





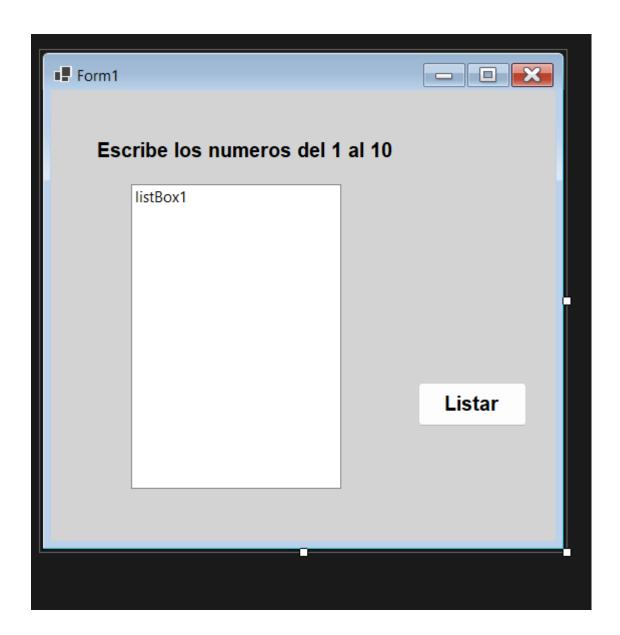
Jesus Gamaliel Cepeda Perea

2.B Ing. Mecatrónica #24580141

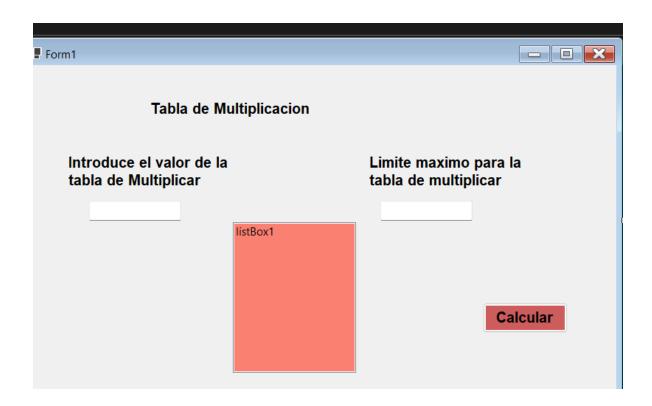
Programación Básica.

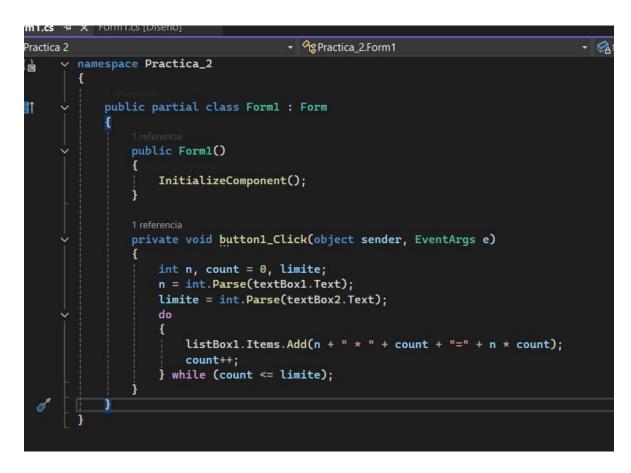
Practicas.

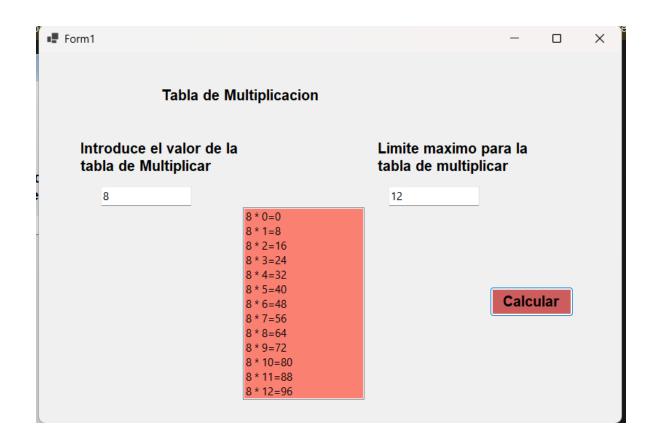
Unidad III.

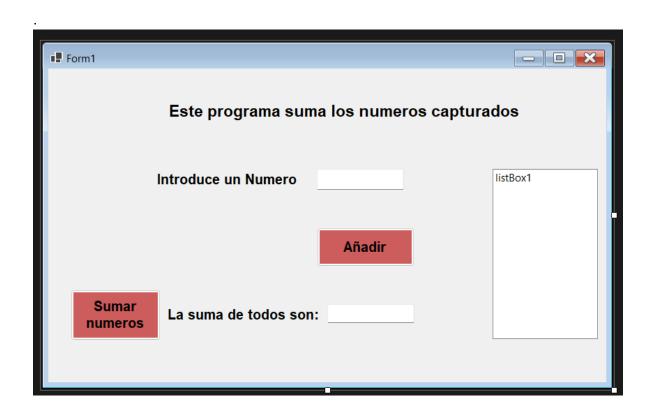


## Escribe los numeros del 1 al 10 0 1 2 3 4 5 6 7 8 9 10 Listar



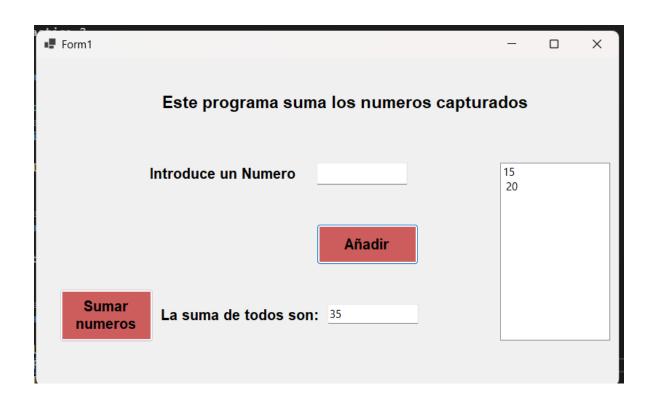


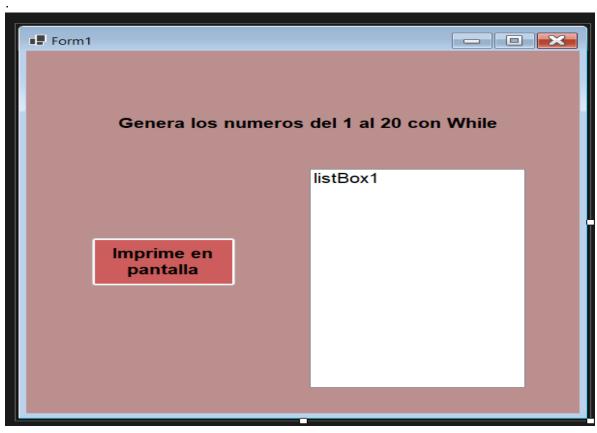


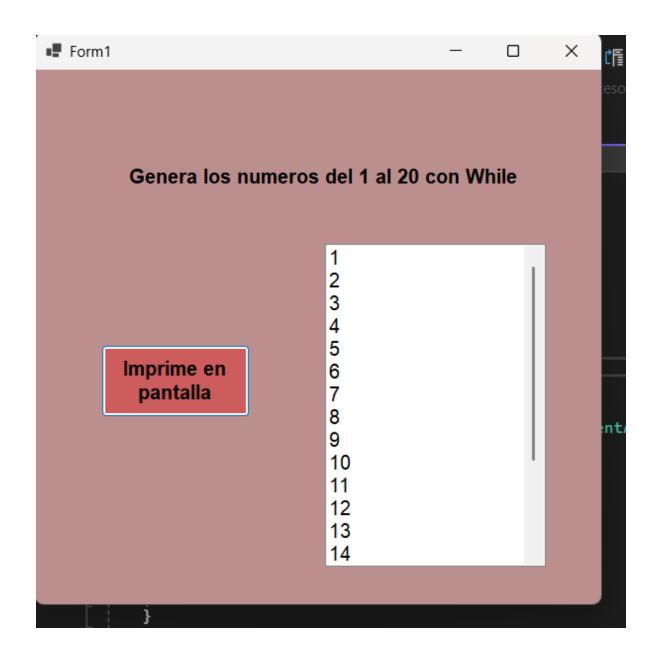


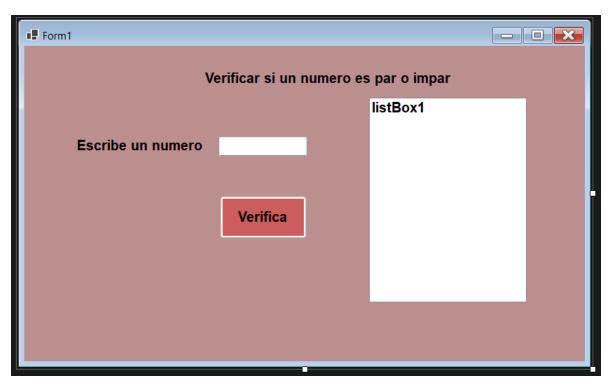
```
▼ % Practica_3.Form1

▼ Sabutton2_Click(object sender, Event
Practica 3
{⅓
        using System.Numerics;
       namespace Practica_3
日
            public partial class Form1 : Form
                float f_num, Total = 0;
                public Form1()
                    InitializeComponent();
                private void button1_Click(object sender, EventArgs e)
                    textBox2.Text = Total.ToString();
                private void button2_Click(object sender, EventArgs e)
                    listBox1.Items.Add(textBox1.Text);
                    f_num = float.Parse(textBox1.Text);
Total += f_num;
                    textBox1.Text = " ";
                    textBox1.Focus();
```

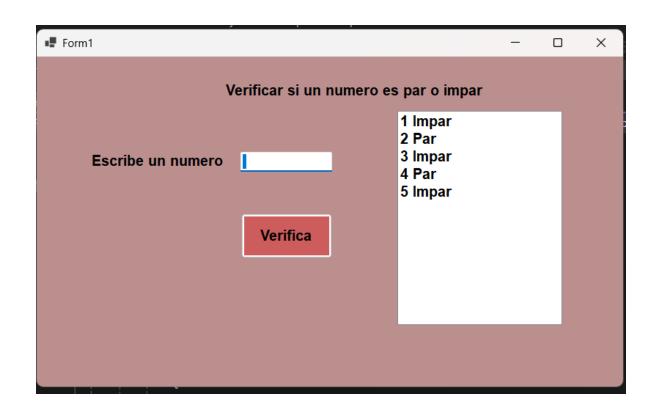


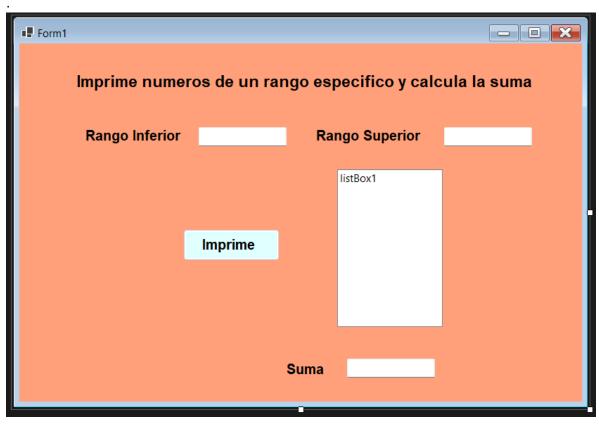




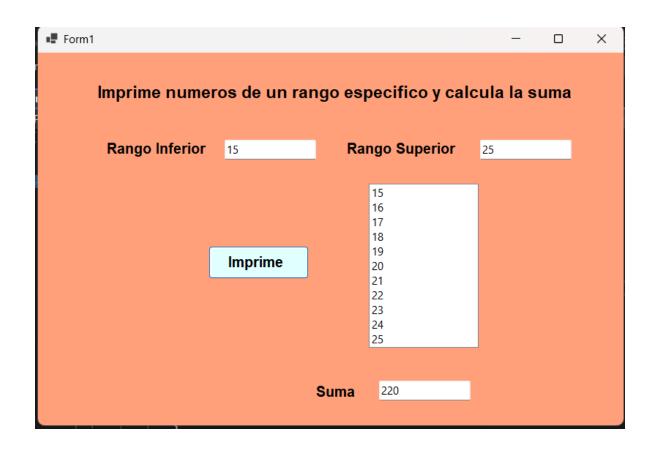


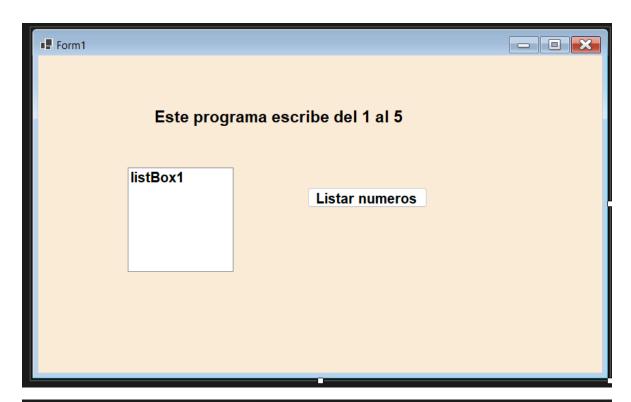
```
Form1.cs → X Form1.cs [Diseño]
                                         → 🕏 Practica_6.Form1
☐ Practica 6
       v namespace Practica_6
 { ja
              public partial class Form1 : Form
 1 referencia
public Form1()
                      InitializeComponent();
                  private void button1_Click(object sender, EventArgs e)
                      int numero = int.Parse(textBox1.Text);
                      if (numero % 2 == 0)
                          listBox1.Items.Add(numero + " Par ");
                      else
                          listBox1.Items.Add(numero + " Impar ");
                  textBox1.Text = " ";
                  textBox1.Focus();
            100 % ▼ 🥡
```

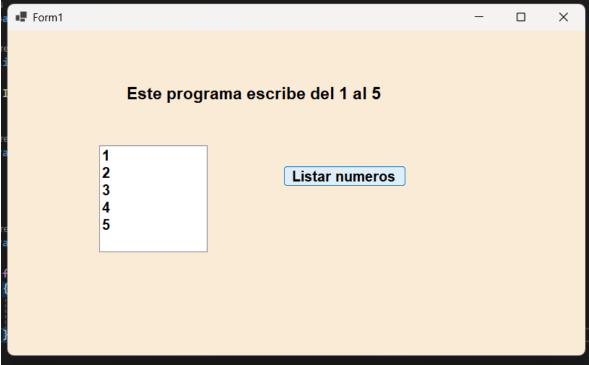




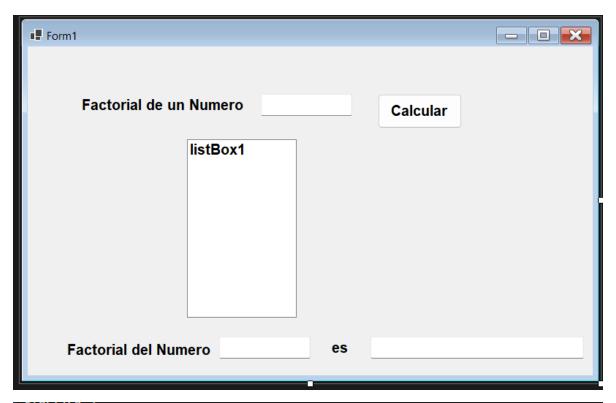
```
Form1.cs 7 X Form1.cs [Diseño]
                                           → 🗫 Practica_7.Form1
C# Practica 7
          namespace Practica_7
  { <u>}</u>
                   public Form1()
                       InitializeComponent();
                   private void button1_Click(object sender, EventArgs e)
                       int rangoinferior, rangosuperior, suma = 0;
                       rangoinferior = int.Parse(textBox1.Text);
                       rangosuperior = int.Parse(textBox2.Text);
                       for (int i = rangoinferior; i <= rangosuperior; i++)
                           listBox1.Items.Add(i);
                           suma = suma + i;
                       textBox3.Text = suma.ToString();
             No se encontraron problemas. | 
100 % ▼ 🥡
```

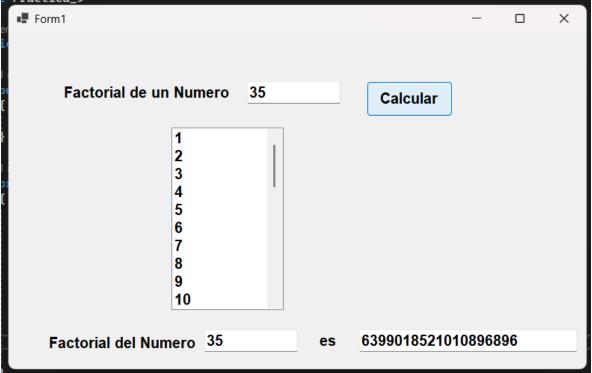






```
→ Practica_8.Form1
C# Practica 8
       v namespace Practica_8
 { b
 public partial class Form1 : Form
                 public Form1()
                    InitializeComponent();
                 private void label1_Click(object sender, EventArgs e)
                 private void button1_Click(object sender, EventArgs e)
                    for (int i = 1; i \le 5; i++)
                        listBox1.Items.Add(i);
            100 %
```

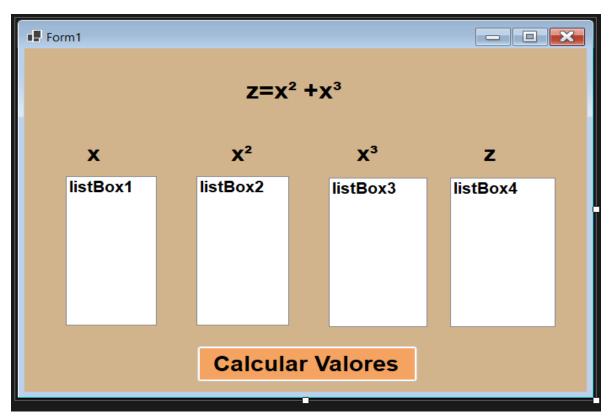


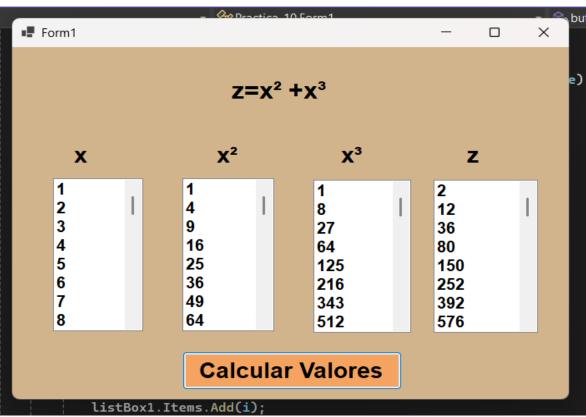


```
Form1.cs → X Form1.cs [Diseño]
                                         ▼ Practica_9.Form1

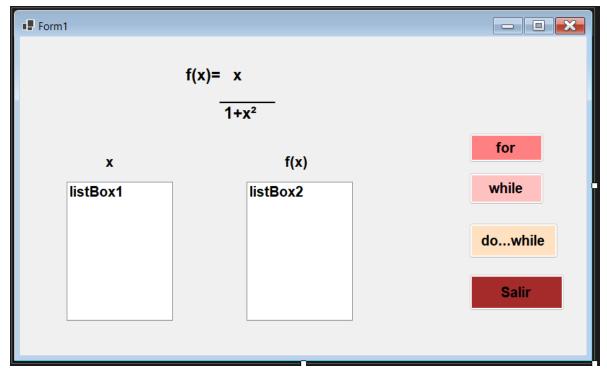
☐ Practica 9

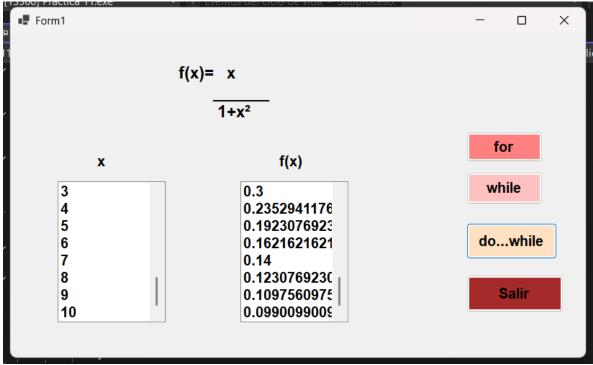
       v namespace Practica_9
  []
              3 referencias
  public partial class Form1 : Form
                  public Form1()
                      InitializeComponent();
                  private void button1_Click(object sender, EventArgs e)
                      ulong numero = ulong.Parse(textBox1.Text);
                      ulong factorial = 1;
                      for (ulong i = 1; i <= numero; i++)</pre>
                          listBox1.Items.Add(i);
                         factorial = factorial * i;
                      textBox2.Text = numero.ToString();
    @
                      textBox3.Text = factorial.ToString();
            100 % ▼ 🥡
```





```
Form1.cs + X Form1.cs [Diseño]
                                           → 🕏 Practica_10.Form1
C# Practica 10
                                                                                        → 🗞 button1
                  private void listBox4_SelectedIndexChanged(object sender, EventArgs e)
                  private void label5_Click(object sender, EventArgs e)
                  private void button1_Click(object sender, EventArgs e)
                  int i, cua, cub, zeta;
for (i = 1; i <= 50; i++)</pre>
                           cua = i * i;
                           cub = i * i * i;
                           zeta = cua + cub;
                           listBox1.Items.Add(i);
                           listBox2.Items.Add(cua);
                           listBox3.Items.Add(cub);
                           listBox4.Items.Add(zeta);
             100 % ▼ 🥡
```



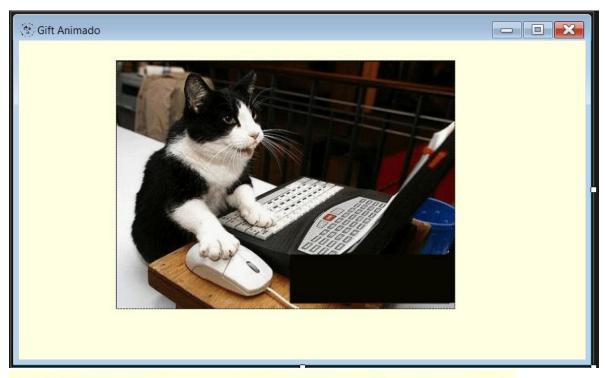


```
Form1.cs → X Form1.cs [Diseño]
                                         ▼ % Practica_11.Form1

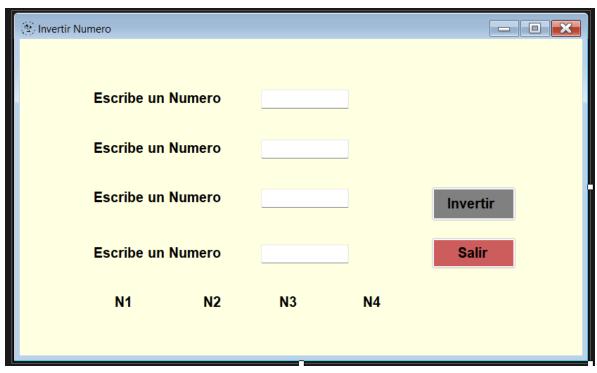
☐ Practica 11

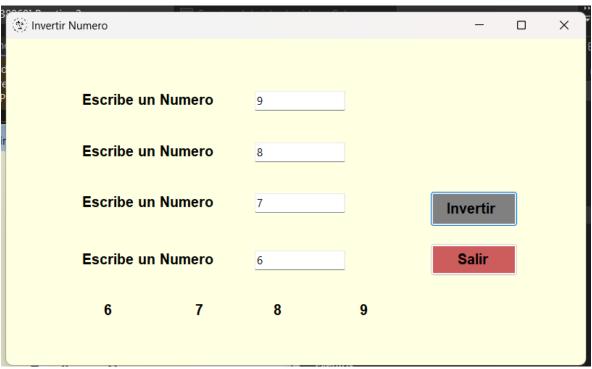
                          CTSCDONE. TCCIIIS. MUUCINA,
                          x1++;
                      }
                  private void button3_Click(object sender, EventArgs e)
                      int x2 = 1;
                      do
                         listBox1.Items.Add(x2);
                         double fx = x2 / (1.0 + x2 * x2);
                          listBox2.Items.Add(fx);
                          x2++;
                      } while (x2 <= 10);</pre>
                  private void button4_Click(object sender, EventArgs e)
                      Application.Exit();
            100 % ▼ 🥡
```

## Actividad 1.



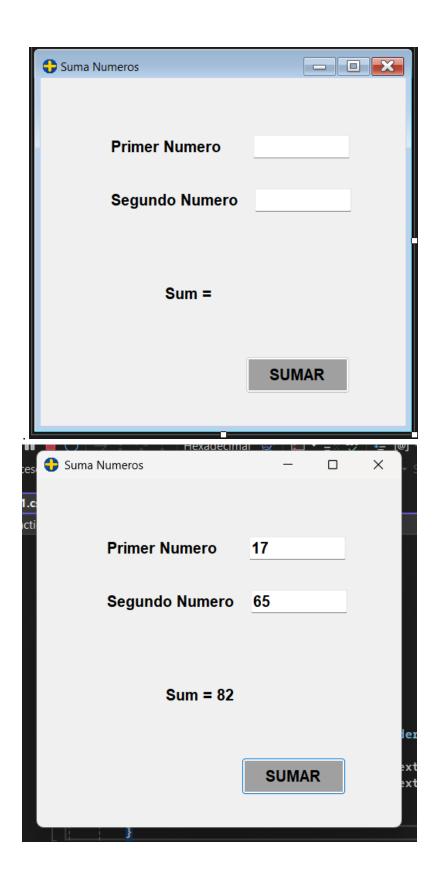






```
Form1.Designer.cs + X Form1.cs [Diseño]
                                               → 🌣 Practica_2.Form1
☐ Practica 2
                                                                                                {¹ø″ ∨ namespace Practica_2
               4 referencias
partial class Form1
                    /// Required designer variable.
/// </summary>
                    private System.ComponentModel.IContainer components = null;
                    /// <param name="disposing">true if managed resources should be disposed; otherwise, false.</param>
                    protected override void Dispose(bool disposing)
{
                         if (disposing && (components != null))
                             components.Dispose();
                         base.Dispose(disposing);
                    Windows Form Designer generated code
                    private Label label1;
                    private Label label2;
private Label label3;
              private Label label4;

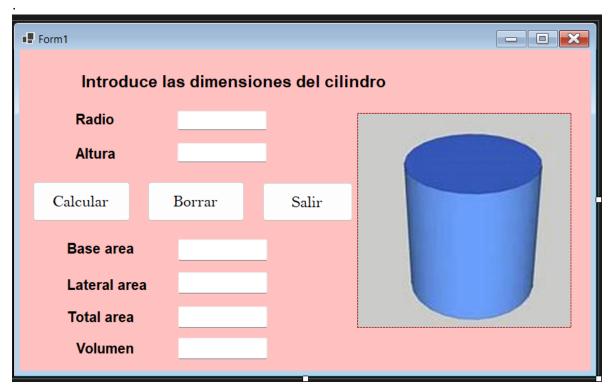
No se encontraron problemas. | ∜▼
100 % ▼ 🥡
```

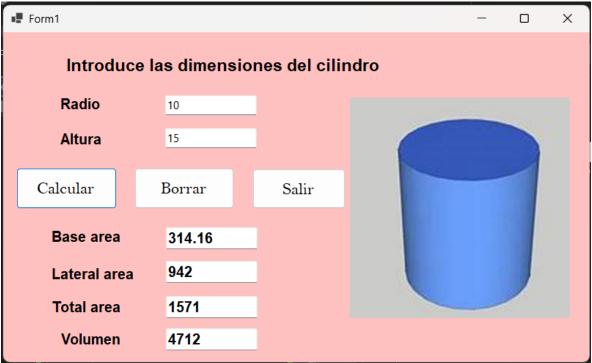


```
Form1.cs → X Form1.cs [Diseño]
                                        → 🍳 Practica_3.Form1

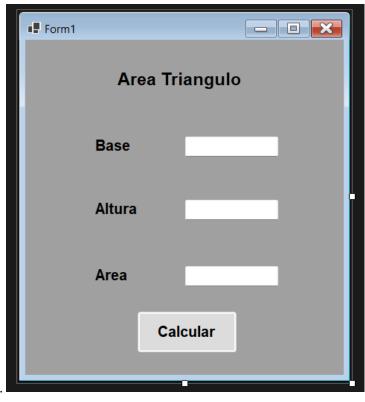
☐ Practica 3

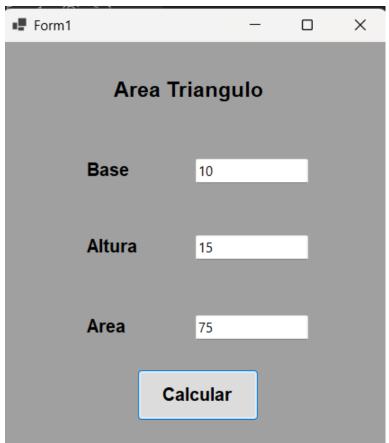
       v namespace Practica_3
  ₹}
  public partial class Form1 : Form
                 public Form1()
                 {
                     InitializeComponent();
                 private void button1_Click(object sender, EventArgs e)
                     int num1 = Int32.Parse(textBox1.Text);
                     int num2 = Int32.Parse(textBox2.Text);
                     int sum = num1 + num2;
                     label3.Text = " Sum = " + sum;
100 % ▼ 🥡
```



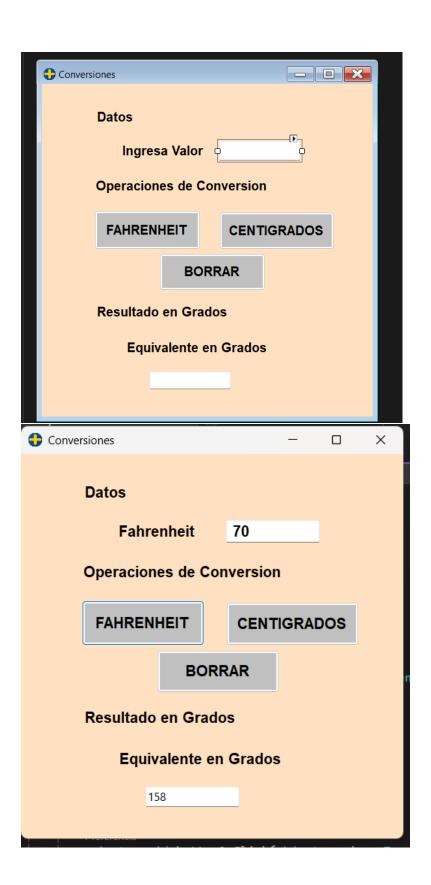


```
Form1.cs + X Form1.cs [Diseño]
C# Practica 4
                                         → 🌣 Practica_4.Form1
        v namespace Practica_4
 { <u>B</u>
              public partial class Form1 : Form
 public Form1()
                      InitializeComponent();
                  private void pictureBox1_Click(object sender, EventArgs e)
                  private void button1_Click(object sender, EventArgs e)
                     double Radius, Height;
                     double BaseArea, LateralArea, TotalArea;
                      double Volume;
                      Radius = double.Parse(textBox1.Text);
                      Height = double.Parse(textBox2.Text);
                      BaseArea = Radius * Radius * Math.PI;
                      LateralArea = 2 * Math.PI * Radius * Height;
                      TotalArea = 2 * Math.PI * Radius * (Height + Radius);
            100 %
```

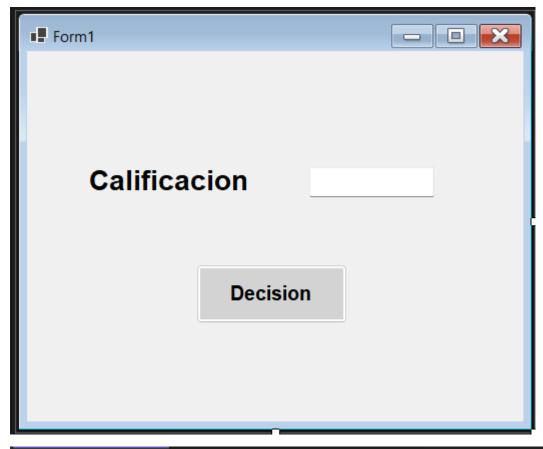


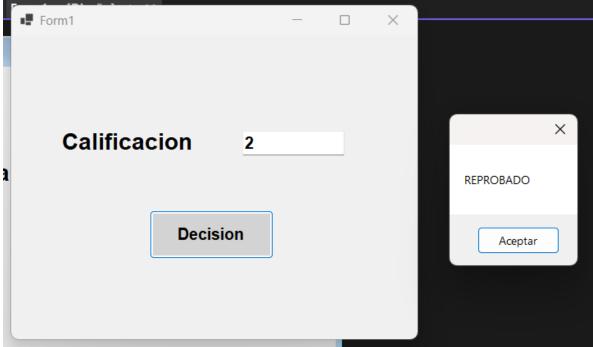


```
Form1.cs → X Form1.cs [Diseño]
                                       → Practica_5.Form1
C# Practica 5
       v namespace Practica_5
 {b
             public partial class Form1 : Form
 public Form1()
                     InitializeComponent();
                 private void button1_Click(object sender, EventArgs e)
                     float valor1 = float.Parse(textBox1.Text);
                     float valor2 = float.Parse(textBox2.Text);
                     float valor3 = valor1 * valor2 / 2;
                     textBox3.Text = valor3.ToString();
100 % ▼ 🥡
```

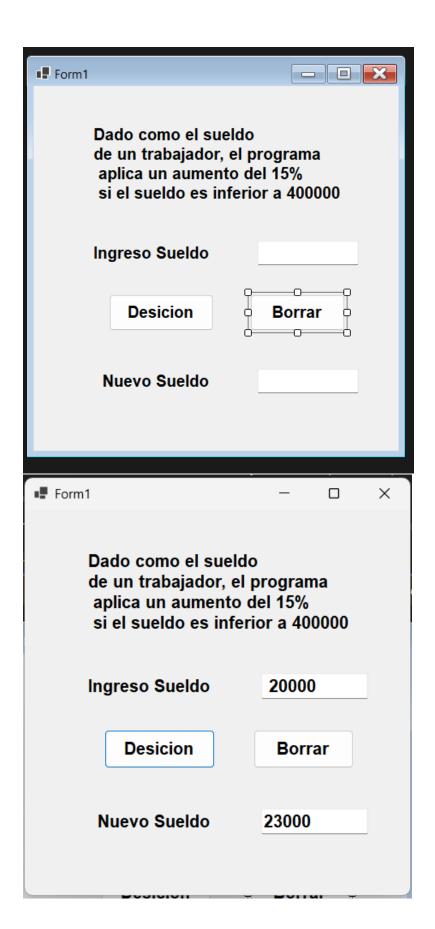


```
Form1.cs + X Form1.cs [Diseño]
C# Practica 6
                                          ▼ Practica_6.Form1
        v namespace Practica_6
  {⅓
              public partial class Form1 : Form
  public Form1()
                      InitializeComponent();
                  private void button2_Click(object sender, EventArgs e)
                      double v1, cent1;
                      v1 = double.Parse(textBox1.Text);
                      cent1 = (v1 - 32) * (5.0 / 9.0);
                      textBox2.Text = cent1.ToString();
                      label2.Text = " Centigrados ";
                  private void button1_Click(object sender, EventArgs e)
                      double v1, farh1;
                      v1 = double.Parse(textBox1.Text);
                      farh1 = v1 * (9.0 / 5.0) + 32;
                      textBox2.Text = farh1.ToString();
                      label2.Text = " Fahrenheit ";
             No se encontraron problemas.
```

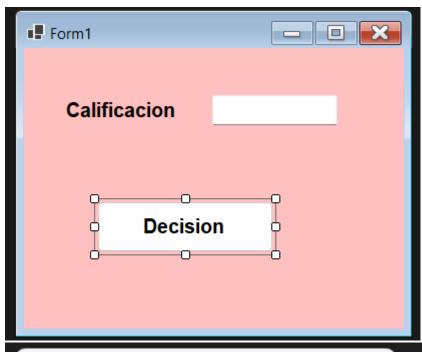


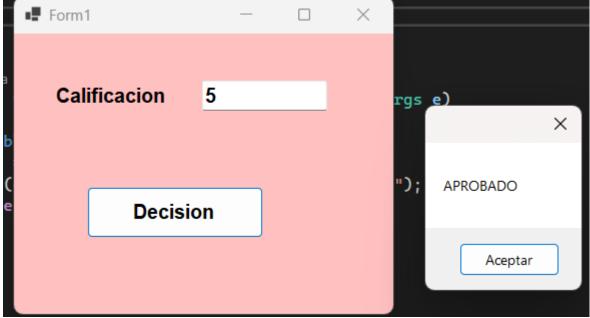


```
Form1.cs + X Form1.cs [Diseño]
                                           ▼ Practica12.Form1
C# Practica12
        v namespace Practica12
  {⅓
               public partial class Form1 : Form
  public Form1()
                       InitializeComponent();
                   private void button1_Click(object sender, EventArgs e)
                       double cal;
                       cal = double .Parse(textBox1.Text);
                       if (cal < 3.0) MessageBox.Show(" REPROBADO ");</pre>
             No se encontraron problemas.
```

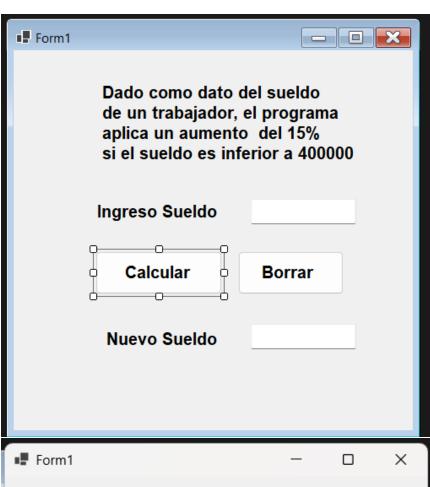


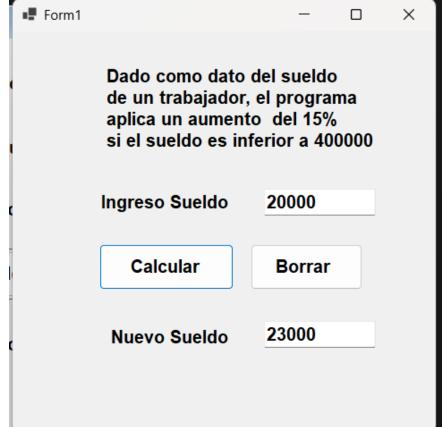
```
Form1.cs + X Form1.cs [Diseño]
                                           → 🕏 Practica_13.Form1
C# Practica 13
        v namespace Practica_13
  { ja
              public partial class Form1 : Form
  日
                   public Form1()
                       InitializeComponent();
                   private void button1_Click(object sender, EventArgs e)
                       double sueldo, aum, nsue;
                       sueldo = double.Parse(textBox1.Text);
                       if (sueldo < 400000.00)
                           aum = sueldo * 0.15;
                           nsue = sueldo + aum;
                           textBox2.Text = nsue.ToString();
                   private void button2_Click(object sender, EventArgs e)
                       textBox1.Text = " ";
                       textBox2.Text = " ";
             No se encontraron problemas.
```





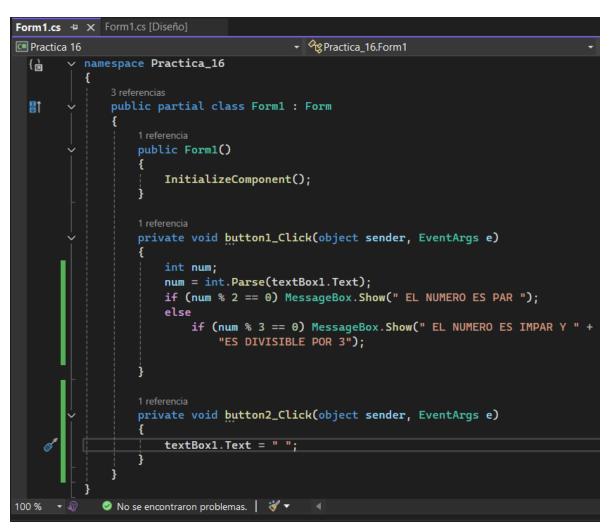
```
Form1.cs → X Form1.cs [Diseño]
                                            → Practica_14.Form1
C# Practica 14
        v namespace Practica_14
  {⅓
               3 referencias
  public partial class Form1 : Form
                   public Form1()
                       InitializeComponent();
                   private void Form1_Load(object sender, EventArgs e)
    @
                   private void button1_Click(object sender, EventArgs e)
                       double cal;
                       cal = double.Parse(textBox1.Text);
                       if (cal < 3.00) MessageBox.Show(" REPROBADO ");</pre>
                       else MessageBox.Show(" APROBADO ");
100 %
             No se encontraron problemas.
```

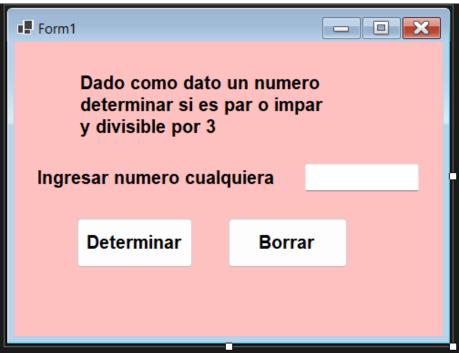


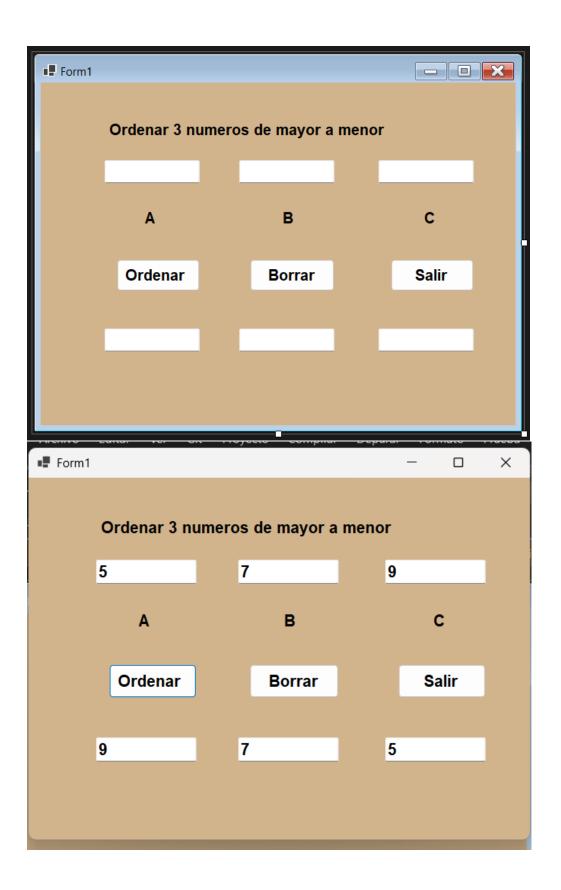


```
Form1.cs + X Form1.cs [Diseño]
                                          → 🗣 Practica_15.Form1
C# Practica 15
       v namespace Practica_15
  {}
              public partial class Form1 : Form
  public Form1()
                       InitializeComponent();
                  private void button2_Click(object sender, EventArgs e)
                      textBox1.Text = " ";
                      textBox2.Text = " ";
                  private void button1_Click(object sender, EventArgs e)
                      double sueldo, nsue;
                       sueldo = double.Parse(textBox1.Text);
                      if (sueldo < 400000.00) nsue = sueldo * 1.15;
                      else nsue = sueldo * 1.08;
                       textBox2.Text = nsue.ToString();
             No se encontraron problemas.
```

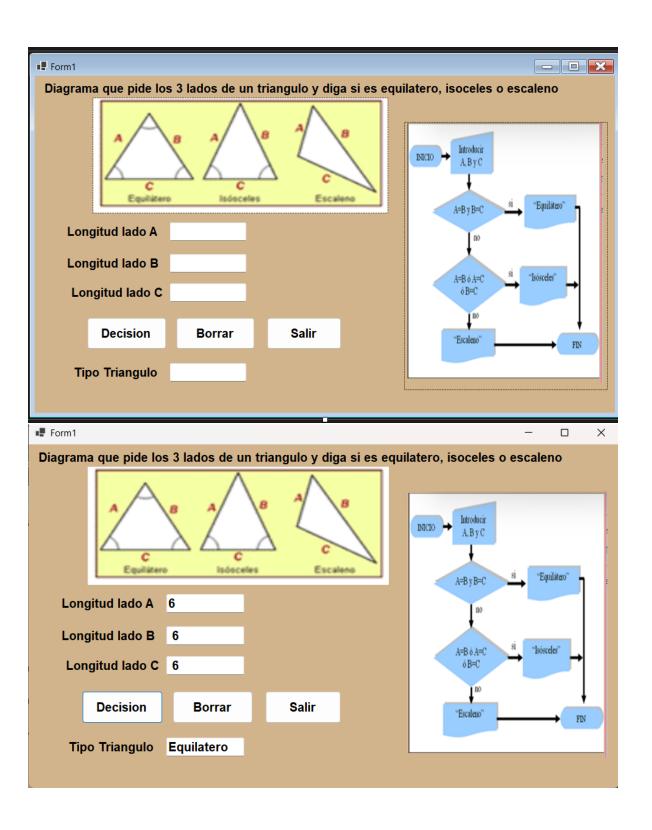


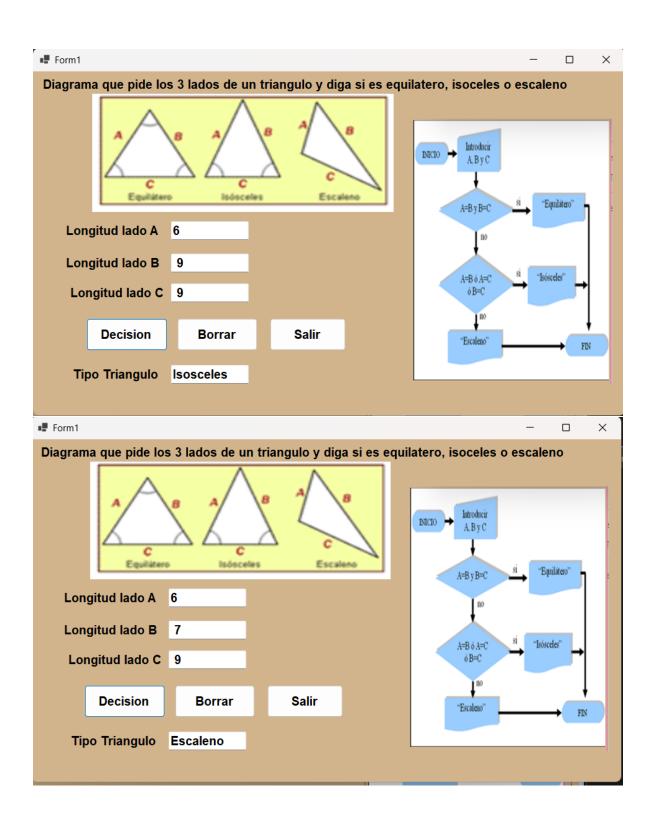




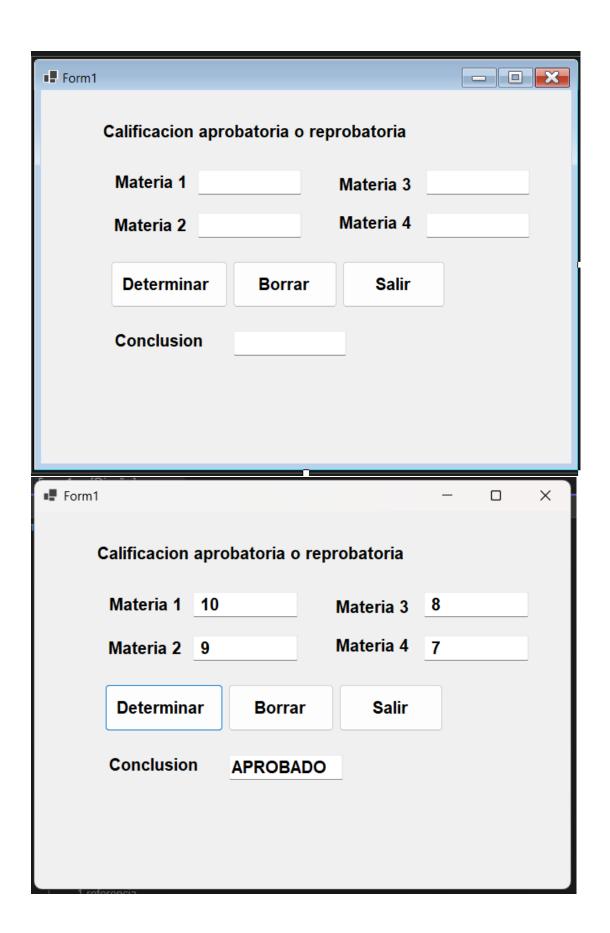


```
Form1.cs → X Form1.cs [Diseño]
C# Practica 17
                                          → Practica_17.Form1
       v namespace Practica_17
 { <u>j</u>
              3 referencias
              public partial class Form1 : Form
 計
                  public Form1()
                      InitializeComponent();
                  private void button1_Click(object sender, EventArgs e)
                      int A, B, C;
                      A = int.Parse(textBox1.Text);
                      B = int.Parse(textBox2.Text);
                      C = int.Parse(textBox3.Text);
                      if ((A > B) && (B > C))
                          textBox4.Text = A.ToString();
                          textBox5.Text = B.ToString();
                          textBox6.Text = C.ToString();
                      if ((A > B) \&\& (B < C))
                          textBox4.Text = A.ToString();
                          textBox5.Text = C.ToString();
                          textBox6.Text = B.ToString();
100 %
```





```
Form1.cs → X Form1.cs [Diseño]
                                          → 🗣 Practica_18.Form1
C# Practica 18
                      InitializeComponent();
                  private void label5_Click(object sender, EventArgs e)
                  private void button1_Click(object sender, EventArgs e)
                      double lado1, lado2, lado3;
                      lado1 = double.Parse(textBox1.Text);
                      lado2 = double.Parse(textBox2.Text);
                      lado3 = double.Parse(textBox3.Text);
                      if ((lado1 == lado2) && (lado2 == lado3))
    textBox4.Text = "Equilatero";
                      else
                      if ((lado1 == lado2) || (lado1 == lado3) || (lado2 == lado3))
                          textBox4.Text = "Isosceles";
                      else textBox4.Text = "Escaleno";
                  private void button2_Click(object sender, EventArgs e)
                       textBox1.Text = "";
                      textBox2.Text = " ";
             No se encontraron problemas.
```

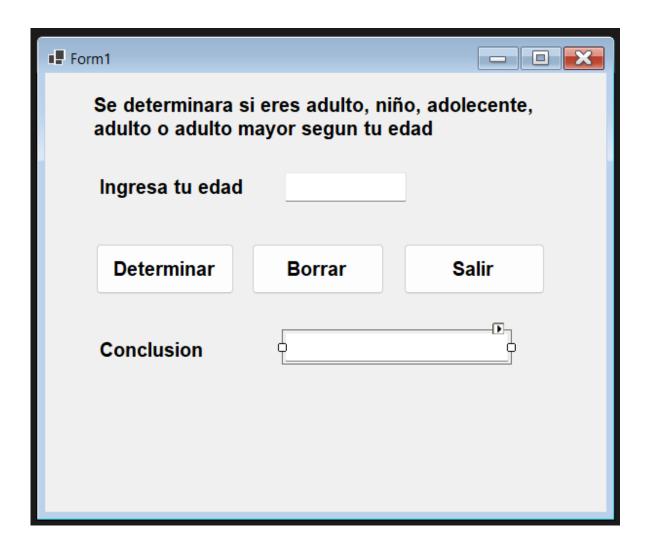


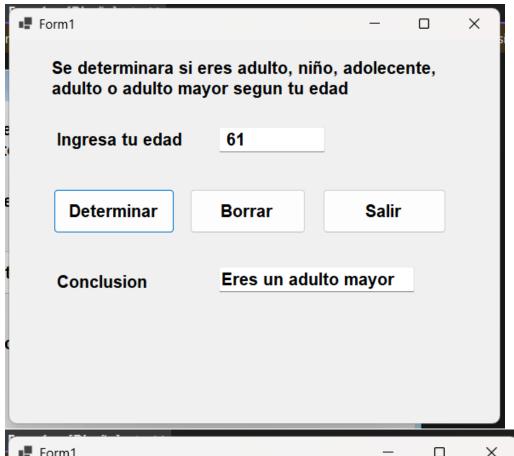


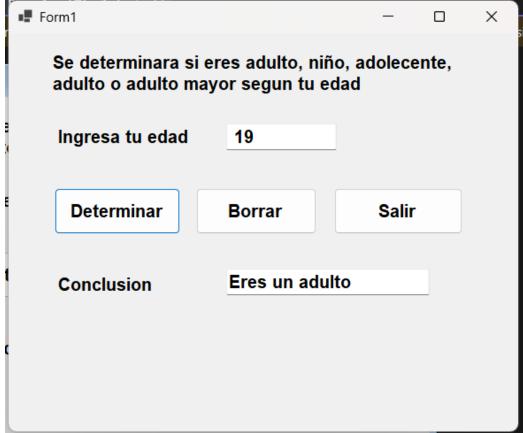
```
Form1.cs* → X Form1.cs [Diseño]*
                                          → Practica_19.Form1
C# Practica 19

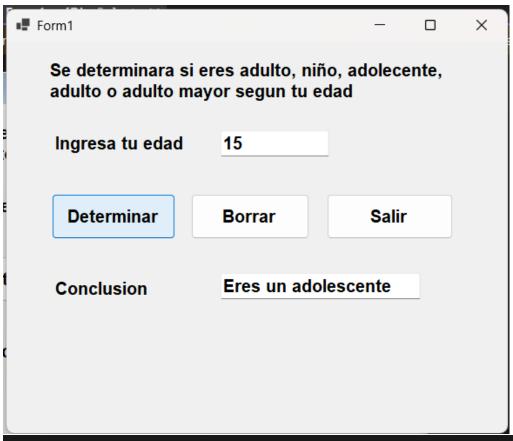
√ namespace Practica_19

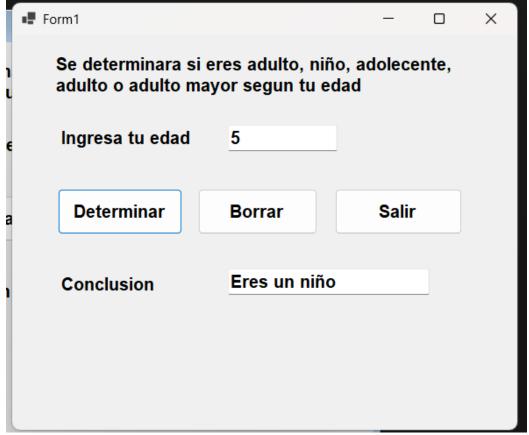
 { j
  public partial class Form1 : Form
                  public Form1()
                      InitializeComponent();
                  private void button2_Click(object sender, EventArgs e)
                      textBox1.Text = " ";
                      textBox2.Text = " ";
                      textBox3.Text = " ";
textBox4.Text = " ";
                      textBox5.Text = " ";
                  private void button3_Click(object sender, EventArgs e)
                      Application.Exit();
                  private void button1_Click(object sender, EventArgs e)
100 %
```











```
Form1.cs → X Form1.cs [Diseño]
☐ Practica 20
                                          → Practica_20.Form1
        v namespace Practica_20
  []
              public partial class Form1 : Form
  日
                  public Form1()
                       InitializeComponent();
                  private void label3_Click(object sender, EventArgs e)
                  private void button2_Click(object sender, EventArgs e)
                      textBox1.Text = " ";
                      textBox2.Text = " ";
                  private void button3_Click(object sender, EventArgs e)
                  {
                      Application.Exit();
100 %
             No se encontraron problemas.
```