Marcela Vielman Domínguez

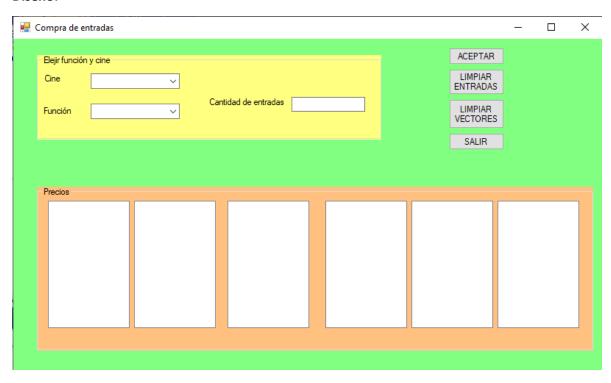
201800633

Sección P

Programación 2

Tarea 5

Diseño:



Módulo:

```
Module1.vb → X Form1.vb
                             Form1.vb [Diseño]
201800633_CINE

▼ Module1

                                                                                     → ® LIMPIAR_ENTRADAS
           2
                Public efuncion(8)
                Public ecine(8)
     3
                Public total_a_pagar(8)
     4
     5
                Public subtotal_a_pagar(8)
                Public edescuento1(8)
                Public edescuento2(8)
     8
     9
                Public indice = 0
    10
    11
                'Variables para retornar a calculo
    12
                Public calculo_subtotal As Double = 0
    13
                Public calculo_desc1 As Double = 0
                Public calculo_desc2 As Double = 0
Public calculo_total As Double = 0
    14
    15
    16
                Function calcularSubtotal(funcion As String, cine As String) As Double
    17
          18
                    Select Case cine
                        Case "A"
    19
     20
                            Select Case funcion
                                Case "1"
     21
```



```
Module1.vb → X Form1.vb Form1.vb [Diseño]
                                        → Module1
201800633 CINE

→ 
⑥ LIMPIAR ENTRADAS

                runction calculouescuentol(tuncion As String, cine As String) As Double
    51
                    If (funcion = "3" Or funcion = "4") And (cine = "C" Or cine = "B") Then
    52
         calculo_desc1 = 0.055
                    ElseIf (funcion = "1") And (cine = "C" Or cine = "B") Then
    53
         calculo_desc1 = 0.03
    54
    55
                    ElseIf (funcion = "2") And (cine = "A") Then
         ı
                       calculo_desc1 = 0.015
    57
                    End If
                    Return calculo_desc1
    58
                End Function
    59
    60
    61
                Function calculoDescuento2(subtotal2 As Double)
                    If subtotal2 >= 100 And subtotal2 <= 300 Then
    62
    63
                       calculo_desc2 = 0.02
    64
                    ElseIf subtotal2 > 300 And subtotal2 <= 500 Then
    65
                       calculo_desc2 = 0.04
                    ElseIf subtotal2 > 500 And subtotal2 <= 1000 Then
    66
    67
                       calculo_desc2 = 0.06
                    End If
    68
    69
                    Return calculo_desc2
    70
                End Function
```

```
Module1.vb → X Form1.vb
                               Form1.vb [Diseño]

→ Module1

301800633_CINE
                                                                                       - 0 I
                 runction carcatopescaenco2(saptotal2 As pouble)
     62
                     If subtotal2 >= 100 And subtotal2 <= 300 Then
     63
                         calculo_desc2 = 0.02
     64
                     ElseIf subtotal2 > 300 And subtotal2 <= 500 Then
     65
                         calculo desc2 = 0.04
     66
                     ElseIf subtotal2 > 500 And subtotal2 <= 1000 Then
     67
                         calculo_desc2 = 0.06
     68
                     End If
     69
                     Return calculo_desc2
     70
                 End Function
     71
                 2 referencias
     72
                 Sub LIMPIAR ENTRADAS()
                     Form1.ComboBcine.Text = ""
     73
                     Form1.ComboBfuncion.Text = ""
     74
     75
                     Form1.txtcantidad.Clear()
     76
                     Form1.txtcantidad.Focus()
     77
                 End Sub
     78
     79
     80
            End Module
     81
```

Form1:

```
Form1.vb → X Form1.vb [Diseño]
201800633_CINE

▼ Baceptar

                                                                                                   → 🦑 Click
             ⊡Public Class Form1
                    Private Sub Button3_Click(sender As Object, e As EventArgs) Handles Blimpiarvec.Click
                        indice = 0
                        Cine.Items.Clear()
                        Funcion.Items.Clear()
                        SubTotal.Items.Clear()
                        Descuento1.Items.Clear()
       8
                        Descuento2.Items.Clear()
                        Total.Items.Clear()
       9
                    End Sub
      10
      11
      12
                    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Baceptar.Click
                        MsgBox(calcularSubtotal("1", "A"))
      13
      14
      15
                         'verificación de los datos
                        If ComboBcine.SelectedItem = "" Or ComboBfuncion.SelectedItem = "" Or txtcantidad.Text = "" Then
      16
      17
                             MsgBox("Los campos estan vacíos")
      18
                             Exit Sub
      19
                        End If
      20
 Module1.vb
                Form1.vb → X Form1.vb [Diseño]
201800633_CINE

→ Baceptar

                                                                                              Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Baceptar.Click

MsgBox(calcularSubtotal("1", "A"))
     13
     14
     15
                       'verificación de los datos
                       If ComboBcine.SelectedItem = "" Or ComboBfuncion.SelectedItem = "" Or txtcantidad.Text = "" Then
     16
     17
                           MsgBox("Los campos estan vacíos")
     18
                           Exit Sub
     19
                       End If
     20
                       'Envio de la funcion y cine
     21
     22
                       If indice < 9 Then
                           efuncion(indice) = ComboBfuncion.SelectedItem
     23
                           ecine(indice) = ComboBcine.SelectedItem
     24
                           subtotal_a_pagar(indice) = Val(txtcantidad.Text) * calcularSubtotal(efuncion(indice), ecine(indice))
     25
                           edescuento1(indice) = subtotal_a_pagar(indice) * calculoDescuento1(efuncion(indice), ecine(indice)) edescuento2(indice) = subtotal_a_pagar(indice) * calculoDescuento2(subtotal_a_pagar(indice))
     26
     27
                           total_a_pagar(indice) = subtotal_a_pagar(indice) - (edescuento1(indice) + edescuento2(indice))
     28
     29
     30 😨
                           Funcion.Items.Add(efuncion(indice))
     31
                           Cine.Items.Add(ecine(indice))
                           SubTotal.Items.Add(subtotal a pagar(indice))
                           Descrientol Ttems Add/edescrientol/indice)
Module1.vb
                Form1.vb → X Form1.vb [Diseño]
201800633_CINE

→ 

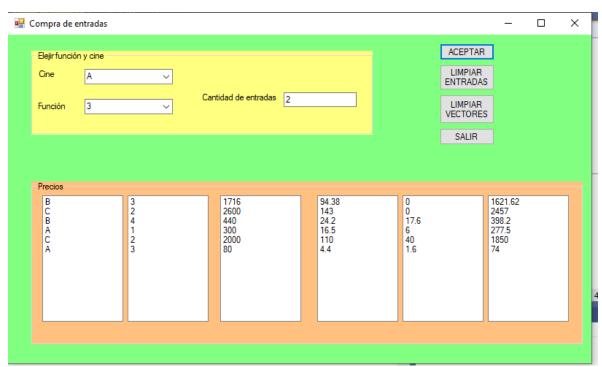
Ø Click

                           .....
    23
                           efuncion(indice) = ComboBfuncion.SelectedItem
    24
                           ecine(indice) = ComboBcine.SelectedItem
                           subtotal_a_pagar(indice) = Val(txtcantidad.Text) * calcularSubtotal(efuncion(indice), ecine(indice))
edescuento1(indice) = subtotal_a_pagar(indice) * calculoDescuento1(efuncion(indice), ecine(indice))
edescuento2(indice) = subtotal_a_pagar(indice) * calculoDescuento2(subtotal_a_pagar(indice))
    25
    26
    27
    28
                           total_a_pagar(indice) = subtotal_a_pagar(indice) - (edescuento1(indice) + edescuento2(indice))
    29
    30 💡
                           Funcion.Items.Add(efuncion(indice))
    31
                           Cine.Items.Add(ecine(indice))
    32
                           SubTotal.Items.Add(subtotal_a_pagar(indice))
    33
                           Descuento1.Items.Add(edescuento1(indice))
    34
                           Descuento2.Items.Add(edescuento2(indice))
    35
                           Total.Items.Add(total_a_pagar(indice))
    36
                       ElseIf indice >= 9 Then
    37
                       End If
    38
                  End Sub
    39
                  Private Sub Button2 Click(sender As Object, e As EventArgs) Handles Blimpiaren.Click
     41
                      LIMPIAR_ENTRADAS()
     42
                  End Sub
```

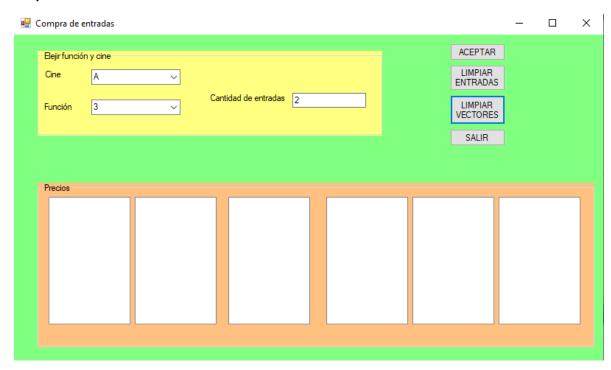
```
Module1.vb → X Form1.vb → X Form1.vb [Diseño]
                                           Baceptar
201800633_CINE
                                                                                              → 💆 Click
     35
                           Total.Items.Add(total_a_pagar(indice))
     36
                      ElseIf indice >= 9 Then
     37
                      End If
     38
                  End Sub
     39
                  Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Blimpiaren.Click
     40
     41
                      LIMPIAR_ENTRADAS()
     42
     43
                  Private Sub Button4_Click(sender As Object, e As EventArgs) Handles Bsalida.Click

If (MsgBox("DESEA SALIR?", vbQuestion + vbYesNo, "MENSAJE DE SALIDA") = vbYes) Then
     44
     45
     46
     47
     48
                          LIMPIAR_ENTRADAS()
     49
                      End If
     50
                  End Sub
     51
             End Class
     52
```

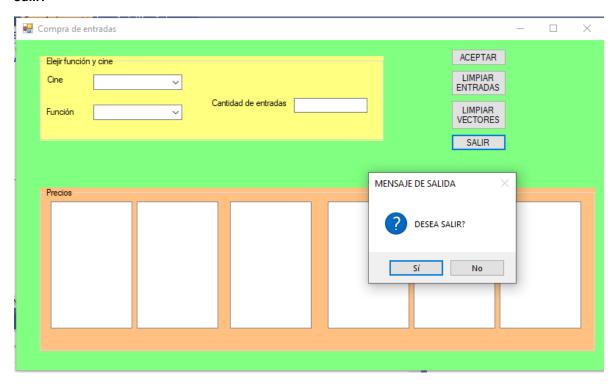
Programa funcionando:



Limpiar vectores:



Salir:



Limpiar entradas:

