

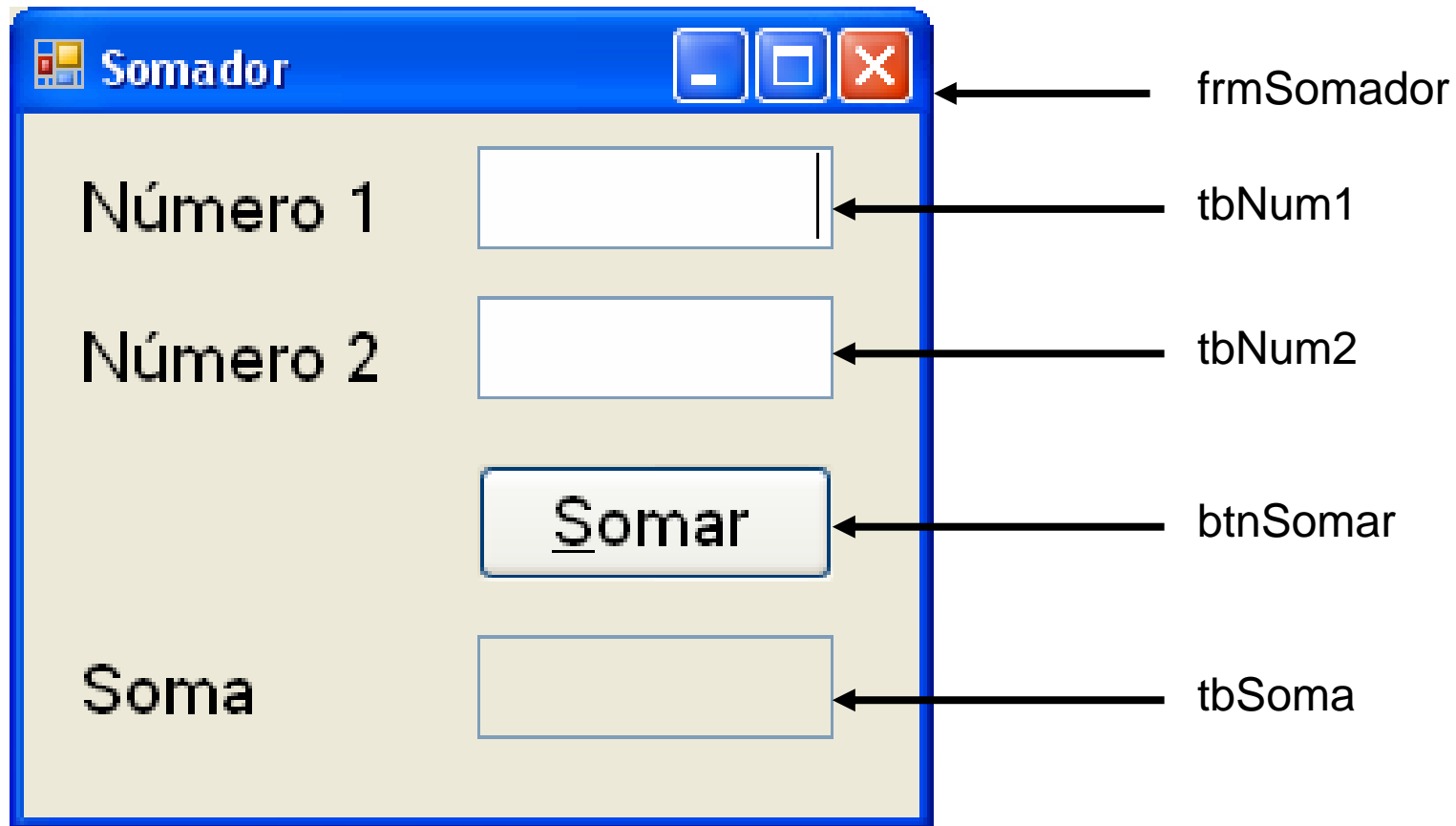
# Laboratório de Programação I

Introdução a Programação de  
Aplicativo Windows

Fabricio Breve

# Construindo um Aplicativo Visual

- Crie o formulário:



# Adicione a programação ao evento Click do botão btnSomar

```
Public Class frmSomador

    Private Sub btnSomar_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnSomar.Click

        tbSoma.Text = Convert.ToDouble(tbNum1.Text) + Convert.ToDouble(tbNum2.Text)

    End Sub

End Class
```

- **Exercício:**

- Crie os botões Subtrair, Multiplicar e Dividir com suas respectivas funções

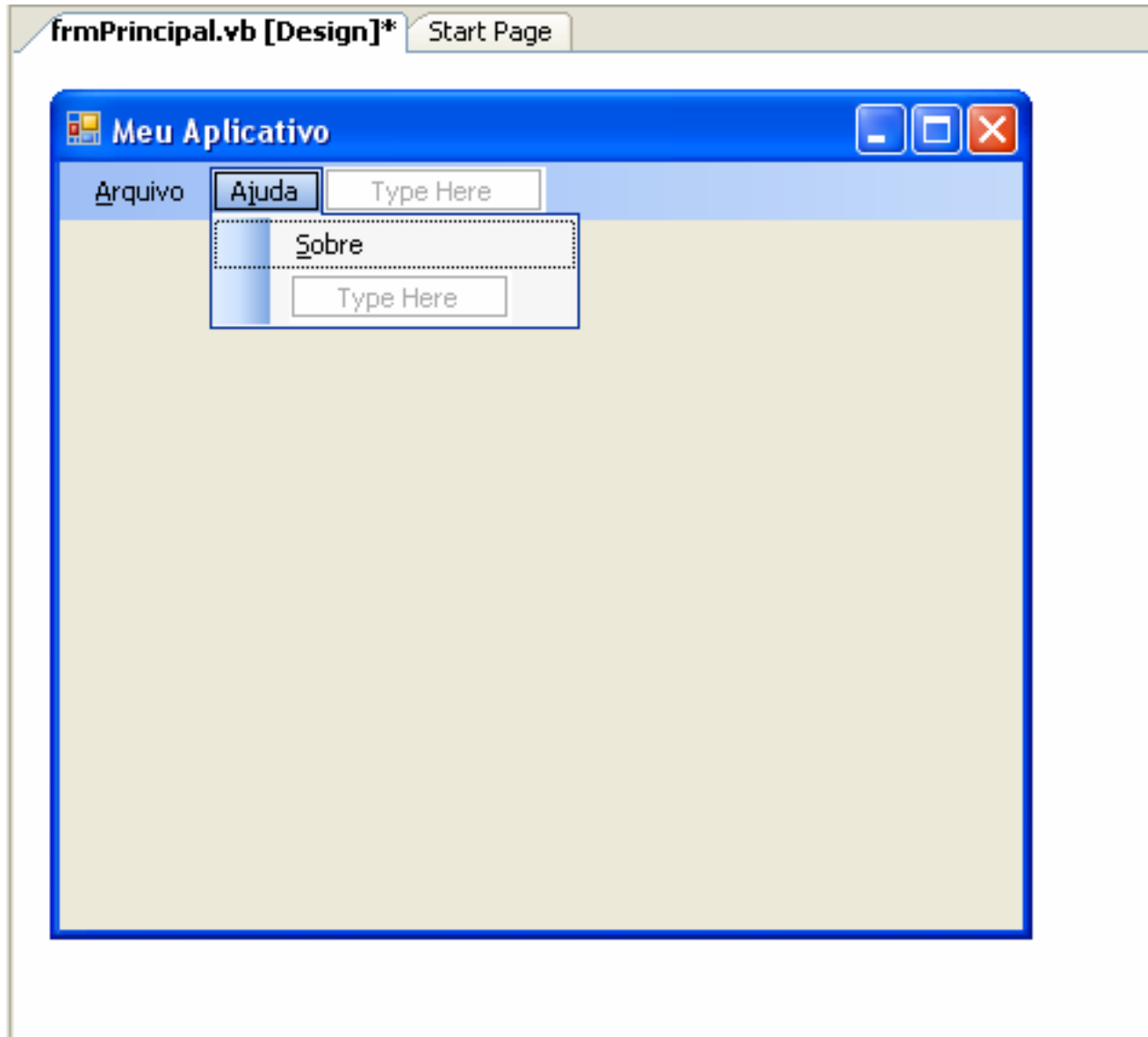
# Capturando exceção

- Try ... Catch ... Finally

```
Try
    [ tryStatements ]
    [ Exit Try ]
[ Catch [ exception [ As type ] ] [ When expression ]
    [ catchStatements ]
    [ Exit Try ] ]
[ Catch ... ]
[ Finally
    [ finallyStatements ] ]
End Try
```

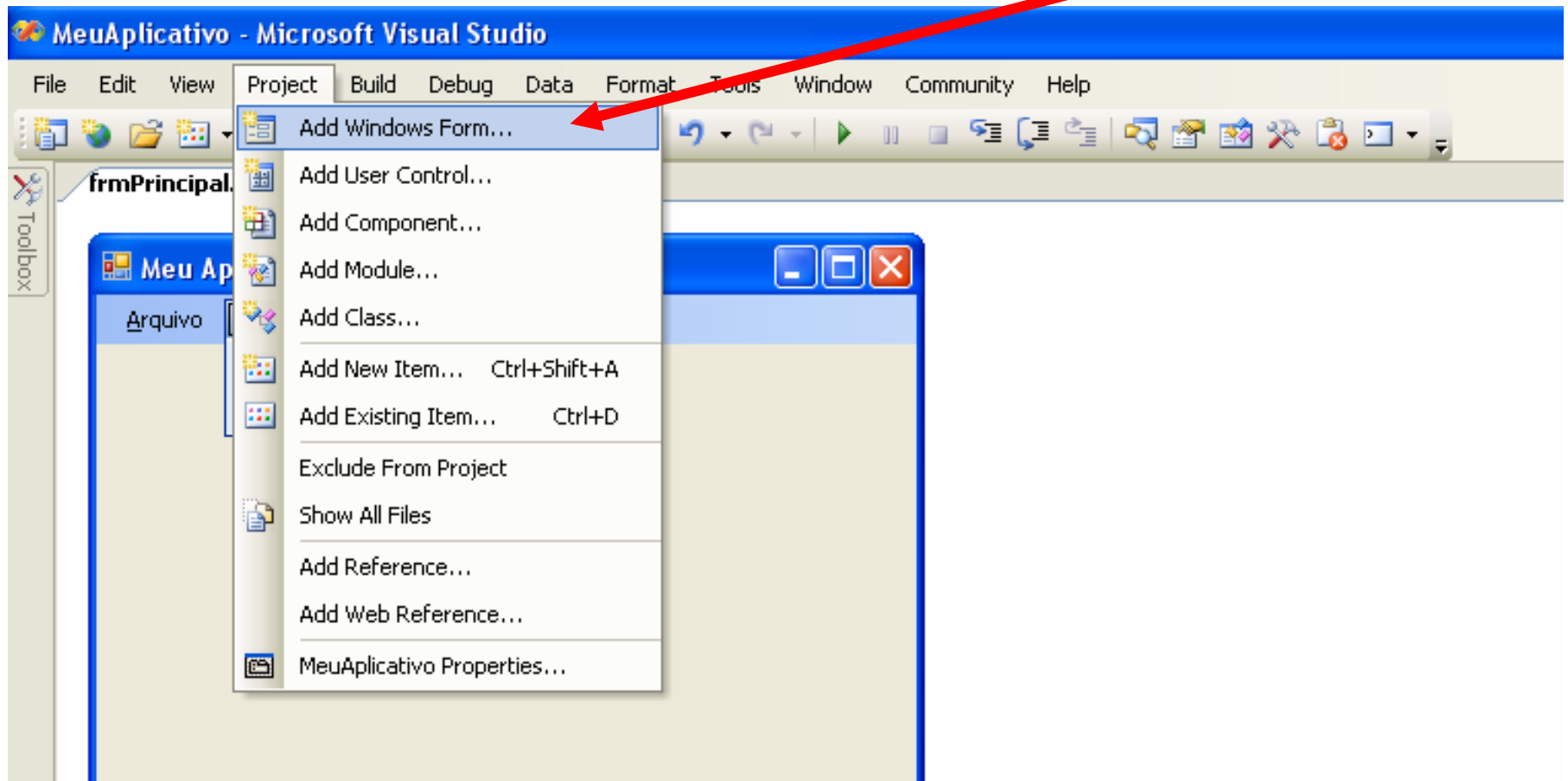
```
Try
    tbSoma.Text = Convert.ToDouble(tbNum1.Text) + Convert.ToDouble(tbNum2.Text)
Catch ex As Exception
    MsgBox(ex.ToString)
End Try
```

# Criando a janela Sobre

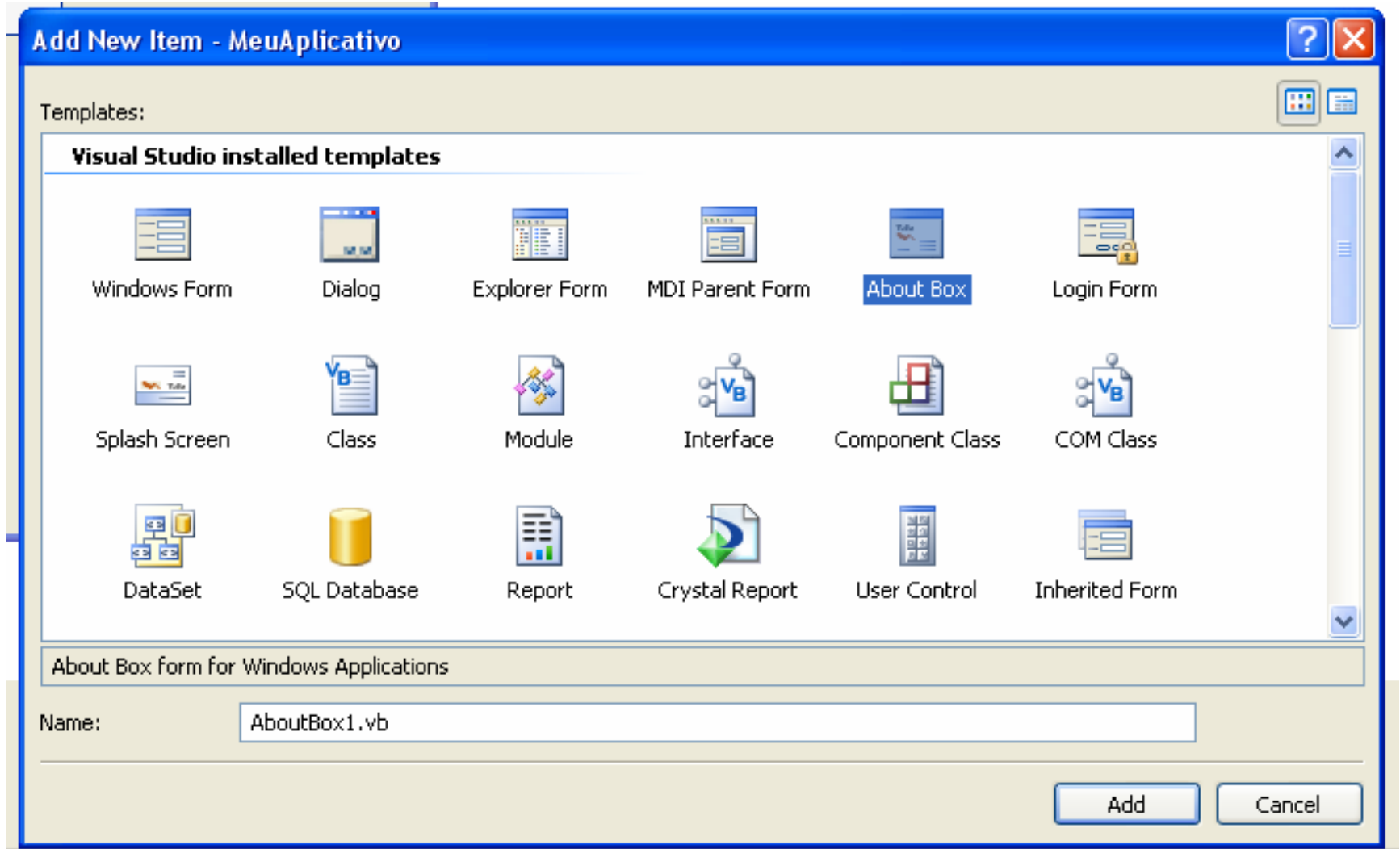


# Adicionando outro formulário

- Project -> Add Windows Form...

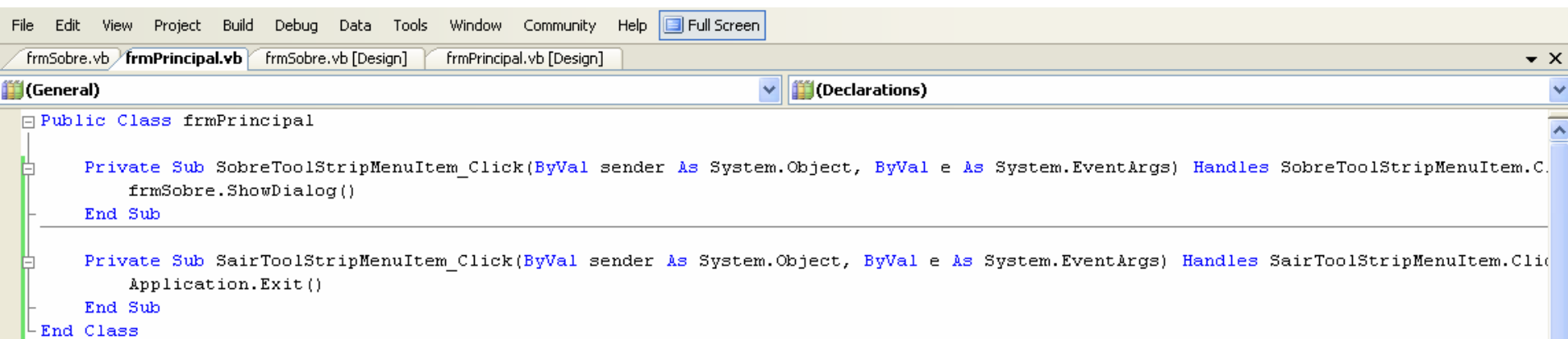


# Adicionando novo formulário



# Adicione funcionalidade para os itens de menu

- Item Sobre
  - `frmSobre.ShowDialog()`
- Item Sair
  - `Application.Exit()`



The screenshot shows the Visual Studio IDE with the code editor open to `frmPrincipal.vb`. The code defines two event handlers for menu items:

```
Public Class frmPrincipal

    Private Sub SobreToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles SobreToolStripMenuItem.C
        frmSobre.ShowDialog()
    End Sub

    Private Sub SairToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles SairToolStripMenuItem.Clic
        Application.Exit()
    End Sub

End Class
```

# Referências Bibliográficas

- MSDN: <http://msdn.microsoft.com/vstudio/>
- DEITEL, Harvey M.; DEITEL, Paul J.; NIETO, Tem R. *Véual Basic.NET: Como Programar*. Prentice-Hall, 2004