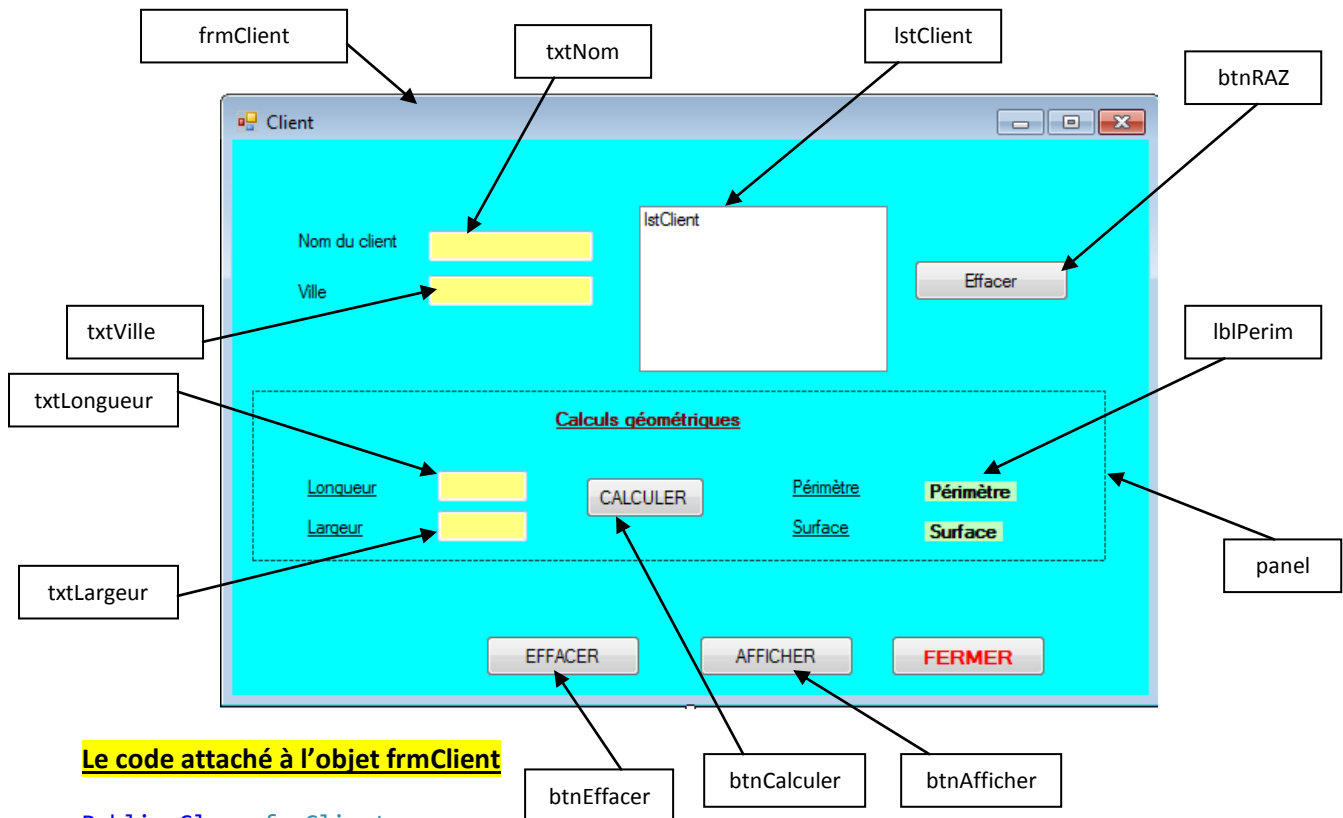


## Développement d'une interface client

### Conception (designer)



### Le code attaché à l'objet frmClient

```
Public Class frmClient
```

```
    Private Sub btnFermer_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnFermer.Click
        Me.Close()
    End Sub
```

```
End Sub
```

```
    Private Sub btnEffacer_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnEffacer.Click
        txtNom.Text = ""
        txtVille.Text = " xxx "
        Me.Refresh()
    End Sub
```

```
End Sub
```

```
    Private Sub btnAfficher_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnAfficher.Click
        Me.lstClient.Items.Add(txtNom.Text & " - " & txtVille.Text)
    End Sub
```

```
    Private Sub btnRaz_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnRaz.Click
        lstClient.Items.Clear()
    End Sub
```

```
    Private Sub btnCalculer_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCalculer.Click
```

```

'Calcul du périmètre
Dim longueur As Single : Dim largeur As Single
Dim P As Single : Dim S As Single

longueur = CSng(txtLongueur.Text)
largeur = CSng(txtLargeur.Text)
P = 2 * (longueur + largeur)

'Affichage du périmètre
lblPerim.Text = P.ToString & " mètres"
Me.Refresh()

'Calcul de la surface
S = longueur * largeur

'Affichage de la surface
lblSurface.Text = S.ToString & " mètres-carrés"

End Sub
End Class

```

### Exemples d'exécutions

The screenshot shows a Windows application window titled "Client" with a cyan background. The window contains the following elements:

- Client Information:**
  - Nom du client:** Tanguy
  - Ville:** Caen
  - List Box:** Contains three items: "Dulot - Lens", "Illyes - Lille", and "Tanguy - Caen".
  - Effacer:** A button to clear the list box.
- Calculs géométriques:**
  - Longueur:** 23
  - Largeur:** 12,8
  - CALCULER:** A button to perform the calculation.
  - Périmètre:** 71.6 mètres
  - Surface:** 294.4 mètres-carrés
- Control Buttons:**
  - EFFACER:** A button to clear the input fields.
  - AFFICHER:** A button to display the results.
  - FERMER:** A button to close the application.

Client

Nom du client

Ville

Dulot - Lens  
Illyes - Lille  
Tanguy - Caen  
Jojo - Anzin

Effacer

**Calculs géométriques**

Longueur     CALCULER    Périmètre

Largueur     Surface

EFFACER    AFFICHER    FERMER