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**13 BÀI TẬP THỰC HÀNH  LẬP TRÌNH C# CĂN BẢN**

**- WINDOWS FORM**

**Bài 1 - Bài Tập C# - Đối Tượng Form Và Một Số Control Thông Dụng**

**Trong Lập Trình Windows Form**

**Form1.cs**

namespace Bai1

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void Form1\_Load(object sender, EventArgs e)

{

if (MessageBox.Show("Bạn có muốn mở chương trình", "Hỏi người dùng", MessageBoxButtons.OKCancel, MessageBoxIcon.Question) == DialogResult.Cancel)

Dispose();

}

private void label1\_Click(object sender, EventArgs e)

{

}

private void button1\_Click(object sender, EventArgs e)

{

MessageBox.Show("Tên của bạn là: " + txt\_hoten.Text);

}

private void Form1\_KeyDown(object sender, KeyEventArgs e)

{

if (e.Modifiers == Keys.Alt && e.KeyCode == Keys.H)

//Lưu ý: bật KeyPreview == true trước khi chạy Form

{

// gán nội dung "Hello Freetuts.net" vào ô TextBox

txt\_hoten.Text = "Hello Freetuts.net !!!";

}

}

private void Form1\_MouseClick(object sender, MouseEventArgs e)

{

if (e.Button == MouseButtons.Left) {

MessageBox.Show("Bạn vừa click chuột trái");

}

if (e.Button == MouseButtons.Right)

{

MessageBox.Show("Bạn vừa click chuột phải");

}

if (e.Button == MouseButtons.Middle)

{

MessageBox.Show("Bạn vừa click chuột giữa");

}

}

private void button2\_Click(object sender, EventArgs e)

{

DialogResult dg = MessageBox.Show("Bạn có muốn đóng chương trình", "Hỏi người dùng", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dg == DialogResult.Yes)

{

Application.Exit();

}

}

}

}

**Form1.Designer.cs**

namespace Bai1

{

partial class Form1

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <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);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

label1 = new Label();

txt\_hoten = new TextBox();

button1 = new Button();

button2 = new Button();

SuspendLayout();

//

// label1

//

label1.AutoSize = true;

label1.Font = new Font("Arial Narrow", 12F, FontStyle.Regular, GraphicsUnit.Point, 0);

label1.Location = new Point(73, 101);

label1.Name = "label1";

label1.Size = new Size(92, 24);

label1.TabIndex = 0;

label1.Text = "Họ và tên: ";

label1.Click += label1\_Click;

//

// txt\_hoten

//

txt\_hoten.Font = new Font("Segoe UI", 12F, FontStyle.Regular, GraphicsUnit.Point, 0);

txt\_hoten.Location = new Point(202, 101);

txt\_hoten.Name = "txt\_hoten";

txt\_hoten.Size = new Size(321, 34);

txt\_hoten.TabIndex = 1;

//

// button1

//

button1.Location = new Point(154, 228);

button1.Name = "button1";

button1.Size = new Size(94, 29);

button1.TabIndex = 2;

button1.Text = "Hiển thị";

button1.UseVisualStyleBackColor = true;

button1.Click += button1\_Click;

//

// button2

//

button2.Location = new Point(363, 228);

button2.Name = "button2";

button2.Size = new Size(94, 29);

button2.TabIndex = 3;

button2.Text = "Thoát";

button2.UseVisualStyleBackColor = true;

button2.Click += button2\_Click;

//

// Form1

//

AutoScaleDimensions = new SizeF(8F, 20F);

AutoScaleMode = AutoScaleMode.Font;

ClientSize = new Size(640, 333);

Controls.Add(button2);

Controls.Add(button1);

Controls.Add(txt\_hoten);

Controls.Add(label1);

KeyPreview = true;

Name = "Form1";

Text = "Form1";

KeyDown += Form1\_KeyDown;

MouseClick += Form1\_MouseClick;

ResumeLayout(false);

PerformLayout();

}

#endregion

private Label label1;

private TextBox txt\_hoten;

private Button button1;

private Button button2;

}

}

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**Bài 2 - Bài Tập C# - Cách Dùng Label - Button - Textbox Trong C# Winforms**

**Form1.cs**

namespace bai2

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void label1\_Click(object sender, EventArgs e)

{

}

private void textBox1\_TextChanged(object sender, EventArgs e)

{

}

private void txtSoThuNhat\_Click(object sender, EventArgs e)

{

}

private void txtSoThuNhat\_KeyPress(object sender, KeyPressEventArgs e)

{

if (!(e.KeyChar >= '0' && e.KeyChar <= '9' || e.KeyChar == (char)8))

{

e.Handled = true;

}

}

private void txtSoThuHai\_KeyPress(object sender, KeyPressEventArgs e)

{

if (!(e.KeyChar >= '0' && e.KeyChar <= '9' || e.KeyChar == (char)8))

{

e.Handled = true;

}

}

private void btnCong\_Click(object sender, EventArgs e)

{

int result = Convert.ToInt32(txtSoThuNhat.Text) + Convert.ToInt32(txtSoThuHai.Text);

txtKetQua.Text = result.ToString();

}

private void btnTru\_Click(object sender, EventArgs e)

{

int result = Convert.ToInt32(txtSoThuNhat.Text) - Convert.ToInt32(txtSoThuHai.Text);

txtKetQua.Text = result.ToString();

}

private void btnNhan\_Click(object sender, EventArgs e)

{

int result = Convert.ToInt32(txtSoThuNhat.Text) \* Convert.ToInt32(txtSoThuHai.Text);

txtKetQua.Text = result.ToString();

}

private void btnChia\_Click(object sender, EventArgs e)

{

Double result = Convert.ToDouble(txtSoThuNhat.Text) / Convert.ToDouble(txtSoThuHai.Text);

txtKetQua.Text = result.ToString();

}

private void btnDelete\_Click(object sender, EventArgs e)

{

txtSoThuNhat.Clear();

txtSoThuHai.Clear();

txtKetQua.Clear();

}

}

}

**Form1.Designer.cs**

namespace bai2

{

partial class Form1

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <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);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

label1 = new Label();

txtSoThuNhat = new TextBox();

label2 = new Label();

txtSoThuHai = new TextBox();

btnCong = new Button();

btnTru = new Button();

btnNhan = new Button();

btnChia = new Button();

btnDelete = new Button();

label3 = new Label();

txtKetQua = new TextBox();

SuspendLayout();

//

// label1

//

label1.AutoSize = true;

label1.Location = new Point(221, 121);

label1.Name = "label1";

label1.Size = new Size(68, 15);

label1.TabIndex = 0;

label1.Text = "Số thứ nhất";

label1.Click += label1\_Click;

//

// txtSoThuNhat

//

txtSoThuNhat.Location = new Point(348, 115);

txtSoThuNhat.Name = "txtSoThuNhat";

txtSoThuNhat.Size = new Size(192, 23);

txtSoThuNhat.TabIndex = 1;

txtSoThuNhat.Click += txtSoThuNhat\_Click;

txtSoThuNhat.KeyPress += txtSoThuNhat\_KeyPress;

//

// label2

//

label2.AutoSize = true;

label2.Location = new Point(221, 192);

label2.Name = "label2";

label2.Size = new Size(60, 15);

label2.TabIndex = 0;

label2.Text = "Số thứ hai";

label2.Click += label1\_Click;

//

// txtSoThuHai

//

txtSoThuHai.Location = new Point(348, 186);

txtSoThuHai.Name = "txtSoThuHai";

txtSoThuHai.Size = new Size(192, 23);

txtSoThuHai.TabIndex = 1;

txtSoThuHai.KeyPress += txtSoThuHai\_KeyPress;

//

// btnCong

//

btnCong.Location = new Point(144, 274);

btnCong.Name = "btnCong";

btnCong.Size = new Size(75, 23);

btnCong.TabIndex = 2;

btnCong.Text = "+";

btnCong.UseVisualStyleBackColor = true;

btnCong.Click += btnCong\_Click;

//

// btnTru

//

btnTru.Location = new Point(252, 274);

btnTru.Name = "btnTru";

btnTru.Size = new Size(75, 23);

btnTru.TabIndex = 2;

btnTru.Text = "-";

btnTru.UseVisualStyleBackColor = true;

btnTru.Click += btnTru\_Click;

//

// btnNhan

//

btnNhan.Location = new Point(361, 274);

btnNhan.Name = "btnNhan";

btnNhan.Size = new Size(75, 23);

btnNhan.TabIndex = 2;

btnNhan.Text = "\*";

btnNhan.UseVisualStyleBackColor = true;

btnNhan.Click += btnNhan\_Click;

//

// btnChia

//

btnChia.Location = new Point(474, 274);

btnChia.Name = "btnChia";

btnChia.Size = new Size(75, 23);

btnChia.TabIndex = 2;

btnChia.Text = "/";

btnChia.UseVisualStyleBackColor = true;

btnChia.Click += btnChia\_Click;

//

// btnDelete

//

btnDelete.Location = new Point(590, 274);

btnDelete.Name = "btnDelete";

btnDelete.Size = new Size(75, 23);

btnDelete.TabIndex = 2;

btnDelete.Text = "Delete";

btnDelete.UseVisualStyleBackColor = true;

btnDelete.Click += btnDelete\_Click;

//

// label3

//

label3.AutoSize = true;

label3.Location = new Point(221, 349);

label3.Name = "label3";

label3.Size = new Size(47, 15);

label3.TabIndex = 0;

label3.Text = "Kết quả";

label3.Click += label1\_Click;

//

// txtKetQua

//

txtKetQua.Location = new Point(348, 343);

txtKetQua.Name = "txtKetQua";

txtKetQua.Size = new Size(192, 23);

txtKetQua.TabIndex = 1;

txtKetQua.TextChanged += textBox1\_TextChanged;

//

// Form1

//

AutoScaleDimensions = new SizeF(7F, 15F);

AutoScaleMode = AutoScaleMode.Font;

ClientSize = new Size(800, 450);

Controls.Add(btnDelete);

Controls.Add(btnChia);

Controls.Add(btnNhan);

Controls.Add(btnTru);

Controls.Add(btnCong);

Controls.Add(txtSoThuHai);

Controls.Add(label2);

Controls.Add(txtKetQua);

Controls.Add(label3);

Controls.Add(txtSoThuNhat);

Controls.Add(label1);

Name = "Form1";

Text = "Form1";

ResumeLayout(false);

PerformLayout();

}

#endregion

private Label label1;

private TextBox txtSoThuNhat;

private Label label2;

private TextBox txtSoThuHai;

private Button btnCong;

private Button btnTru;

private Button btnNhan;

private Button btnChia;

private Button btnDelete;

private Label label3;

private TextBox txtKetQua;

}

}

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**Bài 3 - Bài Tập C# - Sử Dụng Checkbox - RadioButton Trong Lập Trình**

**C# Winforms**

**Form1.cs**

namespace bai3

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void checkBox1\_CheckedChanged(object sender, EventArgs e)

{

}

private void btnSoThich\_Click(object sender, EventArgs e)

{

string str = "";

if (chkboxMuaSam.Checked == true)

{

str = chkboxMuaSam.Text + "\n";

}

if (chkboxNgheNhac.Checked == true)

{

str = str + chkboxNgheNhac.Text + "\n";

}

if (chkboxChoiTheThao.Checked == true)

{

str = str + chkboxChoiTheThao.Text + "\n";

}

if (chkboxDiDuLich.Checked == true)

{

str = str + chkboxDiDuLich.Text + "\n";

}

if (chkboxXemPhim.Checked == true)

{

str = str + chkboxXemPhim.Text + "\n";

}

if (str.Length > 0)

{

MessageBox.Show("Sở thích của bạn là: \n" + str);

}

else

{

MessageBox.Show("Không có sở thích nào bạn chọn!!");

}

}

private void btnMau\_Click(object sender, EventArgs e)

{

string str = "";

if (rdbtnDen.Checked == true)

{

str = rdbtnDen.Text + "\n";

}

if (rdbtnCam.Checked == true)

{

str = rdbtnCam.Text + "\n";

}

if (rdbtnDo.Checked == true)

{

str = rdbtnDo.Text + "\n";

}

if (rdbtnVang.Checked == true)

{

str = rdbtnVang.Text + "\n";

}

if (rdbtnXanh.Checked == true)

{

str = rdbtnXanh.Text + "\n";

}

if (str.Length > 0)

{

MessageBox.Show("Màu bạn thích là: \n" + str);

}

else

{

MessageBox.Show("Không có màu nào bạn chọn!!");

}

}

}

}

**Form1.Designer.cs**

namespace bai3

{

partial class Form1

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <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);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

groupBox1 = new GroupBox();

chkboxDiDuLich = new CheckBox();

chkboxChoiTheThao = new CheckBox();

chkboxXemPhim = new CheckBox();

chkboxNgheNhac = new CheckBox();

chkboxMuaSam = new CheckBox();

groupBox2 = new GroupBox();

rdbtnXanh = new RadioButton();

rdbtnCam = new RadioButton();

rdbtnVang = new RadioButton();

rdbtnDo = new RadioButton();

rdbtnDen = new RadioButton();

btnMau = new Button();

btnSoThich = new Button();

groupBox1.SuspendLayout();

groupBox2.SuspendLayout();

SuspendLayout();

//

// groupBox1

//

groupBox1.Controls.Add(chkboxDiDuLich);

groupBox1.Controls.Add(chkboxChoiTheThao);

groupBox1.Controls.Add(chkboxXemPhim);

groupBox1.Controls.Add(chkboxNgheNhac);

groupBox1.Controls.Add(chkboxMuaSam);

groupBox1.Location = new Point(102, 89);

groupBox1.Name = "groupBox1";

groupBox1.Size = new Size(239, 239);

groupBox1.TabIndex = 0;

groupBox1.TabStop = false;

groupBox1.Text = "Sở thích của bạn";

//

// chkboxDiDuLich

//

chkboxDiDuLich.AutoSize = true;

chkboxDiDuLich.Location = new Point(18, 181);

chkboxDiDuLich.Name = "chkboxDiDuLich";

chkboxDiDuLich.Size = new Size(76, 19);

chkboxDiDuLich.TabIndex = 0;

chkboxDiDuLich.Text = "Đi du lịch";

chkboxDiDuLich.UseVisualStyleBackColor = true;

//

// chkboxChoiTheThao

//

chkboxChoiTheThao.AutoSize = true;

chkboxChoiTheThao.Location = new Point(18, 146);

chkboxChoiTheThao.Name = "chkboxChoiTheThao";

chkboxChoiTheThao.Size = new Size(98, 19);

chkboxChoiTheThao.TabIndex = 0;

chkboxChoiTheThao.Text = "Chơi thể thao";

chkboxChoiTheThao.UseVisualStyleBackColor = true;

//

// chkboxXemPhim

//

chkboxXemPhim.AutoSize = true;

chkboxXemPhim.Location = new Point(18, 112);

chkboxXemPhim.Name = "chkboxXemPhim";

chkboxXemPhim.Size = new Size(80, 19);

chkboxXemPhim.TabIndex = 0;

chkboxXemPhim.Text = "xem phim";

chkboxXemPhim.UseVisualStyleBackColor = true;

//

// chkboxNgheNhac

//

chkboxNgheNhac.AutoSize = true;

chkboxNgheNhac.Location = new Point(18, 77);

chkboxNgheNhac.Name = "chkboxNgheNhac";

chkboxNgheNhac.Size = new Size(84, 19);

chkboxNgheNhac.TabIndex = 0;

chkboxNgheNhac.Text = "Nghe nhạc";

chkboxNgheNhac.UseVisualStyleBackColor = true;

//

// chkboxMuaSam

//

chkboxMuaSam.AutoSize = true;

chkboxMuaSam.Location = new Point(18, 42);

chkboxMuaSam.Name = "chkboxMuaSam";

chkboxMuaSam.Size = new Size(75, 19);

chkboxMuaSam.TabIndex = 0;

chkboxMuaSam.Text = "Mua sắm";

chkboxMuaSam.UseVisualStyleBackColor = true;

//

// groupBox2

//

groupBox2.Controls.Add(rdbtnXanh);

groupBox2.Controls.Add(rdbtnCam);

groupBox2.Controls.Add(rdbtnVang);

groupBox2.Controls.Add(rdbtnDo);

groupBox2.Controls.Add(rdbtnDen);

groupBox2.Location = new Point(402, 93);

groupBox2.Name = "groupBox2";

groupBox2.Size = new Size(264, 235);

groupBox2.TabIndex = 1;

groupBox2.TabStop = false;

groupBox2.Text = "Màu bạn thích";

//

// rdbtnXanh

//

rdbtnXanh.AutoSize = true;

rdbtnXanh.Location = new Point(21, 176);

rdbtnXanh.Name = "rdbtnXanh";

rdbtnXanh.Size = new Size(52, 19);

rdbtnXanh.TabIndex = 0;

rdbtnXanh.TabStop = true;

rdbtnXanh.Text = "Xanh";

rdbtnXanh.UseVisualStyleBackColor = true;

//

// rdbtnCam

//

rdbtnCam.AutoSize = true;

rdbtnCam.Location = new Point(21, 141);

rdbtnCam.Name = "rdbtnCam";

rdbtnCam.Size = new Size(50, 19);

rdbtnCam.TabIndex = 0;

rdbtnCam.TabStop = true;

rdbtnCam.Text = "Cam";

rdbtnCam.UseVisualStyleBackColor = true;

//

// rdbtnVang

//

rdbtnVang.AutoSize = true;

rdbtnVang.Location = new Point(21, 107);

rdbtnVang.Name = "rdbtnVang";

rdbtnVang.Size = new Size(51, 19);

rdbtnVang.TabIndex = 0;

rdbtnVang.TabStop = true;

rdbtnVang.Text = "Vàng";

rdbtnVang.UseVisualStyleBackColor = true;

//

// rdbtnDo

//

rdbtnDo.AutoSize = true;

rdbtnDo.Location = new Point(21, 73);

rdbtnDo.Name = "rdbtnDo";

rdbtnDo.Size = new Size(40, 19);

rdbtnDo.TabIndex = 0;

rdbtnDo.TabStop = true;

rdbtnDo.Text = "Đỏ";

rdbtnDo.UseVisualStyleBackColor = true;

//

// rdbtnDen

//

rdbtnDen.AutoSize = true;

rdbtnDen.Location = new Point(21, 38);

rdbtnDen.Name = "rdbtnDen";

rdbtnDen.Size = new Size(46, 19);

rdbtnDen.TabIndex = 0;

rdbtnDen.TabStop = true;

rdbtnDen.Text = "Đen";

rdbtnDen.UseVisualStyleBackColor = true;

//

// btnMau

//

btnMau.BackColor = Color.FromArgb(192, 255, 192);

btnMau.Location = new Point(457, 361);

btnMau.Name = "btnMau";

btnMau.Size = new Size(136, 35);

btnMau.TabIndex = 2;

btnMau.Text = "Màu bạn thích";

btnMau.UseVisualStyleBackColor = false;

btnMau.Click += btnMau\_Click;

//

// btnSoThich

//

btnSoThich.BackColor = Color.FromArgb(255, 192, 192);

btnSoThich.Location = new Point(152, 361);

btnSoThich.Name = "btnSoThich";

btnSoThich.Size = new Size(136, 35);

btnSoThich.TabIndex = 2;

btnSoThich.Text = "Sở thích của bạn";

btnSoThich.UseVisualStyleBackColor = false;

btnSoThich.Click += btnSoThich\_Click;

//

// Form1

//

AutoScaleDimensions = new SizeF(7F, 15F);

AutoScaleMode = AutoScaleMode.Font;

BackColor = Color.FromArgb(255, 255, 192);

ClientSize = new Size(800, 450);

Controls.Add(btnSoThich);

Controls.Add(btnMau);

Controls.Add(groupBox2);

Controls.Add(groupBox1);

Name = "Form1";

Text = "Form1";

groupBox1.ResumeLayout(false);

groupBox1.PerformLayout();

groupBox2.ResumeLayout(false);

groupBox2.PerformLayout();

ResumeLayout(false);

}

#endregion

private GroupBox groupBox1;

private CheckBox chkboxMuaSam;

private GroupBox groupBox2;

private CheckBox chkboxDiDuLich;

private CheckBox chkboxChoiTheThao;

private CheckBox chkboxXemPhim;

private CheckBox chkboxNgheNhac;

private CheckBox checkBox10;

private CheckBox checkBox9;

private CheckBox checkBox6;

private CheckBox checkBox8;

private CheckBox checkBox7;

private Button button1;

private Button btnMau;

private RadioButton rdbtnXanh;

private RadioButton rdbtnCam;

private RadioButton rdbtnVang;

private RadioButton rdbtnDo;

private RadioButton rdbtnDen;

private Button btnSoThich;

}

}

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**Bài 4 - Bài Tập C# - Sử Dụng ComboBox - ListBox Trong Lập Trình C#**

**Winforms**

**Form1.cs**

namespace bai4

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void button3\_Click(object sender, EventArgs e)

{

}

private void label3\_Click(object sender, EventArgs e)

{

}

private void btnNhapThongTin\_Click(object sender, EventArgs e)

{

if (!String.IsNullOrEmpty(txtHoVaTen.Text))

{

lstboxHienThi.Items.Add(txtHoVaTen.Text);

txtHienThi.Text = lstboxHienThi.Items.Count.ToString();

txtHoVaTen.Clear();

txtHoVaTen.Focus();

}

else

MessageBox.Show("Vui lòng điền đầy đủ thông tin !!!");

}

private void btnXoadangchon\_Click(object sender, EventArgs e)

{

int a = Convert.ToInt32(txtHienThi.Text);

if (lstboxHienThi.SelectedItems.Count != 0)

{

lstboxHienThi.Items.Remove(lstboxHienThi.SelectedItems[0]);

}

txtHienThi.Text = (a - 1).ToString();

}

private void btnXoadau\_Click(object sender, EventArgs e)

{

int a = Convert.ToInt32(txtHienThi.Text);

lstboxHienThi.Items.RemoveAt(0);

txtHienThi.Text = (a - 1).ToString();

}

private void btnXoaCuoi\_Click(object sender, EventArgs e)

{

int a = Convert.ToInt32(txtHienThi.Text);

lstboxHienThi.Items.RemoveAt(lstboxHienThi.Items.Count - 1);

txtHienThi.Text = (a - 1).ToString();

}

private void btnXoaTatCa\_Click(object sender, EventArgs e)

{

lstboxHienThi.Items.Clear();

txtHienThi.Text = "0";

}

}

}

**Form1.Designer.cs**

namespace bai4

{

partial class Form1

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <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);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

label1 = new Label();

txtHoVaTen = new TextBox();

btnNhapThongTin = new Button();

lstboxHienThi = new ListBox();

label2 = new Label();

txtHienThi = new TextBox();

btnXoadangchon = new Button();

btnXoaTatCa = new Button();

btnXoadau = new Button();

btnXoaCuoi = new Button();

groupBox1 = new GroupBox();

label3 = new Label();

groupBox1.SuspendLayout();

SuspendLayout();

//

// label1

//

label1.AutoSize = true;

label1.Location = new Point(53, 142);

label1.Name = "label1";

label1.Size = new Size(58, 15);

label1.TabIndex = 0;

label1.Text = "Họ và tên";

//

// txtHoVaTen

//

txtHoVaTen.Location = new Point(117, 139);

txtHoVaTen.Name = "txtHoVaTen";

txtHoVaTen.Size = new Size(185, 23);

txtHoVaTen.TabIndex = 1;

//

// btnNhapThongTin

//

btnNhapThongTin.FlatStyle = FlatStyle.System;

btnNhapThongTin.Location = new Point(96, 219);

btnNhapThongTin.Name = "btnNhapThongTin";

btnNhapThongTin.Size = new Size(140, 23);

btnNhapThongTin.TabIndex = 2;

btnNhapThongTin.Text = "Nhập thông tin";

btnNhapThongTin.UseVisualStyleBackColor = true;

btnNhapThongTin.Click += btnNhapThongTin\_Click;

//

// lstboxHienThi

//

lstboxHienThi.FormattingEnabled = true;

lstboxHienThi.ItemHeight = 15;

lstboxHienThi.Location = new Point(11, 22);

lstboxHienThi.Name = "lstboxHienThi";

lstboxHienThi.Size = new Size(427, 169);

lstboxHienThi.TabIndex = 3;

//

// label2

//

label2.AutoSize = true;

label2.Location = new Point(348, 301);

label2.Name = "label2";

label2.Size = new Size(147, 15);

label2.TabIndex = 4;

label2.Text = "Tổng số người đã khai báo";

//

// txtHienThi

//

txtHienThi.Location = new Point(526, 298);

txtHienThi.Name = "txtHienThi";

txtHienThi.Size = new Size(204, 23);

txtHienThi.TabIndex = 5;

//

// btnXoadangchon

//

btnXoadangchon.Location = new Point(355, 365);

btnXoadangchon.Name = "btnXoadangchon";

btnXoadangchon.Size = new Size(156, 23);

btnXoadangchon.TabIndex = 2;

btnXoadangchon.Text = "Xóa thông tin đang chọn";

btnXoadangchon.UseVisualStyleBackColor = true;

btnXoadangchon.Click += btnXoadangchon\_Click;

//

// btnXoaTatCa

//

btnXoaTatCa.Location = new Point(355, 404);

btnXoaTatCa.Name = "btnXoaTatCa";

btnXoaTatCa.Size = new Size(156, 23);

btnXoaTatCa.TabIndex = 2;

btnXoaTatCa.Text = "Xóa tất cả thông tin";

btnXoaTatCa.UseVisualStyleBackColor = true;

btnXoaTatCa.Click += btnXoaTatCa\_Click;

//

// btnXoadau

//

btnXoadau.Location = new Point(558, 365);

btnXoadau.Name = "btnXoadau";

btnXoadau.Size = new Size(156, 23);

btnXoadau.TabIndex = 2;

btnXoadau.Text = "Xóa thông tin đầu";

btnXoadau.UseVisualStyleBackColor = true;

btnXoadau.Click += btnXoadau\_Click;

//

// btnXoaCuoi

//

btnXoaCuoi.Location = new Point(558, 404);

btnXoaCuoi.Name = "btnXoaCuoi";

btnXoaCuoi.Size = new Size(156, 23);

btnXoaCuoi.TabIndex = 2;

btnXoaCuoi.Text = "Xóa thông tin cuối";

btnXoaCuoi.UseVisualStyleBackColor = true;

btnXoaCuoi.Click += btnXoaCuoi\_Click;

//

// groupBox1

//

groupBox1.BackColor = Color.FromArgb(224, 224, 224);

groupBox1.Controls.Add(lstboxHienThi);

groupBox1.Location = new Point(337, 93);

groupBox1.Name = "groupBox1";

groupBox1.Size = new Size(451, 345);

groupBox1.TabIndex = 6;

groupBox1.TabStop = false;

//

// label3

//

label3.AutoSize = true;

label3.Font = new Font("Segoe UI", 12F, FontStyle.Bold, GraphicsUnit.Point, 0);

label3.Location = new Point(305, 29);

label3.Name = "label3";

label3.Size = new Size(190, 21);

label3.TabIndex = 7;

label3.Text = "KHAI BÁO Y TẾ ĐIỆN TỬ";

label3.Click += label3\_Click;

//

// Form1

//

AutoScaleDimensions = new SizeF(7F, 15F);

AutoScaleMode = AutoScaleMode.Font;

BackColor = Color.FromArgb(224, 224, 224);

ClientSize = new Size(800, 450);

Controls.Add(label3);

Controls.Add(txtHienThi);

Controls.Add(label2);

Controls.Add(btnXoaTatCa);

Controls.Add(btnXoaCuoi);

Controls.Add(btnXoadau);

Controls.Add(btnXoadangchon);

Controls.Add(btnNhapThongTin);

Controls.Add(txtHoVaTen);

Controls.Add(label1);

Controls.Add(groupBox1);

Name = "Form1";

Text = "Form1";

groupBox1.ResumeLayout(false);

ResumeLayout(false);

PerformLayout();

}

#endregion

private Label label1;

private TextBox txtHoVaTen;

private Button btnNhapThongTin;

private ListBox lstboxHienThi;

private Label label2;

private TextBox txtHienThi;

private Button btnXoadangchon;

private Button btnXoaTatCa;

private Button btnXoadau;

private Button btnXoaCuoi;

private GroupBox groupBox1;

private Label label3;

}

}

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**Bài 5 - Bài Tập C# - Sử Dụng ToolTip - HelpProvider - ErrorProvider**

**Trong C# Windows Form**

**Form1.cs**

namespace bai5

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

private void btnDangNhap\_Click(object sender, EventArgs e)

{

if (!string.IsNullOrWhiteSpace(txtTenDangNhap.Text) || !string.IsNullOrWhiteSpace(txtMatKhau.Text))

{

MessageBox.Show("Đăng nhập thành công !!!");

}

else

{

MessageBox.Show("Vui lòng điền đầy đủ thông tin !!!");

}

}

private void txtMatKhau\_KeyPress(object sender, KeyPressEventArgs e)

{

if (!(e.KeyChar >= '0' && e.KeyChar <= '9' || e.KeyChar == (char)8))

e.Handled = true;

}

private void chkboxHienThiMatKhau\_CheckedChanged(object sender, EventArgs e)

{

txtMatKhau.UseSystemPasswordChar = !chkboxHienThiMatKhau.Checked;

}

private void btnThoat\_Click(object sender, EventArgs e)

{

DialogResult dg = MessageBox.Show("Bạn có muốn đóng chương trình", "Thông báo", MessageBoxButtons.YesNo, MessageBoxIcon.Question);

if (dg == DialogResult.Yes)

{

Application.Exit();

}

}

}

}

**Form1.Designer.cs**

namespace bai5

{

partial class Form1

{

/// <summary>

/// Required designer variable.

/// </summary>

private System.ComponentModel.IContainer components = null;

/// <summary>

/// Clean up any resources being used.

/// </summary>

/// <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);

}

#region Windows Form Designer generated code

/// <summary>

/// Required method for Designer support - do not modify

/// the contents of this method with the code editor.

/// </summary>

private void InitializeComponent()

{

System.ComponentModel.ComponentResourceManager resources = new System.ComponentModel.ComponentResourceManager(typeof(Form1));

panel1 = new Panel();

pictureBox1 = new PictureBox();

panel2 = new Panel();

btnThoat = new Button();

btnDangNhap = new Button();

chkboxHienThiMatKhau = new CheckBox();

txtMatKhau = new TextBox();

label3 = new Label();

txtTenDangNhap = new TextBox();

label2 = new Label();

label1 = new Label();

panel1.SuspendLayout();

((System.ComponentModel.ISupportInitialize)pictureBox1).BeginInit();

panel2.SuspendLayout();

SuspendLayout();

//

// panel1

//

panel1.BackColor = SystemColors.ActiveCaption;

panel1.Controls.Add(pictureBox1);

panel1.Location = new Point(1, -4);

panel1.Name = "panel1";

panel1.Size = new Size(340, 457);

panel1.TabIndex = 0;

//

// pictureBox1

//

pictureBox1.Image = (Image)resources.GetObject("pictureBox1.Image");

pictureBox1.Location = new Point(0, 56);

pictureBox1.Name = "pictureBox1";

pictureBox1.Size = new Size(328, 331);

pictureBox1.TabIndex = 0;

pictureBox1.TabStop = false;

//

// panel2

//

panel2.BackColor = Color.White;

panel2.Controls.Add(btnThoat);

panel2.Controls.Add(btnDangNhap);

panel2.Controls.Add(chkboxHienThiMatKhau);

panel2.Controls.Add(txtMatKhau);

panel2.Controls.Add(label3);

panel2.Controls.Add(txtTenDangNhap);

panel2.Controls.Add(label2);

panel2.Controls.Add(label1);

panel2.Location = new Point(340, -4);

panel2.Name = "panel2";

panel2.Size = new Size(461, 457);

panel2.TabIndex = 0;

//

// btnThoat

//

btnThoat.Location = new Point(281, 343);

btnThoat.Name = "btnThoat";

btnThoat.Size = new Size(75, 23);

btnThoat.TabIndex = 4;

btnThoat.Text = "Thoát";

btnThoat.UseVisualStyleBackColor = true;

btnThoat.Click += btnThoat\_Click;

//

// btnDangNhap

//

btnDangNhap.Location = new Point(119, 343);

btnDangNhap.Name = "btnDangNhap";

btnDangNhap.Size = new Size(88, 23);

btnDangNhap.TabIndex = 4;

btnDangNhap.Text = "Đăng nhập";

btnDangNhap.UseVisualStyleBackColor = true;

btnDangNhap.Click += btnDangNhap\_Click;

//

// chkboxHienThiMatKhau

//

chkboxHienThiMatKhau.AutoSize = true;

chkboxHienThiMatKhau.Location = new Point(207, 266);

chkboxHienThiMatKhau.Name = "chkboxHienThiMatKhau";

chkboxHienThiMatKhau.Size = new Size(121, 19);

chkboxHienThiMatKhau.TabIndex = 3;

chkboxHienThiMatKhau.Text = "Hiển thị mật khẩu";

chkboxHienThiMatKhau.UseVisualStyleBackColor = true;

chkboxHienThiMatKhau.CheckedChanged += chkboxHienThiMatKhau\_CheckedChanged;

//

// txtMatKhau

//

txtMatKhau.Location = new Point(210, 216);

txtMatKhau.Name = "txtMatKhau";

txtMatKhau.Size = new Size(163, 23);

txtMatKhau.TabIndex = 2;

txtMatKhau.UseSystemPasswordChar = true;

txtMatKhau.KeyPress += txtMatKhau\_KeyPress;

//

// label3

//

label3.AutoSize = true;

label3.Location = new Point(72, 219);

label3.Name = "label3";

label3.Size = new Size(57, 15);

label3.TabIndex = 1;

label3.Text = "Mật khẩu";

//

// txtTenDangNhap

//

txtTenDangNhap.Location = new Point(210, 156);

txtTenDangNhap.Name = "txtTenDangNhap";

txtTenDangNhap.Size = new Size(163, 23);

txtTenDangNhap.TabIndex = 2;

//

// label2

//

label2.AutoSize = true;

label2.Location = new Point(72, 159);

label2.Name = "label2";

label2.Size = new Size(85, 15);

label2.TabIndex = 1;

label2.Text = "Tên đăng nhập";

//

// label1

//

label1.AutoSize = true;

label1.Font = new Font("Segoe UI", 15.75F, FontStyle.Bold, GraphicsUnit.Point, 0);

label1.Location = new Point(119, 73);

label1.Name = "label1";

label1.Size = new Size(226, 30);

label1.TabIndex = 0;

label1.Text = "CỬA SỔ ĐĂNG NHẬP";

//

// Form1

//

AutoScaleDimensions = new SizeF(7F, 15F);

AutoScaleMode = AutoScaleMode.Font;

ClientSize = new Size(800, 450);

Controls.Add(panel2);

Controls.Add(panel1);

Name = "Form1";

Text = "Form1";

panel1.ResumeLayout(false);

((System.ComponentModel.ISupportInitialize)pictureBox1).EndInit();

panel2.ResumeLayout(false);

panel2.PerformLayout();

ResumeLayout(false);

}

#endregion

private Panel panel1;

private PictureBox pictureBox1;

private Panel panel2;

private CheckBox chkboxHienThiMatKhau;

private TextBox txtMatKhau;

private Label label3;

private TextBox txtTenDangNhap;

private Label label2;

private Label label1;

private Button btnThoat;

private Button btnDangNhap;

}

}

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