



# TECNOLÓGICO NACIONAL DE MÉXICO CAMPUS REYNOSA

TEMA: UNIDAD 3

**DOCENTE: MIRIAM PUENTE JIMENEZ** 

MATERIA: PROGRAMACIÓN BÁSICA

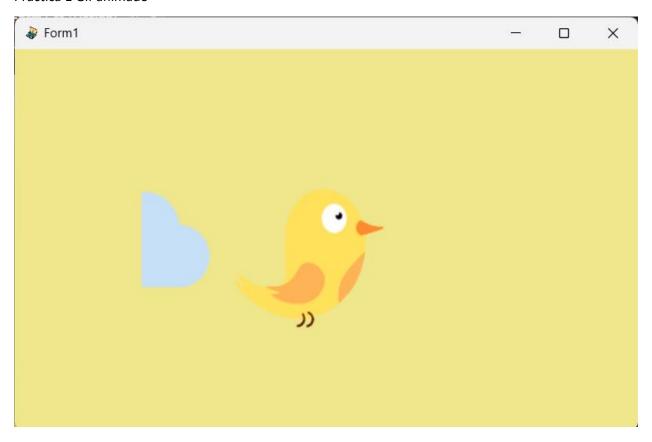
**ALUMNO: FERNANDO RAMOS COTA** 

NUMERO DE CONTROL: 24580111

FECHA DE ENTREGA: 04 DE ABRIL DE 2025

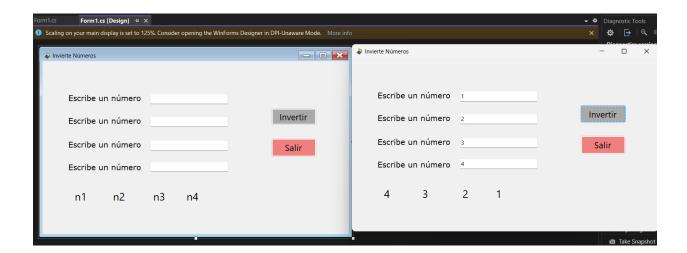
INGENIERIA MECATRÓNICA

# Practica 1 Gif animado

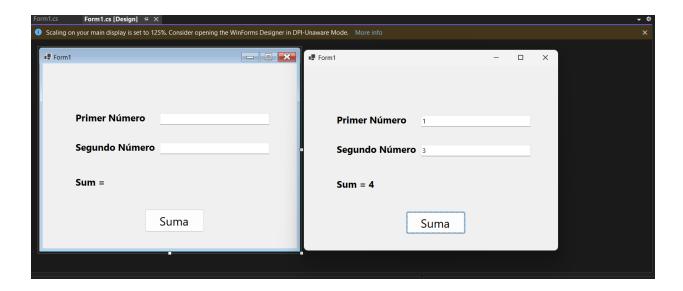


### Practica 2 Invierte datos

```
Form1.cs 🗢 🗙 Form1.cs [Design]
                    s • %Practica_2_Invierte_Datos.Form1
public partial class Form1 : Form
Œ Practica 2 Invierte Datos
                                                                                     public Form1()
                             InitializeComponent();
                        private void Invertir_Click(object sender, EventArgs e)
                            int a, b, c, d;
a = int.Parse(textBox1.Text);
                            b = int.Parse(textBox2.Text);
                            c = int.Parse(textBox3.Text);
                            d = int.Parse(textBox4.Text);
                            label5.Text = d.ToString();
                            label6.Text = c.ToString();
label7.Text = b.ToString();
                             label8.Text = a.ToString();
                         private void button2_Click(object sender, EventArgs e)
                             Application.Exit();
                        private void textBox4_TextChanged(object sender, EventArgs e)
```



## Practica 3 Suma 2 números

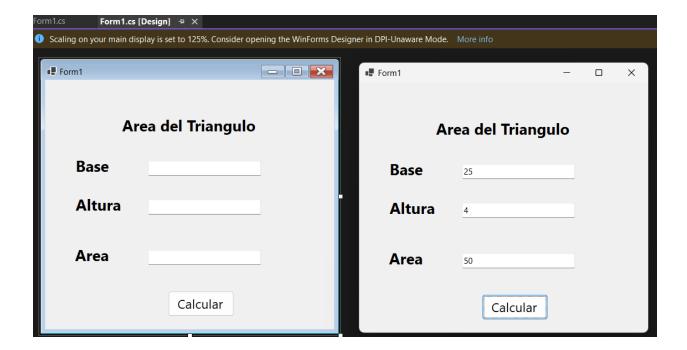


## Práctica 4 Cilindro

```
Form1.cs + × Form1.cs [Design]
Practica 4 Cilindro
                                           → Practica_4_Cilindro.Form1
                                                                                         +
                          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);
                              Volume = Math.PI * Radius * Radius * Height;
                              textBox3.Text = BaseArea.ToString("0.##");
                              textBox4.Text = LateralArea.ToString("0.##");
                              textBox6.Text = TotalArea.ToString("0.##");
textBox5.Text = Volume.ToString("0.##");
                          private void label6_Click(object sender, EventArgs e)
                          private void button3_Click(object sender, EventArgs e)
                              Application.Exit();
```

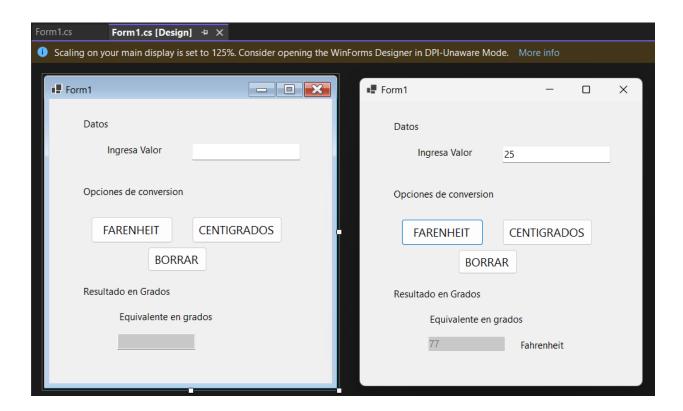


# Práctica 5 Área triángulo

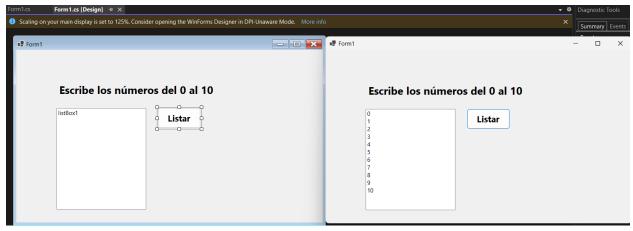


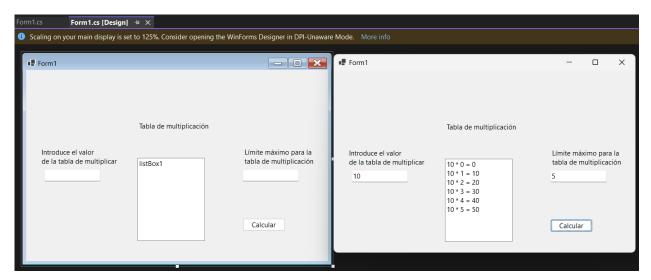
# Práctica 6 Conversión Temperatura

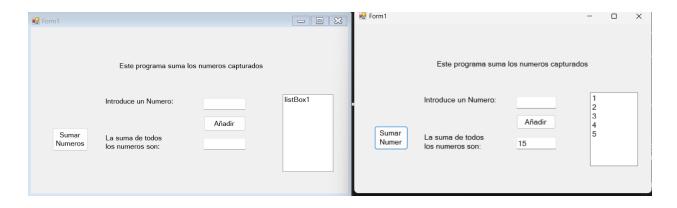
```
Form1.cs + × Form1.cs [Design]
C Conversion Temperatura
                    public partial class Form1 : Form
                             InitializeComponent();
                         private void button1_Click(object sender, EventArgs e)
                             double v1, farh1;
v1 = double.Parse(textBox1.Text);
                             farh1 = v1 * (9.0 / 5.0) + 32;
                             textBox2.Text = (farh1.ToString());
                             label6.Text = "Fahrenheit";
       16
                         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());
                             label6.Text = "Celsius";
                         private void button3_Click(object sender, EventArgs e)
                             textBox2.Text = "";
                             label6.Text = "";
```

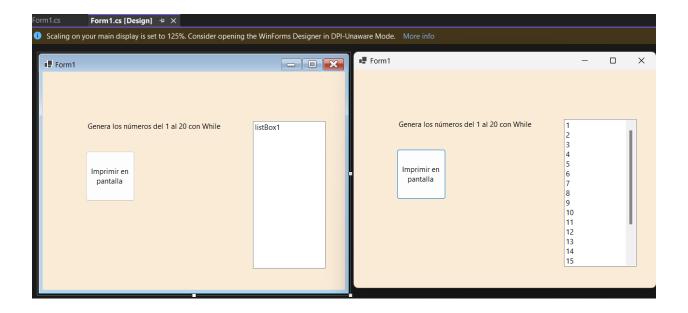


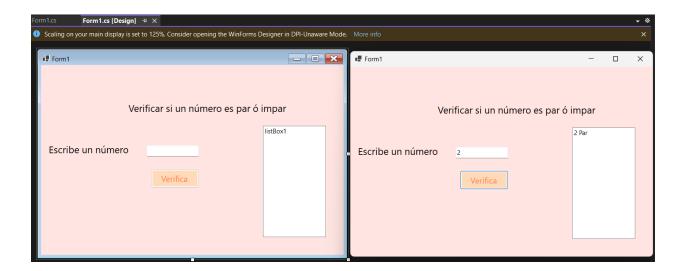


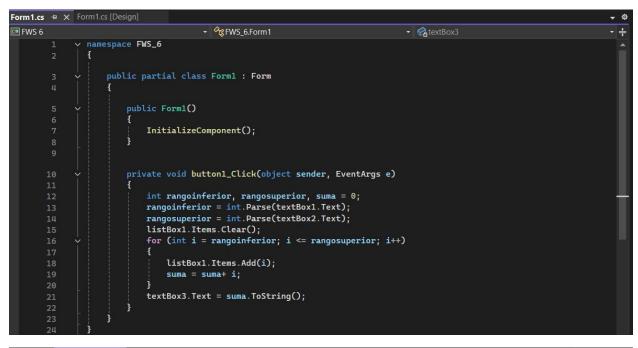


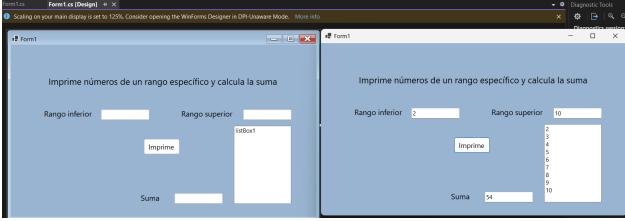


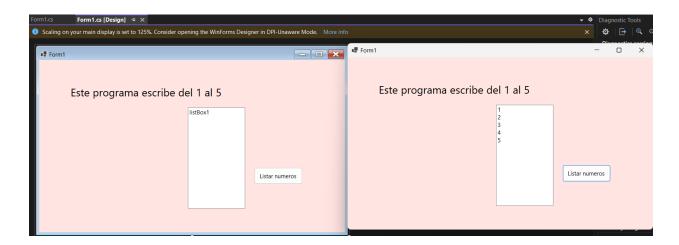


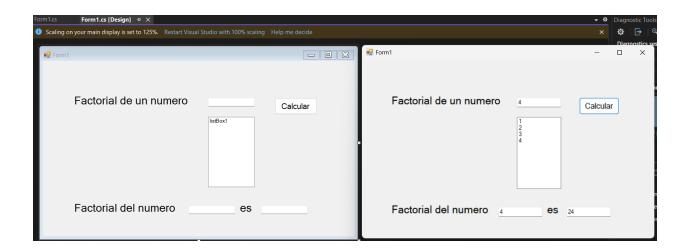


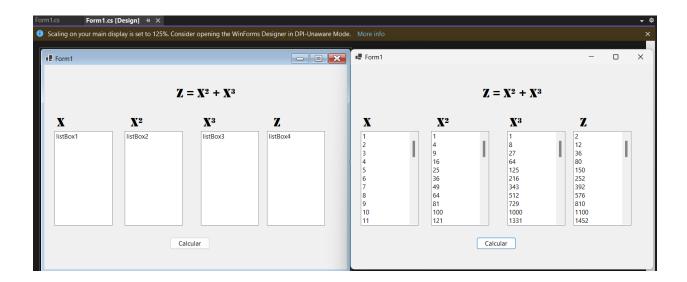




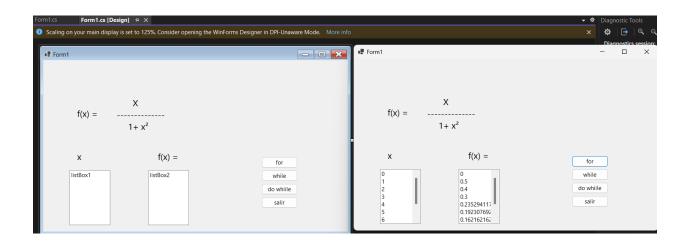


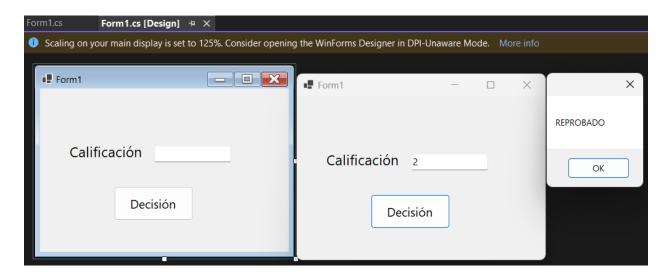






```
Form1.cs + X Form1.cs [Design]
Œ FWD 11
                                           → %FWD_11.Form1
                                                                                         → Sabutton3_Click(object sender, EventArgs e)
                           private void button1_Click(object sender, EventArgs e)
                               for (int x = 0; x < 10; x++)
                                    listBox1.Items.Add(x);
                                    double fx = x / (1.0 + x * x);
listBox2.Items.Add(fx);
                           private void button2_Click(object sender, EventArgs e)
                               while (x1 <= 10)
                                    listBox1.Items.Add(x1);
                                    double fx = x1 / (1.0 + x1 * x1);
listBox2.Items.Add(fx);
                           1 reference
private void button3_Click(object sender, EventArgs e)
                               int x2 = 1;
                                    listBox1.Items.Add(x2);
                                    double fx = x2 / (1.0 + x2 * x2);
                                    listBox2.Items.Add(fx);
                               x2++;
} while (x2 <= 10);
        420
```

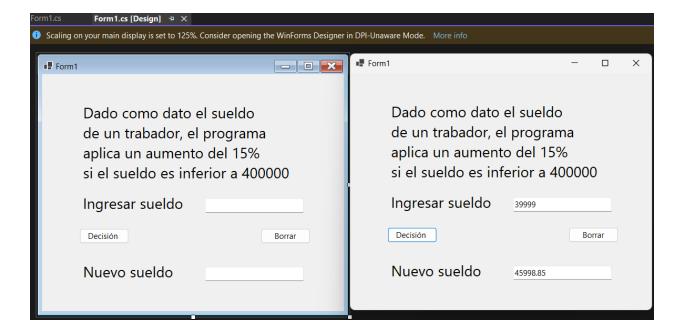


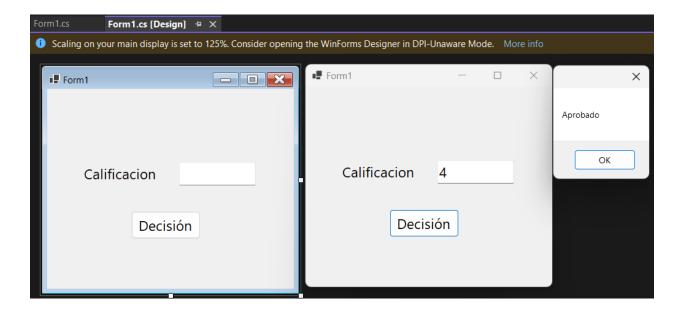


```
Form1.cs + X Form1.cs [Design]
Œ ES 13
                                           + <sup>2</sup>% ES_13.Form1
                                                                                         { <u>}</u>

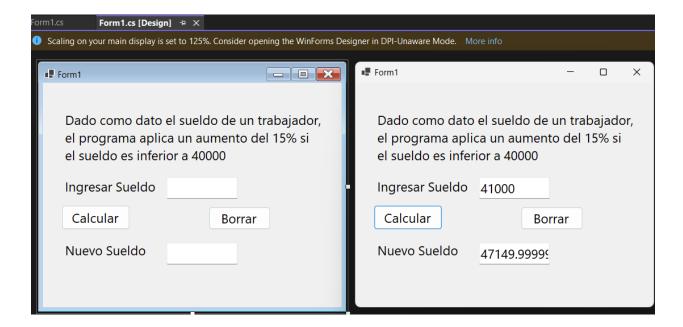
√ namespace ES_13

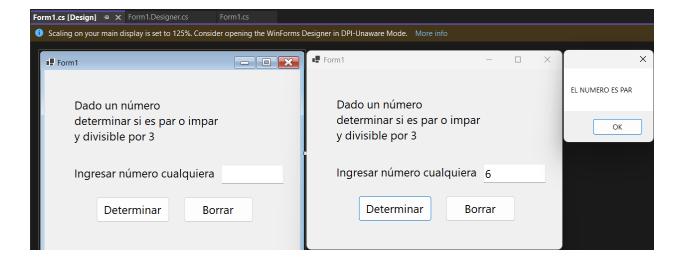
                     public partial class Form1 : Form
                              InitializeComponent();
                          private void button1_Click(object sender, EventArgs e)
                              double sueldo, aum, nsue;
sueldo = double.Parse(textBox1.Text);
                              if (sueldo < 400000.00)
                                   aum = sueldo * 0.15;
                                  nsue = sueldo + aum;
                                   textBox2.Text = nsue.ToString();
                          private void button2_Click(object sender, EventArgs e)
                              textBox2.Clear();
```





```
Form1.cs → X Form1.cs [Design]
©# ES 15
                                          ▼ 48 ES_15.Form1
                                                                                      v namespace ES_15
  { <u>}</u>
  1 reference
public Form1()
                             InitializeComponent();
                         private void Form1_Load(object sender, EventArgs e)
                         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();
                         private void button2_Click(object sender, EventArgs e)
                             textBox1.Clear();
                             textBox2.Clear();
```





```
Form1.cs + X Form1.cs [Design]
                                            C# ES 17

→ Sabutton3_Click(object sender, EventArgs e)

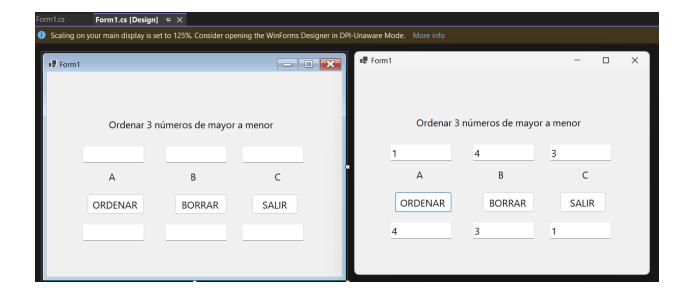
                          private void button1_Click(object sender, EventArgs e)
                               int A, B, C;
                               A = int.Parse(textBox1.Text);
                               B = int.Parse(textBox2.Text);
                               C = int.Parse(textBox3.Text);
                               if (A > B)
                                   if (B > C)
if (B > C)
                                            textBox4.Text = A.ToString();
                                            textBox5.Text = B.ToString();
                                            textBox6.Text = C.ToString();
                                        else
                                            textBox4.Text = A.ToString();
                                            textBox5.Text = C.ToString();
                                            textBox6.Text = B.ToString();
                                       textBox4.Text = C.ToString();
textBox5.Text = A.ToString();
textBox6.Text = B.ToString();
                               if (B > C)
                                   if (A > C)
                                        textBox4.Text = B.ToString();
                                        textBox5.Text = A.ToString();
                                        textBox6.Text = C.ToString();
```

```
Form1.cs + X Form1.cs [Design]
                                           - *GES_17.Form1

textbox4.lext = b.lostring();

textBox5.Text = A.ToString();

textBox6.Text = C.ToString();
C# ES 17
                                                                                                    → 🌳 button3_Click(object sender, EventArgs e)
                                       else
                                            textBox4.Text = B.ToString();
                                            textBox5.Text = C.ToString();
textBox6.Text = A.ToString();
                                       textBox4.Text = C.ToString();
                                       textBox5.Text = B.ToString();
                                       textBox6.Text = A.ToString();
                             private void button2_Click(object sender, EventArgs e)
                                  textBox1.Clear();
                                  textBox2.Clear();
                                  textBox3.Clear();
                                  textBox4.Clear();
                                  textBox5.Clear();
                                  textBox6.Clear();
                             private void button3_Click(object sender, EventArgs e)
         71
                                  Application.Exit();
```



```
Form1.cs 🗗 🗙 Form1.cs [Design]
Œ ES 18
                                              ▼ 🕏 ES_18.Form1
                                                                                               → 😪 button3_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";
                                if ((lado1 == lado2) || (lado1 == lado3) || (lado2 == lado3))
                                textBox4.Text = "Isosceles";
else textBox4.Text = "Escaleno";
                           private void button2_Click(object sender, EventArgs e)
                                textBox1.Clear();
                                textBox2.Clear();
                                textBox3.Clear();
                                textBox4.Clear();
                           private void button3_Click(object sender, EventArgs e)
                                Application.Exit();
```

