

## Exercício Album Fotos:

```
AlbumFotos 1 referência  Imagens
1 Public Class Imagens
2
3     ' our picture collection/ array
4     Private ImageList As New List(Of Picture)
5     Private CurrentIndex As Integer
6
7     0 referências
8     Private Sub btnLoad_Click(sender As Object, e As EventArgs) Handles btnLoad.Click
9         ' browse for pictures
10        ofdImage.ShowDialog()
11    End Sub
12
13    1 referência
14    Private Sub ShowImage()
15
16        Try
17            ' display image at file path
18            pbImage.Image = Image.FromFile(ImageList(CurrentIndex).FilePath)
19            txtPicture.Text = ImageList(CurrentIndex).Tag
20        Catch ex As Exception
21            ' skip on failure or missing file
22            MsgBox(ex.Message)
23        End Try
24    End Sub
25
26    1 referência
27    Public Sub LoadImage(Path As String)
28
29        ' create new instance of our picture class & add it to collection
30        Dim NewPicture As New Picture(Path, "Picture")
31        ImageList.Add(NewPicture)
32
33        ' update the image index and display new picture
34        CurrentIndex = ImageList.Count - 1
35        ShowImage()
36    End Sub
37
38    0 referências
39    Private Sub ofdImage_FileOk(sender As Object, e As System.ComponentModel.CancelEventArgs) Handles ofdImage.FileOk
40
41        Try
42            ' load the new picture
43            LoadImage(ofdImage.FileName)
44
45            ' reset the file search
46            ofdImage.FileName = "*.png;*.jpg;*.bpm"
47        Catch ex As Exception
48            ' on failure show reason
49            MsgBox(ex.Message)
50        End Try
51    End Sub
52
53 End Class
```

## Exercício Cadastro:

```
1 Imports System.Windows.Forms.LinkLabel
2
3 Public Class Form1
4
5     Private Sub btnSalvar_Click(sender As Object, e As EventArgs) Handles btnSalvar.Click
6
7         Dim Cliente = New Clientes()
8         Cliente.ID = Convert.ToInt32("0" & txtId.Text)
9         Cliente.Nome = txtNome.Text
10        Cliente.Email = txtEmail.Text
11        Cliente.Telefone = Convert.ToInt32("0" & txtTelef.Text)
12
13        ' validar objeto
14
15        If validarDados(Cliente) Then
16            Salvar(Cliente)
17            LimparForm()
18        End If
19
20    End Sub
21
22    Private Function Salvar(Cliente As Clientes)
23        ' aqui salva os dados
24        Dim Arquivo As IO.StreamWriter
25        Dim linha As String
26
27        linha = txtId.Text & ";" & txtNome.Text & ";" & txtEmail.Text & ";" & txtTelef.Text
28        Arquivo = My.Computer.FileSystem.OpenTextFileWriter("C:\Teste\teste.csv", True)
29        Arquivo.WriteLine(linha)
30        Arquivo.Close()
31
32
33        Return True
34    End Function
35
36    Private Function validarDados(Cliente As Clientes) As Boolean
37        If Cliente IsNot Nothing Then
38            Dim validar = New ClientesValidacao()
39            Dim resultado = validar.Validate(Cliente)
40
41            If Not resultado.IsValid Then
42                For Each erro In resultado.Errors
43                    MessageBox.Show(erro.ErrorMessage)
44                Return False
45            Next
46        End If
47    End If
48    Return True
49
50 End Function
51
52 Private Sub LimparForm()
53     txtId.Clear()
54     txtNome.Clear()
55     txtEmail.Clear()
56     txtTelef.Clear()
57 End Sub
58
59 Private Sub TabPage1_Click(sender As Object, e As EventArgs)
60
61 End Sub
62
63 Private Sub EditarClienteToolStripMenuItem_Click(sender As Object, e As EventArgs)
64     Dim linha As String
65     linha = txtId.Text & ";" & txtNome.Text & ";" & txtEmail.Text & ";" & txtTelef.Text
66
67 End Sub
68
69 Private Sub ListaDeClientesToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles ListaDeClientesToolStripMenuItem.Click
70     Dim Arquivo As IO.StreamReader
71     Dim linha As String
72     Dim print As String
73
74     linha = txtId.Text & ";" & txtNome.Text & ";" & txtEmail.Text & ";" & txtTelef.Text
75     Arquivo = My.Computer.FileSystem.OpenTextFileReader("C:\Teste\teste.csv")
76     Do
77         linha = Arquivo.ReadLine()
78         print = print & ControlChars.NewLine + linha
79     Loop Until linha Is Nothing
80     MsgBox(print, MsgBoxStyle.Information, "Lista de Clientes")
81     Arquivo.Close()
82 End Sub
83 End Class
84
```