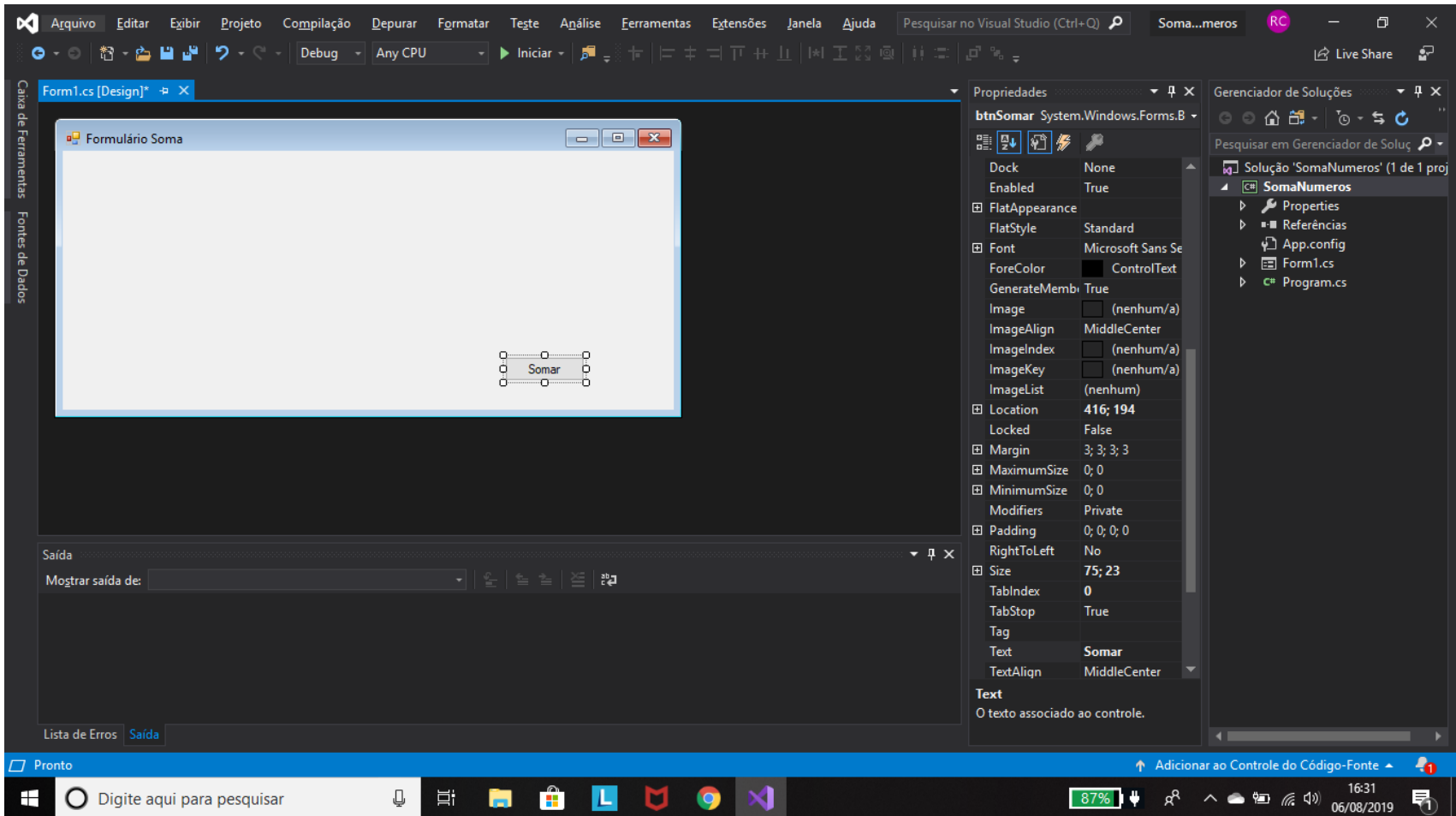


Colocar Botão e redimensionar Form



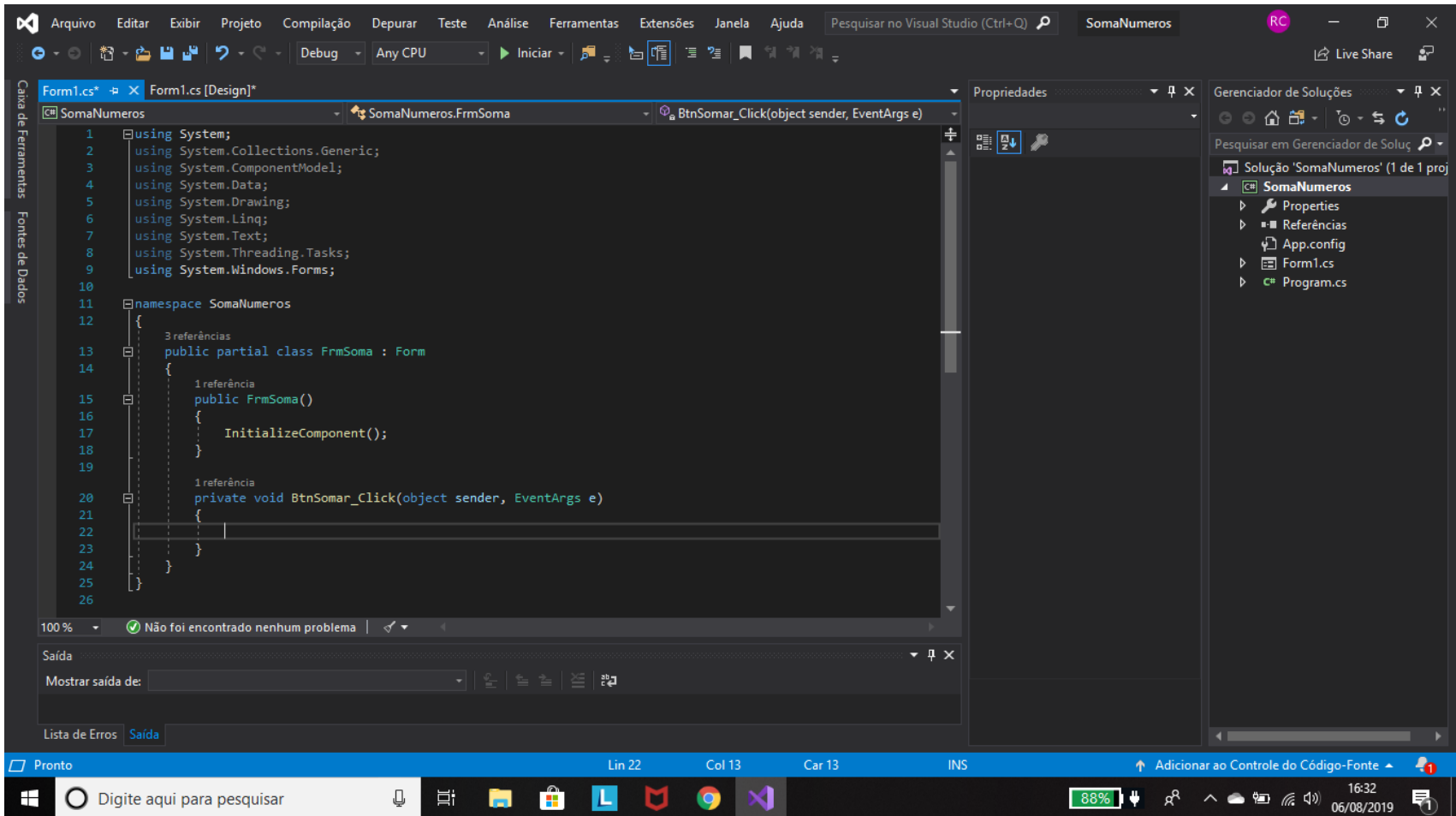


Alterar propriedades Botão: Nome e Texto



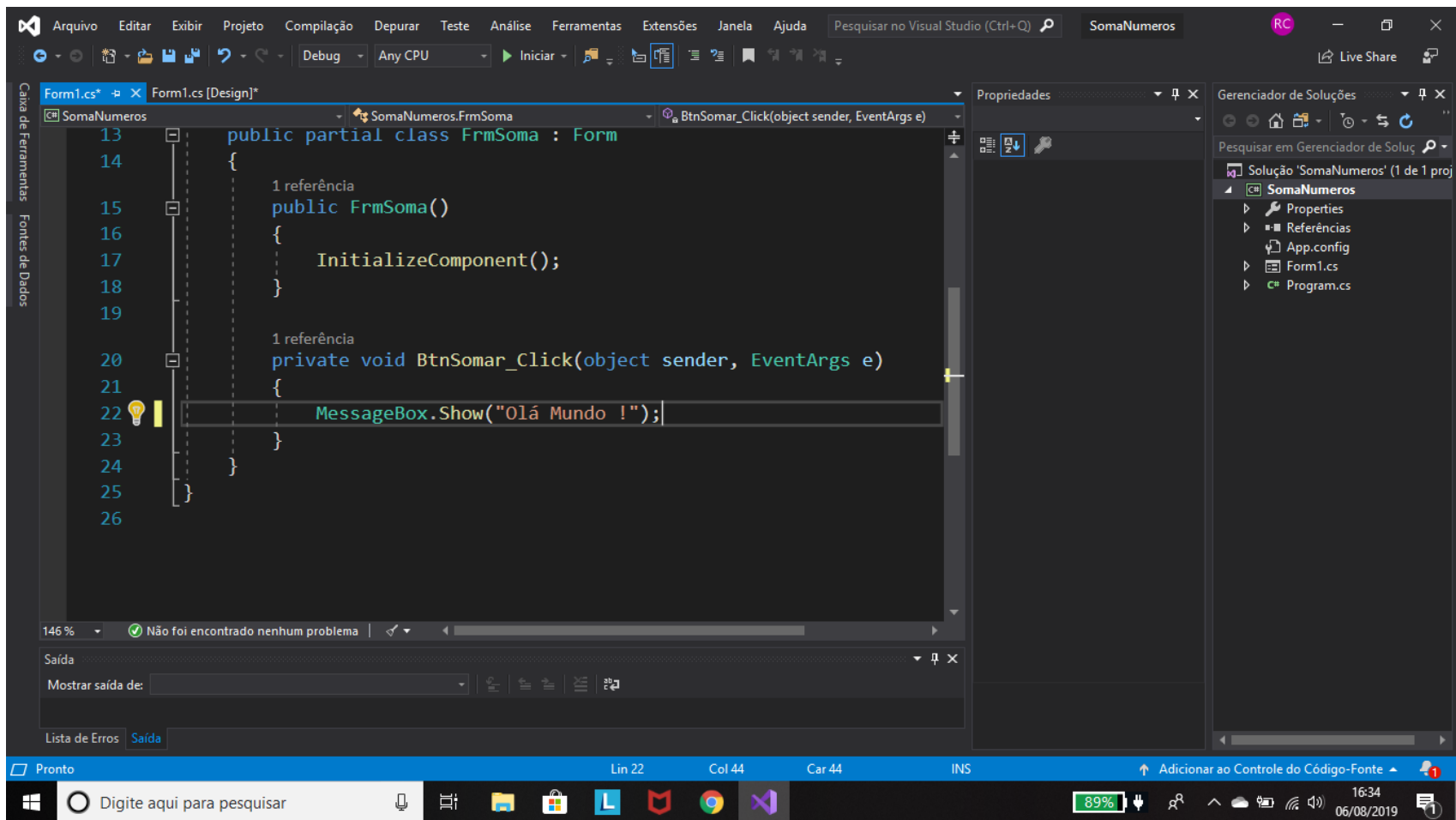


Após duplo clique o botão:



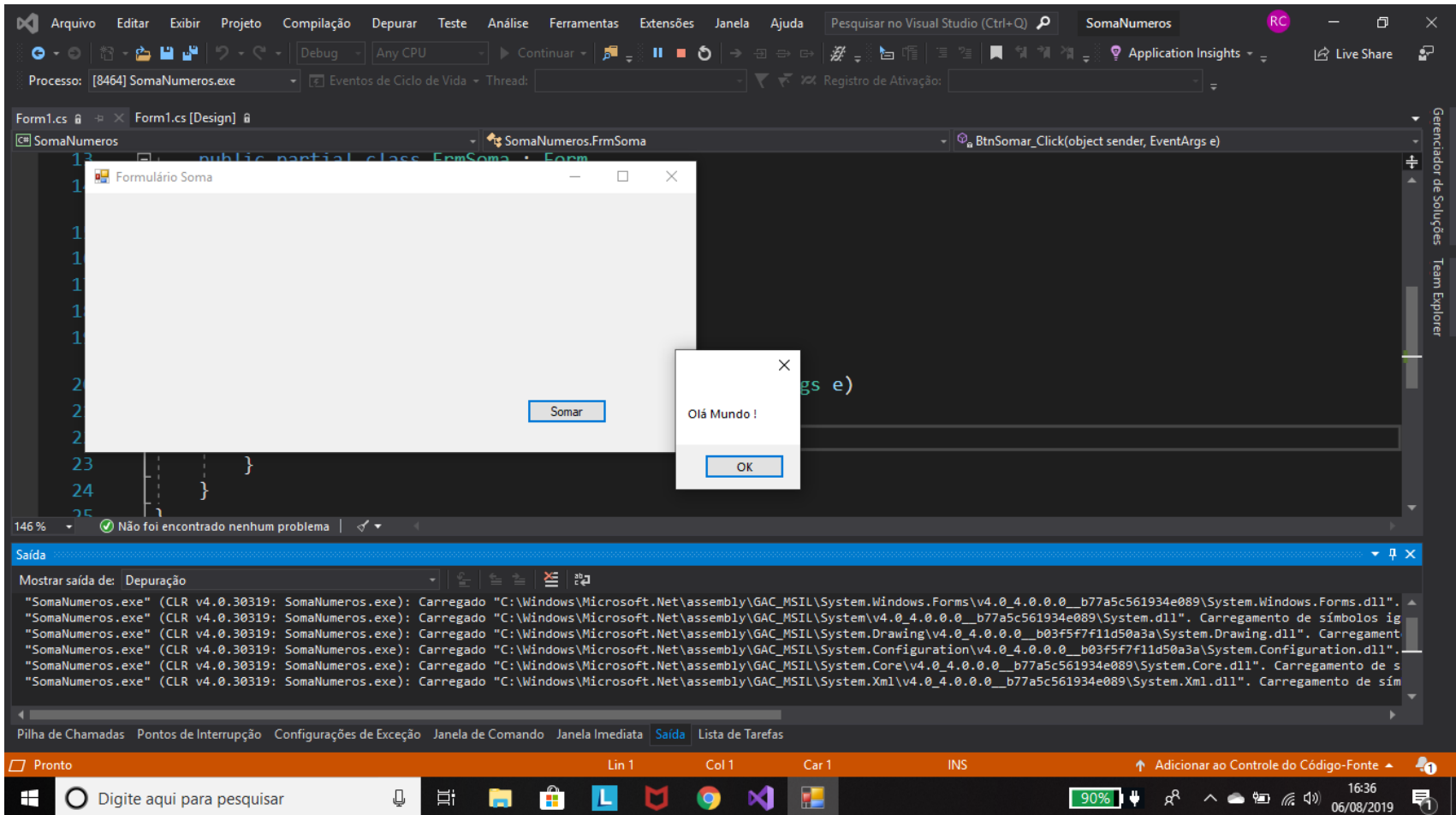


Programar método BtnSomar_Click





Executar Programa





Acrescentar Caixas de Texto

The screenshot shows the Visual Studio IDE with a project named 'SomaNumeros'. The 'Caixa de Ferramentas' (Toolbox) is open on the left, displaying various Windows Forms controls. The 'TextBox' control is selected, and a tooltip is visible over it, providing details about its version and functionality.

Caixa de Ferramentas

Pesquisar na Caixa de Ferramentas

- PrintDocument
- PrintPreviewControl
- PrintPreviewDialog
- Process
- ProgressBar
- PropertyGrid
- RadioButton
- RichTextBox
- SaveFileDialog
- SerialPort
- ServiceController
- SplitContainer
- Splitter
- StatusStrip
- TabControl
- TableLayoutPanel
- TextBox**
- Timer
- ToolStrip
- ToolStripContainer
- ToolTip
- TrackBar
- TreeView
- VScrollBar
- WebBrowser
- Controles Comuns
- Contêineres
- Menus e Barra de Ferramentas

Propriedades

FrnmSoma System.Windows.Forms.Fc

- HelpButton False
- Icon (ícone)
- ImeMode NoControl
- IsMdiContainer False
- KeyPreview False
- Language (Padrão)
- Localizable False
- Location 0; 0
- Locked False
- MainMenuStrip (nenhum)
- MaximizeBox True
- MaximumSize 0; 0
- MinimizeBox True
- MinimumSize 0; 0
- Opacity 100%
- Padding 0; 0; 0; 0
- RightToLeft No
- RightToLeftLayc False
- ShowIcon True
- ShowInTaskbar True
- Size 591; 283
- SizeGripStyle Auto
- StartPosition WindowsDefaultL
- Tag
- Text **Formulário Soma**
- TopMost False

Gerenciador de Soluções

Pesquisar em Gerenciador de Soluções

- Solução 'SomaNumeros' (1 de 1 proj)
- Properties
- Referências
- App.config
- Form1.cs
- Program.cs

TextBox

Versão 4.7.2.0 de Microsoft Corporation .NET Component

Permite que o usuário insira texto e fornece edição em várias linhas e mascaramento de caracteres com senha.

Pronto

Adicionar ao Controle do Código-Fonte

92%

16:40 06/08/2019



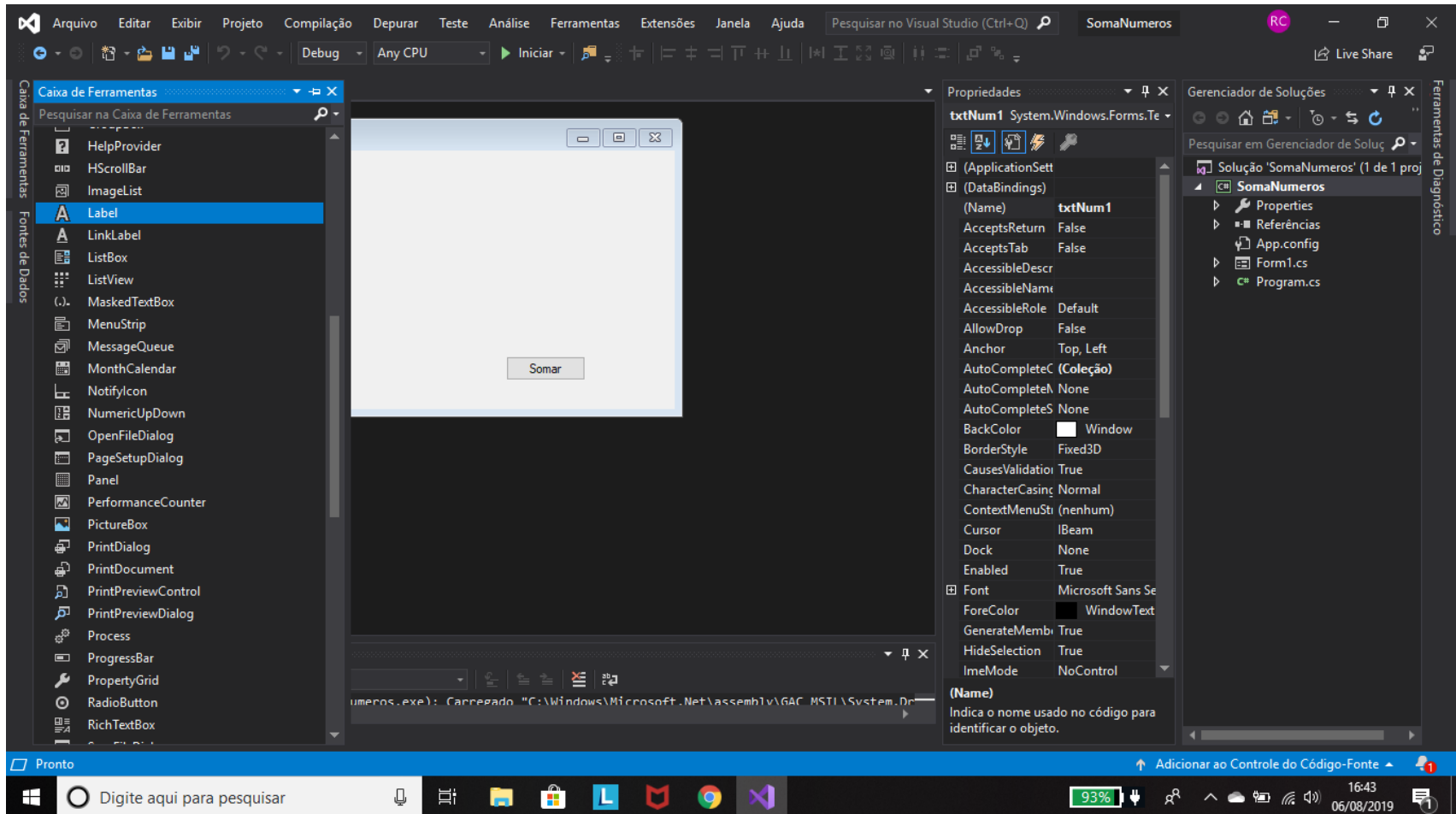
Alterar propriedade Caixa Texto (Nome)

The screenshot displays the Visual Studio IDE with the following components:

- Menu Bar:** Arquivo, Editar, Exibir, Projeto, Compilação, Depurar, Teste, Análise, Ferramentas, Extensões, Janela, Ajuda.
- Toolbar:** Includes buttons for running, debugging, and other development actions.
- Form Designer:** Shows a window titled 'Formulário Soma' with a text box and a 'Somar' button.
- Properties Window:** Displays the properties for 'txtNum1'. The '(Name)' property is highlighted, showing the value 'txtNum1'. Other visible properties include 'AcceptsReturn', 'AcceptsTab', 'AccessibleDescr', 'AccessibleName', 'AccessibleRole', 'AllowDrop', 'Anchor', 'AutoCompleteC', 'AutoCompleteM', 'AutoCompleteS', 'BackColor', 'BorderStyle', 'CausesValidation', 'CharacterCasing', 'ContextMenuStu', 'Cursor', 'Dock', 'Enabled', 'Font', 'ForeColor', 'GenerateMemb', 'HideSelection', and 'ImeMode'.
- Solution Explorer:** Shows the project 'SomaNumeros' with files 'Form1.cs' and 'Program.cs'.
- Output Window:** Displays the message: "SomaNumeros.exe" (CLR v4.0.30319; SomaNumeros.exe): Carregado "C:\Windows\Microsoft.Net\assembly\GAC_MSIL\System.Dr".
- Taskbar:** Shows the Windows taskbar with the search bar and various application icons.

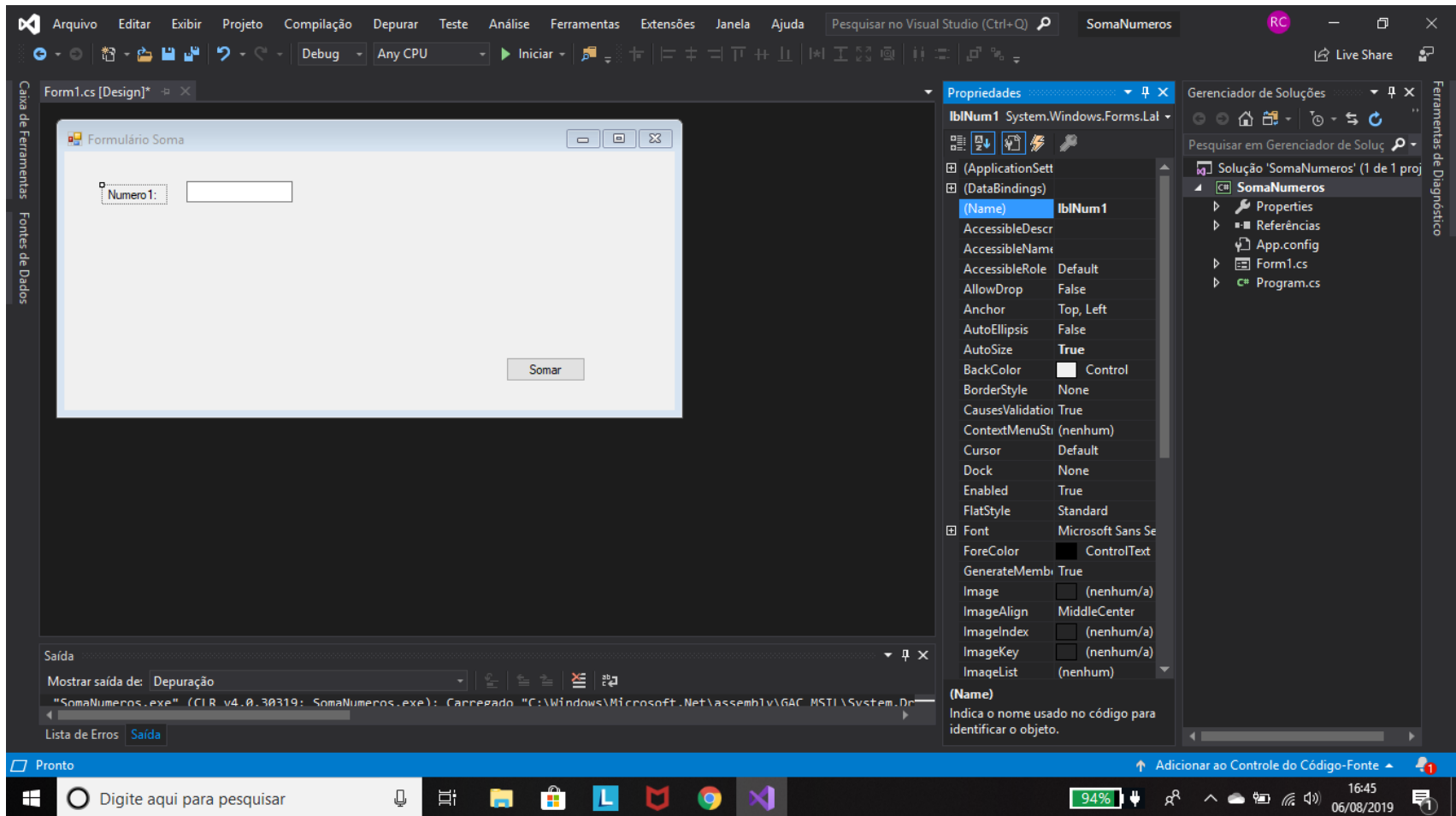


Acrescentar Rótulo (label)



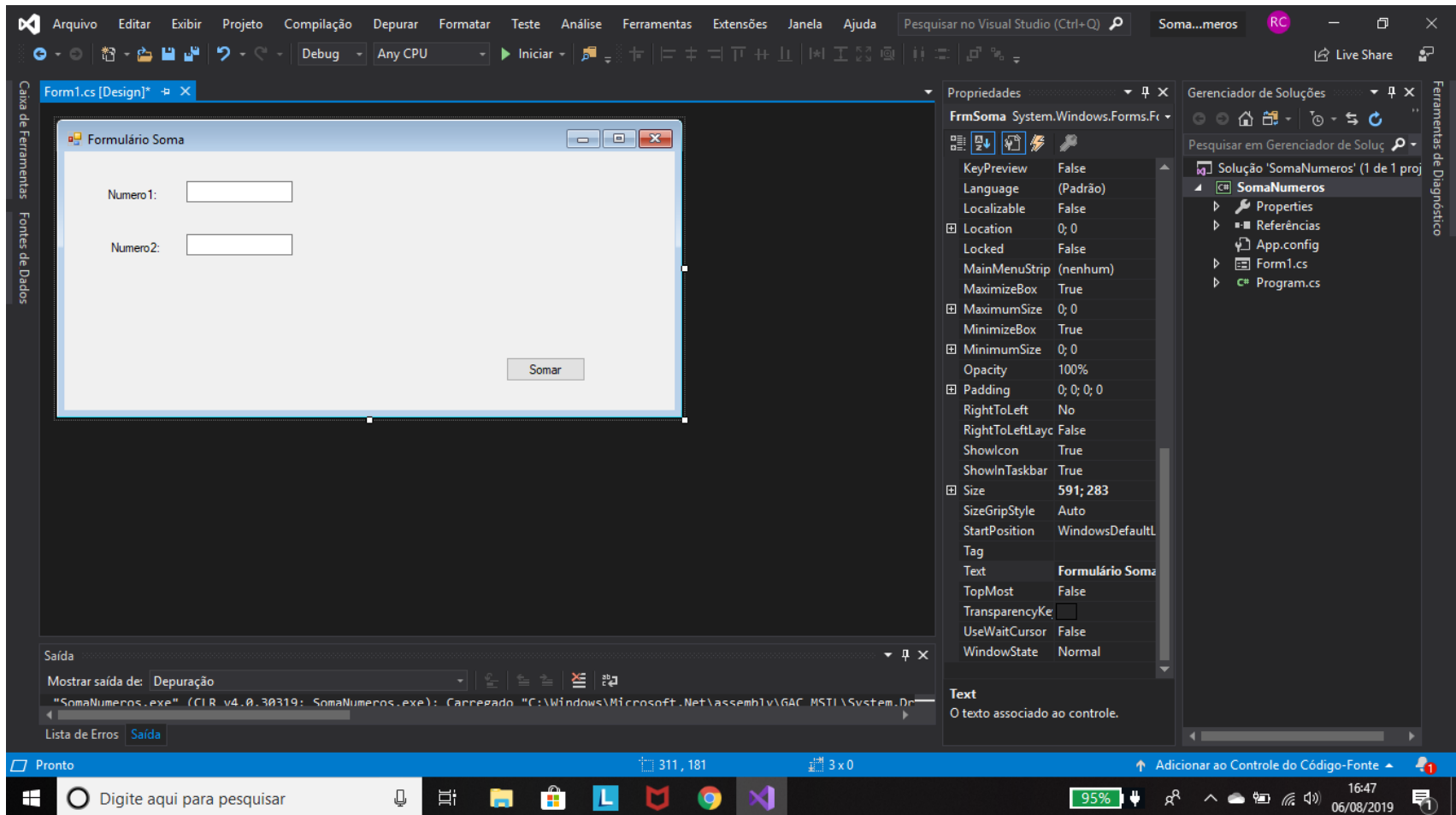


Alterar propriedade Label (Nome e Texto)



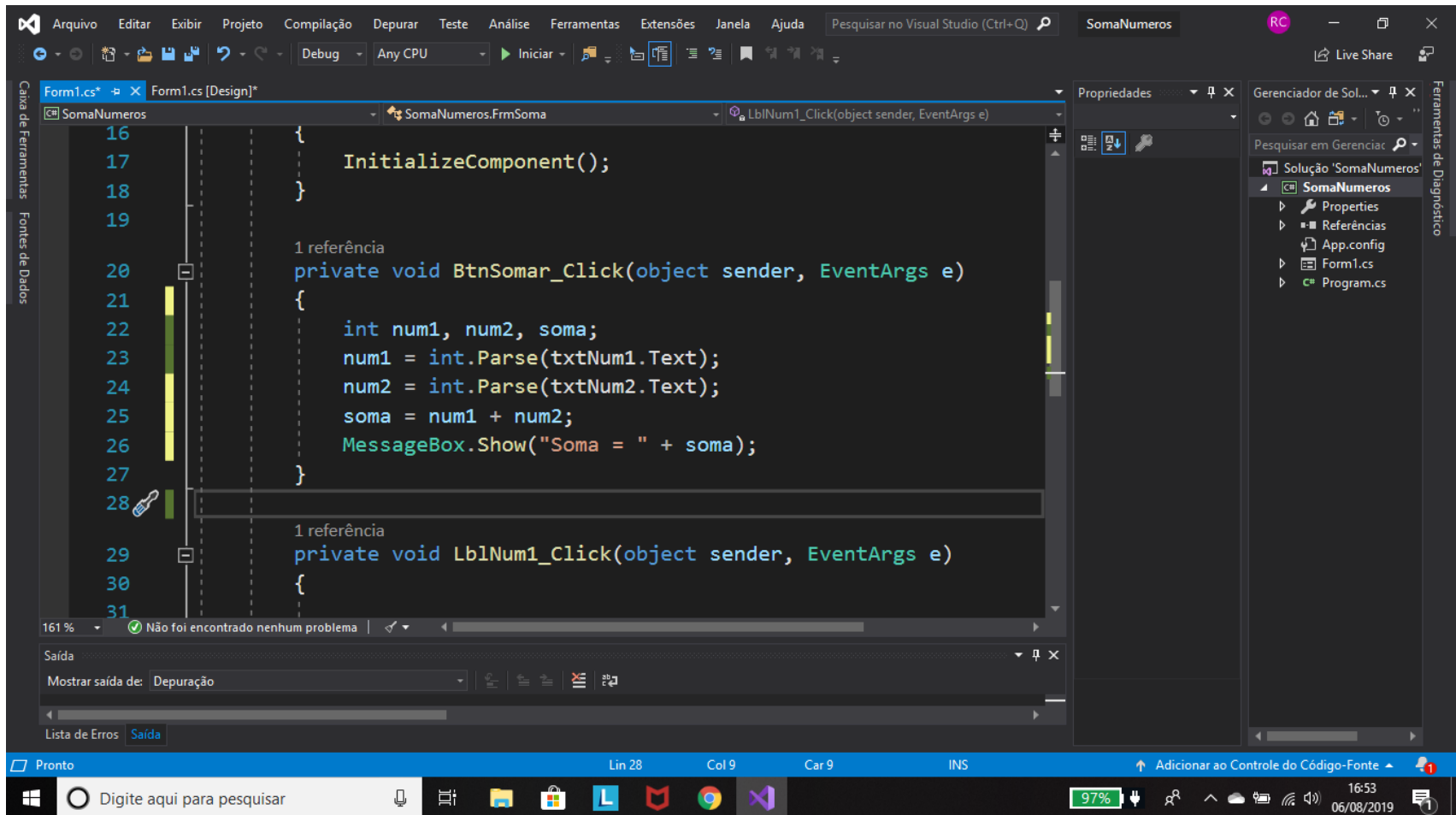


Refazer os passos até 2 entradas de dados



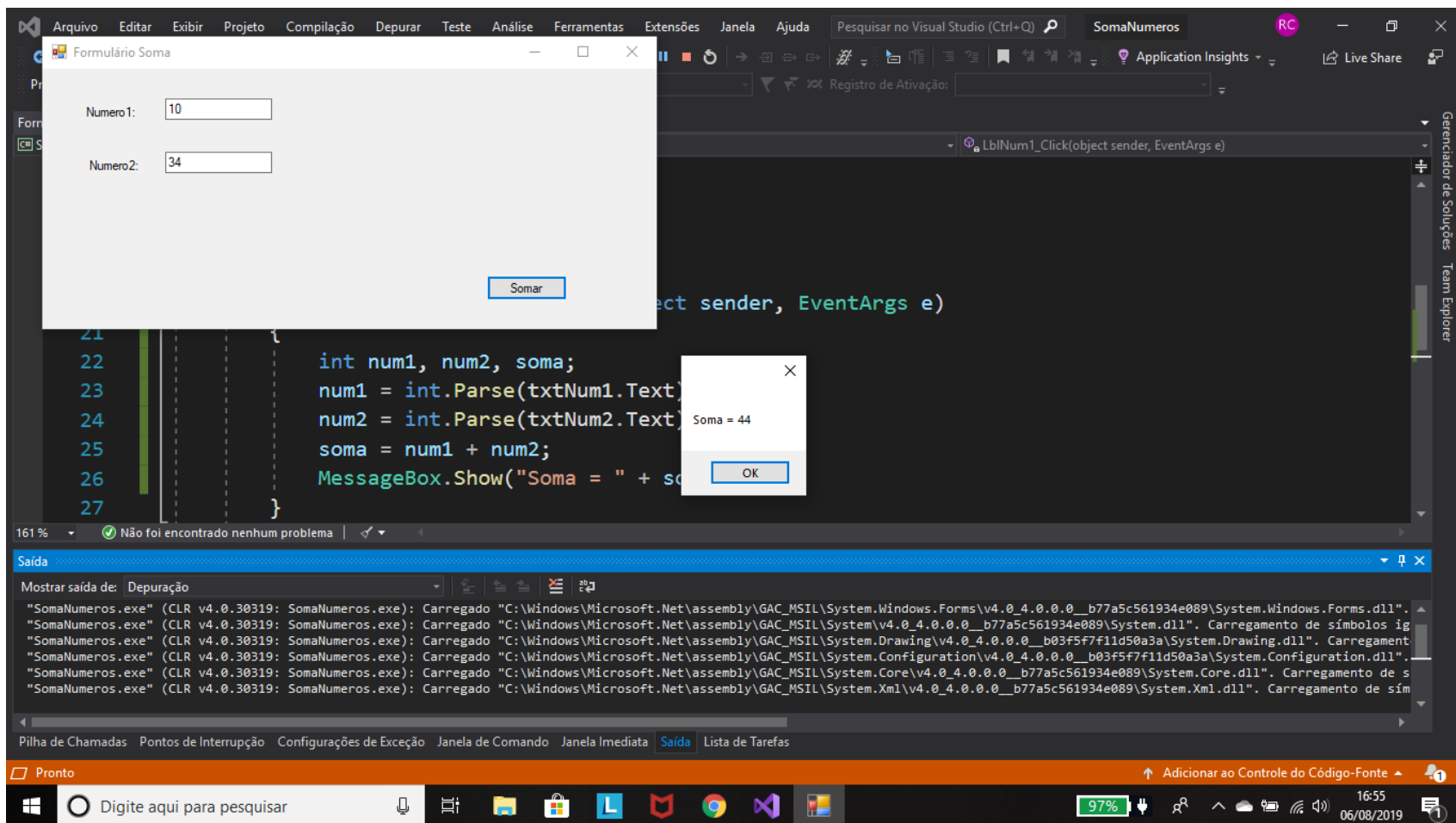


Programar método BtnSomar_Click





Executar programa





Exercícios

- 1. Colocar o resultado no formulário, removendo o MessageBox

A screenshot of a Windows application window titled "Formulário Soma". The window has a standard Windows title bar with minimize, maximize, and close buttons. The main content area is light gray and contains three labels with corresponding input fields or text: "Numero1:" followed by a text box containing "12", "Numero2:" followed by a text box containing "23", and "Soma:" followed by the text "35". At the bottom left, there is a button labeled "Somar" with a blue border.



Exercícios

- 2. Fazer 4 botões: soma, subtração, multiplicação e divisão

A screenshot of a Windows application window titled "Formulário Soma". The window has a standard Windows title bar with minimize, maximize, and close buttons. The main area is light gray and contains two input fields labeled "Numero1:" and "Numero2:". Below these fields, there are four buttons arranged in a row: "Somar", "Subtrair", "Multiplicar", and "Dividir". The "Somar" button is highlighted with a blue border. The labels "Soma:", "Subtração:", "Multiplicação:", and "Divisão:" are positioned above their respective buttons.