

Ejercicio de Visual Basic

Vamos a realizar un conversor de **Pesetas a Euros**.

El formulario quedaría de esta manera.

3 Label

2 TextBox

2 RadioButton

2 Button

The screenshot shows a Visual Basic form titled "Conversor". The form's title bar includes standard Windows window controls (minimize, maximize, close). The main content area has a title "Conversor de Pesetas a Euros" enclosed in a red rectangular box. Below this, there are two labels, "Pesetas" and "Euros", also enclosed in a red rectangular box. To the right of these labels are two text boxes, enclosed in a green rectangular box. Below the text boxes are two radio buttons, "De Pesetas a Euros" and "De Euros a Pesetas", enclosed in a blue rectangular box. At the bottom of the form are two buttons, "Mas Conversion" and "Fin", enclosed in an orange rectangular box. The "Fin" button has a dotted border, indicating it is a disabled button.

En las rutinas del “**TextBox1**” y “**TextBox2**” introduciremos:

```
Public Class Form1

    Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox1.TextChanged
        RadioButton2.Enabled = False
    End Sub

    Private Sub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TextBox2.TextChanged
        RadioButton1.Enabled = False
    End Sub

End Class
```

En las rutinas del “**RadioButton1**” y “**RadioButton2**” introduciremos:

```
Private Sub RadioButton1_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles RadioButton1.CheckedChange
    TextBox2.Text = TextBox1.Text / 166.386
End Sub

Private Sub RadioButton2_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles RadioButton2.CheckedChange
    TextBox1.Text = TextBox2.Text * 166.386
End Sub
```

Finalmente, en el botón de “*Mas Conversión*” colocaremos las ordenes necesarias para colocar todos los controles

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
    TextBox2.Text = " "
    TextBox1.Text = " "
    RadioButton1.Enabled = True
    RadioButton2.Enabled = True
    RadioButton1.Enabled = False
    RadioButton2.Enabled = False
    TextBox1.Focus()
End Sub
```

En el botón de “Fin” colocamos el código habitual.

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
    End
End Sub
End Class
```

El resultado en ejecución será:

The image shows a screenshot of a Windows application window titled "Conversor". The window has a standard Windows XP-style title bar with minimize, maximize, and close buttons. The main content area has a light gray background and is titled "Conversor de Pesetas a Euros" in bold black text. Below the title, there are two rows of input fields. The first row is labeled "Pesetas" in red text, followed by a text box containing the value "2500". The second row is labeled "Euros" in red text, followed by a text box containing the value "15.0253026095946". Below these input fields, there are two radio buttons. The first radio button is selected (indicated by a small circle with a dot) and is labeled "De Pesetas a Euros". The second radio button is unselected and is labeled "De Euros a Pesetas". At the bottom of the window, there are two buttons: "Mas Conversion" on the left and "Fin" on the right. The "Mas Conversion" button has a blue border, while the "Fin" button has a gray border.

Unit	Value
Pesetas	2500
Euros	15.0253026095946

☒ De Pesetas a Euros ☐ De Euros a Pesetas