

UNIVERSIDAD AMERICANA

FACULTAD DE INGENIERÍA Y ARQUITECTURA

Carrera de Ingeniería en Sistemas



Formularios (20)

Grupo 6

René Nicolás Sandoval Lagos

CIF: 23021709

Stephany Daiana Flores Baltodano

CIF: 23020108

Emma Cecilia Serrano Urroz

CIF: 23012394

Programación Estructurada

Ing. Carlos Iván Argüello Martínez

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[https://docs.google.com/document/d/1rQWhMAKXFhTofmLJrzPeUI4XoeUdVu0YfVOTXE
WoFfE/edit?usp=sharing](https://docs.google.com/document/d/1rQWhMAKXFhTofmLJrzPeUI4XoeUdVu0YfVOTXEWoFfE/edit?usp=sharing)

Ejercicio 1

Link de github del ejercicio 1:

<https://github.com/Renesls/Ejercicio-1.git>

Ejercicio 2

Form1.Designers.cs

using System;

namespace TallerMecanico

```
{
    partial class Form1
    {
        private System.ComponentModel.IContainer components = null;

        private System.Windows.Forms.Label labelMarca;
        private System.Windows.Forms.Label labelModelo;
        private System.Windows.Forms.Label labelAno;
        private System.Windows.Forms.Label labelMatricula;
        private System.Windows.Forms.Label labelTipoReparacion;
        private System.Windows.Forms.Label labelSeguro;
        private System.Windows.Forms.TextBox txtMarca;
        private System.Windows.Forms.TextBox txtModelo;
        private System.Windows.Forms.TextBox txtAno;
        private System.Windows.Forms.TextBox txtMatricula;
        private System.Windows.Forms.ComboBox cmbTipoReparacion;
        private System.Windows.Forms.CheckBox chkSeguro;
        private System.Windows.Forms.Button btnRegistrar;
        private System.Windows.Forms.Button btnCancelar;
        private System.Windows.Forms.Label labelNombreDueno;
        private System.Windows.Forms.Label labelCedula;
        private System.Windows.Forms.Label labelTelefono;
        private System.Windows.Forms.Label labelFechaRegistro;
        private System.Windows.Forms.TextBox txtNombreDueno;
        private System.Windows.Forms.TextBox txtCedula;
        private System.Windows.Forms.TextBox txtTelefono;
        private System.Windows.Forms.DateTimePicker dtpFechaRegistro;
        private System.Windows.Forms.Label labelEmpresa;

        protected override void Dispose(bool disposing)
        {
            if (disposing && (components != null))
            {

```

```

        components.Dispose();
    }
    base.Dispose(disposing);
}

private void InitializeComponent()
{
    System.ComponentModel.ComponentResourceManager resources = new
System.ComponentModel.ComponentResourceManager(typeof(Form1));
    this.labelMarca = new System.Windows.Forms.Label();
    this.labelModelo = new System.Windows.Forms.Label();
    this.labelAño = new System.Windows.Forms.Label();
    this.labelMatricula = new System.Windows.Forms.Label();
    this.labelTipoReparacion = new System.Windows.Forms.Label();
    this.labelSeguro = new System.Windows.Forms.Label();
    this.txtMarca = new System.Windows.Forms.TextBox();
    this.txtModelo = new System.Windows.Forms.TextBox();
    this.txtAño = new System.Windows.Forms.TextBox();
    this.txtMatricula = new System.Windows.Forms.TextBox();
    this.cmbTipoReparacion = new System.Windows.Forms.ComboBox();
    this.chkSeguro = new System.Windows.Forms.CheckBox();
    this.btnRegistrar = new System.Windows.Forms.Button();
    this.btnCancelar = new System.Windows.Forms.Button();
    this.labelNombreDueno = new System.Windows.Forms.Label();
    this.txtNombreDueno = new System.Windows.Forms.TextBox();
    this.labelCedula = new System.Windows.Forms.Label();
    this.txtCedula = new System.Windows.Forms.TextBox();
    this.labelTelefono = new System.Windows.Forms.Label();
    this.txtTelefono = new System.Windows.Forms.TextBox();
    this.labelFechaRegistro = new System.Windows.Forms.Label();
    this.dtpFechaRegistro = new System.Windows.Forms.DateTimePicker();
    this.labelEmpresa = new System.Windows.Forms.Label();
    this.pictureBox1 = new System.Windows.Forms.PictureBox();
    ((System.ComponentModel.ISupportInitialize)(this.pictureBox1)).BeginInit();
    this.SuspendLayout();
    //
    // labelMarca
    //
    this.labelMarca.Location = new System.Drawing.Point(25, 340);
    this.labelMarca.Name = "labelMarca";
    this.labelMarca.Size = new System.Drawing.Size(100, 23);
    this.labelMarca.TabIndex = 13;
    this.labelMarca.Text = "Marca del auto:";
    //
    // labelModelo
    //
    this.labelModelo.Location = new System.Drawing.Point(25, 380);
    this.labelModelo.Name = "labelModelo";

```

```

this.labelModelo.Size = new System.Drawing.Size(100, 23);
this.labelModelo.TabIndex = 12;
this.labelModelo.Text = "Modelo:";
//
// labelAno
//
this.labelAno.Location = new System.Drawing.Point(25, 420);
this.labelAno.Name = "labelAno";
this.labelAno.Size = new System.Drawing.Size(100, 23);
this.labelAno.TabIndex = 11;
this.labelAno.Text = "Año:";
//
// labelMatricula
//
this.labelMatricula.Location = new System.Drawing.Point(25, 460);
this.labelMatricula.Name = "labelMatricula";
this.labelMatricula.Size = new System.Drawing.Size(100, 23);
this.labelMatricula.TabIndex = 10;
this.labelMatricula.Text = "Matrícula:";
//
// labelTipoReparacion
//
this.labelTipoReparacion.Location = new System.Drawing.Point(25, 500);
this.labelTipoReparacion.Name = "labelTipoReparacion";
this.labelTipoReparacion.Size = new System.Drawing.Size(100, 23);
this.labelTipoReparacion.TabIndex = 9;
this.labelTipoReparacion.Text = "Tipo de reparación:";
//
// labelSeguro
//
this.labelSeguro.Location = new System.Drawing.Point(25, 540);
this.labelSeguro.Name = "labelSeguro";
this.labelSeguro.Size = new System.Drawing.Size(100, 23);
this.labelSeguro.TabIndex = 8;
this.labelSeguro.Text = "¿ Tiene seguro?";
//
// txtMarca
//
this.txtMarca.Location = new System.Drawing.Point(155, 340);
this.txtMarca.Name = "txtMarca";
this.txtMarca.Size = new System.Drawing.Size(200, 20);
this.txtMarca.TabIndex = 7;
//
// txtModelo
//
this.txtModelo.Location = new System.Drawing.Point(155, 380);
this.txtModelo.Name = "txtModelo";
this.txtModelo.Size = new System.Drawing.Size(200, 20);

```

```

this.txtModelo.TabIndex = 6;
//
// txtAno
//
this.txtAno.Location = new System.Drawing.Point(155, 420);
this.txtAno.Name = "txtAno";
this.txtAno.Size = new System.Drawing.Size(200, 20);
this.txtAno.TabIndex = 5;
//
// txtMatricula
//
this.txtMatricula.Location = new System.Drawing.Point(155, 460);
this.txtMatricula.Name = "txtMatricula";
this.txtMatricula.Size = new System.Drawing.Size(200, 20);
this.txtMatricula.TabIndex = 4;
//
// cmbTipoReparacion
//
this.cmbTipoReparacion.DropDownStyle =
System.Windows.Forms.ComboBoxStyle.DropDownList;
this.cmbTipoReparacion.Location = new System.Drawing.Point(155, 500);
this.cmbTipoReparacion.Name = "cmbTipoReparacion";
this.cmbTipoReparacion.Size = new System.Drawing.Size(200, 21);
this.cmbTipoReparacion.TabIndex = 3;
//
// chkSeguro
//
this.chkSeguro.Location = new System.Drawing.Point(155, 540);
this.chkSeguro.Name = "chkSeguro";
this.chkSeguro.Size = new System.Drawing.Size(15, 14);
this.chkSeguro.TabIndex = 2;
//
// btnRegistrar
//
this.btnRegistrar.Location = new System.Drawing.Point(70, 597);
this.btnRegistrar.Name = "btnRegistrar";
this.btnRegistrar.Size = new System.Drawing.Size(114, 41);
this.btnRegistrar.TabIndex = 1;
this.btnRegistrar.Text = "Registrar";
this.btnRegistrar.Click += new System.EventHandler(this.btnRegistrar_Click);
//
// btnCancelar
//
this.btnCancelar.Location = new System.Drawing.Point(261, 597);
this.btnCancelar.Name = "btnCancelar";
this.btnCancelar.Size = new System.Drawing.Size(105, 41);
this.btnCancelar.TabIndex = 0;
this.btnCancelar.Text = "Cancelar";

```

```
this.btnCancelar.Click += new System.EventHandler(this.btnCancelar_Click);
//
// labelNombreDueno
//
this.labelNombreDueno.Location = new System.Drawing.Point(25, 180);
this.labelNombreDueno.Name = "labelNombreDueno";
this.labelNombreDueno.Size = new System.Drawing.Size(120, 23);
this.labelNombreDueno.TabIndex = 9;
this.labelNombreDueno.Text = "Nombre del dueño:";
//
// txtNombreDueno
//
this.txtNombreDueno.Location = new System.Drawing.Point(155, 180);
this.txtNombreDueno.Name = "txtNombreDueno";
this.txtNombreDueno.Size = new System.Drawing.Size(256, 20);
this.txtNombreDueno.TabIndex = 8;
//
// labelCedula
//
this.labelCedula.Location = new System.Drawing.Point(25, 220);
this.labelCedula.Name = "labelCedula";
this.labelCedula.Size = new System.Drawing.Size(120, 23);
this.labelCedula.TabIndex = 7;
this.labelCedula.Text = "Número de cédula:";
//
// txtCedula
//
this.txtCedula.Location = new System.Drawing.Point(155, 220);
this.txtCedula.Name = "txtCedula";
this.txtCedula.Size = new System.Drawing.Size(256, 20);
this.txtCedula.TabIndex = 6;
//
// labelTelefono
//
this.labelTelefono.Location = new System.Drawing.Point(25, 260);
this.labelTelefono.Name = "labelTelefono";
this.labelTelefono.Size = new System.Drawing.Size(120, 23);
this.labelTelefono.TabIndex = 5;
this.labelTelefono.Text = "Número de teléfono:";
//
// txtTelefono
//
this.txtTelefono.Location = new System.Drawing.Point(155, 260);
this.txtTelefono.Name = "txtTelefono";
this.txtTelefono.Size = new System.Drawing.Size(256, 20);
this.txtTelefono.TabIndex = 4;
//
// labelFechaRegistro
```

```

//
this.labelFechaRegistro.Location = new System.Drawing.Point(25, 300);
this.labelFechaRegistro.Name = "labelFechaRegistro";
this.labelFechaRegistro.Size = new System.Drawing.Size(120, 23);
this.labelFechaRegistro.TabIndex = 2;
this.labelFechaRegistro.Text = "Fecha de registro:";
//
// dtpFechaRegistro
//
this.dtpFechaRegistro.Location = new System.Drawing.Point(155, 300);
this.dtpFechaRegistro.Name = "dtpFechaRegistro";
this.dtpFechaRegistro.Size = new System.Drawing.Size(256, 20);
this.dtpFechaRegistro.TabIndex = 3;
//
// labelEmpresa
//
this.labelEmpresa.Font = new System.Drawing.Font("Arial", 30F,
System.Drawing.FontStyle.Bold);
this.labelEmpresa.ForeColor = System.Drawing.SystemColors.Highlight;
this.labelEmpresa.Location = new System.Drawing.Point(190, 35);
this.labelEmpresa.Name = "labelEmpresa";
this.labelEmpresa.Size = new System.Drawing.Size(238, 103);
this.labelEmpresa.TabIndex = 0;
this.labelEmpresa.Text = "MECHAA CARS";
this.labelEmpresa.Click += new System.EventHandler(this.labelEmpresa_Click);
//
// pictureBox1
//
this.pictureBox1.Image =
((System.Drawing.Image)(resources.GetObject("pictureBox1.Image")));
this.pictureBox1.Location = new System.Drawing.Point(13, 12);
this.pictureBox1.Name = "pictureBox1";
this.pictureBox1.Size = new System.Drawing.Size(171, 140);
this.pictureBox1.SizeMode = System.Windows.Forms.PictureBoxSizeMode.Zoom;
this.pictureBox1.TabIndex = 14;
this.pictureBox1.TabStop = false;
this.pictureBox1.Click += new System.EventHandler(this.pictureBox1_Click);
//
// Form1
//
this.ClientSize = new System.Drawing.Size(440, 662);
this.Controls.Add(this.pictureBox1);
this.Controls.Add(this.labelEmpresa);
this.Controls.Add(this.labelFechaRegistro);
this.Controls.Add(this.dtpFechaRegistro);
this.Controls.Add(this.txtTelefono);
this.Controls.Add(this.labelTelefono);
this.Controls.Add(this.txtCedula);

```



```

        this.Controls.Add(this.labelCedula);
        this.Controls.Add(this.txtNombreDueno);
        this.Controls.Add(this.labelNombreDueno);
        this.Controls.Add(this.btnCancelar);
        this.Controls.Add(this.btnRegistrar);
        this.Controls.Add(this.chkSeguro);
        this.Controls.Add(this.cmbTipoReparacion);
        this.Controls.Add(this.txtMatricula);
        this.Controls.Add(this.txtAño);
        this.Controls.Add(this.txtModelo);
        this.Controls.Add(this.txtMarca);
        this.Controls.Add(this.labelSeguro);
        this.Controls.Add(this.labelTipoReparacion);
        this.Controls.Add(this.labelMatricula);
        this.Controls.Add(this.labelAño);
        this.Controls.Add(this.labelModelo);
        this.Controls.Add(this.labelMarca);
        this.Name = "Form1";
        this.Text = "Registro de Autos en Reparación";
        ((System.ComponentModel.ISupportInitialize)(this.pictureBox1)).EndInit();
        this.ResumeLayout(false);
        this.PerformLayout();

    }

    private System.Windows.Forms.PictureBox pictureBox1;
}
}

```

Form1.cs

```

using System;
using System.Windows.Forms;

namespace TallerMecanico
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
            // Llenar el ComboBox con opciones para tipo de reparación
            cmbTipoReparacion.Items.Add("Cambio de aceite");
            cmbTipoReparacion.Items.Add("Revisión general");
            cmbTipoReparacion.Items.Add("Cambio de frenos");
            cmbTipoReparacion.Items.Add("Reparación de motor");
        }
    }
}

```

```

private void btnRegistrar_Click(object sender, EventArgs e)
{
    // Validar los campos ingresados
    if (string.IsNullOrEmpty(txtMarca.Text) ||
        string.IsNullOrEmpty(txtModelo.Text) ||
        string.IsNullOrEmpty(txtAño.Text) ||
        string.IsNullOrEmpty(txtMatricula.Text) ||
        string.IsNullOrEmpty(txtNombreDueno.Text) ||
        string.IsNullOrEmpty(txtCedula.Text) ||
        string.IsNullOrEmpty(txtTelefono.Text) ||
        cmbTipoReparacion.SelectedIndex == -1)
    {
        MessageBox.Show("Por favor, complete todos los campos.");
        return;
    }

    // Lógica para manejar el registro de autos
    string marca = txtMarca.Text;
    string modelo = txtModelo.Text;
    string año = txtAño.Text;
    string matricula = txtMatricula.Text;
    string tipoReparacion = cmbTipoReparacion.SelectedItem.ToString();
    bool seguro = chkSeguro.Checked;
    string nombreDueno = txtNombreDueno.Text;
    string cedula = txtCedula.Text;
    string telefono = txtTelefono.Text;
    DateTime fechaRegistro = dtpFechaRegistro.Value;

    // Aquí puedes agregar el código para guardar estos datos
    MessageBox.Show("Registro exitoso!");
    // Limpiar los campos después del registro
    LimpiarCampos();
}

private void btnCancelar_Click(object sender, EventArgs e)
{
    // Cerrar la aplicación o realizar otra acción
    txtMarca.Clear();
    txtModelo.Clear();
    txtAño.Clear();
    txtMatricula.Clear();
    txtNombreDueno.Clear();
    txtCedula.Clear();
    txtTelefono.Clear();
    cmbTipoReparacion.SelectedIndex = -1;
    chkSeguro.Checked = false;
    dtpFechaRegistro.Value = DateTime.Now;
}

```

```

    }

    private void LimpiarCampos()
    {
        txtMarca.Clear();
        txtModelo.Clear();
        txtAno.Clear();
        txtMatricula.Clear();
        txtNombreDueno.Clear();
        txtCedula.Clear();
        txtTelefono.Clear();
        cmbTipoReparacion.SelectedIndex = -1;
        chkSeguro.Checked = false;
        dtpFechaRegistro.Value = DateTime.Now;
    }

    private void labelEmpresa_Click(object sender, EventArgs e)
    {

    }

    private void pictureBox1_Click(object sender, EventArgs e)
    {

    }
}

```