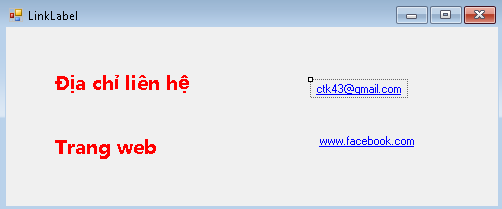
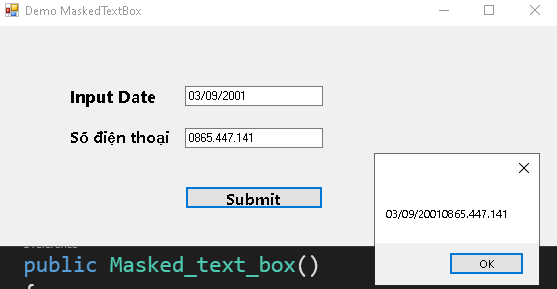
**Bài tập tuần 1**

**Đinh Trọng Đạt - 1914775**

1. **Label và Link Label:**
2. namespace BaiTapBuoi1
3. {
4. public partial class LinkLb : Form
5. {
6. public LinkLb()
7. {
8. InitializeComponent();
9. }
10. private void LinkLb\_Load(object sender, EventArgs e)
11. {
12. string strURL = "mailto:ctk43@gmail.com";
13. this.linkLabel1.Links.Add(0, strURL.Length, strURL);
14. strURL = "https://www.facebook.com";
15. this.linkLabel2.Links.Add(0, strURL.Length, strURL);
16. }
17. private void linkLabel1\_LinkClicked(object sender, LinkLabelLinkClickedEventArgs e)
18. {
19. string strURL = Convert.ToString(e.Link.LinkData);
20. if (strURL.StartsWith("mailto:"))
21. {
22. Process.Start(strURL + "?subject=hello");
23. }
24. }
25. private void linkLabel2\_LinkClicked(object senders, LinkLabelLinkClickedEventArgs e)
26. {
27. string strURL = Convert.ToString(e.Link.LinkData);
28. if (strURL.StartsWith("https://www."))
29. Process.Start(strURL);
30. }
31. }
32. }



**b. MaskedTextbox: slide 37, 38**



namespace MaskedTextBox

{

public partial class Masked\_text\_box : Form

{

public Masked\_text\_box()

{

InitializeComponent();

}

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

{

string date = maskedTextBox1.Text;

string phone = maskedTextBox2.Text;

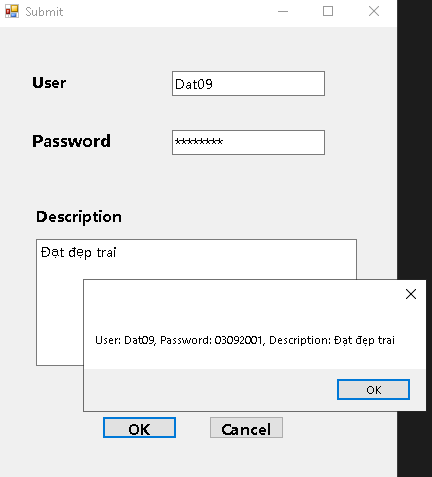
MessageBox.Show(date + phone);

}

}

}

**c.Label, Button, textbox:**



namespace Ex42

{

public partial class Submit\_ex : Form

{

public Submit\_ex()

{

InitializeComponent();

}

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

{

this.Close();

}

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

{

string user = this.txtUser.Text;

string pass = this.txtPass.Text;

string des = this.txtDescription.Text;

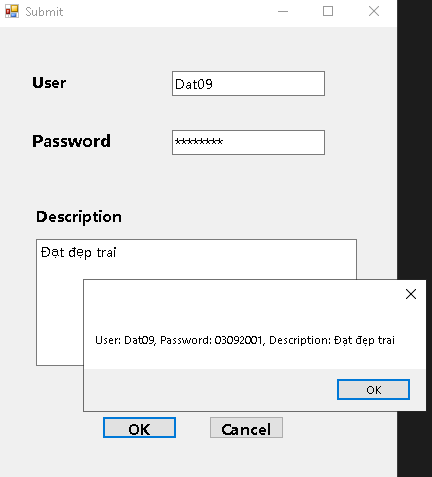
MessageBox.Show(String.Format("User: {0}, Password: {1}, Description: {2}",user,pass,des));

}

}

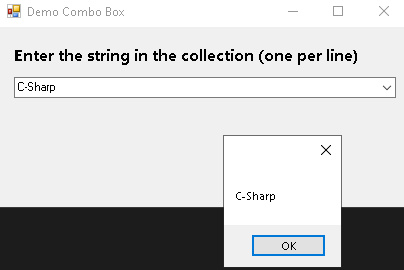
}

**d. MesageBox:**



* Các ví dụ trước em đều sử dụng messageBox khi xử lý sự kiện của một Button bất kì.

**e. ComboBox:**



namespace Ex48

{

public partial class Demo\_CBB : Form

{

public Demo\_CBB()

{

InitializeComponent();

}

private void Demo\_CBB\_Load\_1(object sender, EventArgs e)

{

string[] data = { "Android", "C-Sharp", "Java", "Python" };

this.cbb\_Leaguage.DataSource = data;

}

private void cbb\_Leaguage\_SelectedIndexChanged(object sender, EventArgs e)

{

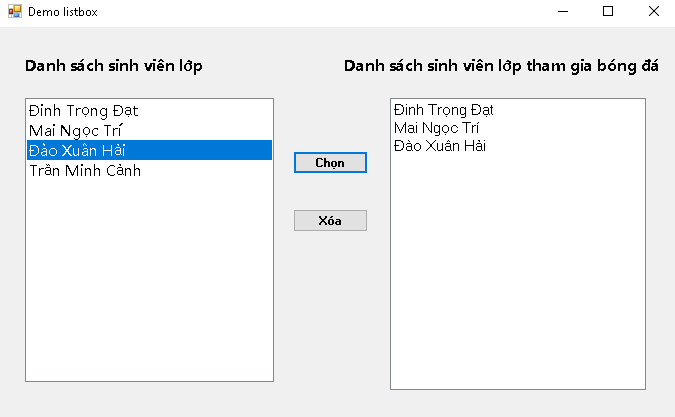
MessageBox.Show(this.cbb\_Leaguage.SelectedItem.ToString());

}

}

}

**f. ListBox:**



namespace Ex52

{

public partial class listBox : Form

{

public listBox()

{

InitializeComponent();

}

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

{

string[] data = { "Đinh Trọng Đạt", "Mai Ngọc Trí", "Đào Xuân Hải", "Trần Minh Cảnh" };

this.listSinhVien.DataSource = data;

}

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

{

int itemSelect = listSinhVien.SelectedItems.Count - 1;

for(int i = itemSelect; i>=0; i--)

{

listDanhSach.Items.Add(listSinhVien.SelectedItems[i]);

listSinhVien.Items.Remove(listSinhVien.SelectedIndices[i]);

}

}

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

{

int i = listDanhSach.SelectedItems.Count - 1;

while (i >= 0)

{

listDanhSach.Items.RemoveAt(listDanhSach.SelectedIndices[i]);

i--;

}

}

private void listSinhVien\_SelectedIndexChanged(object sender, EventArgs e)

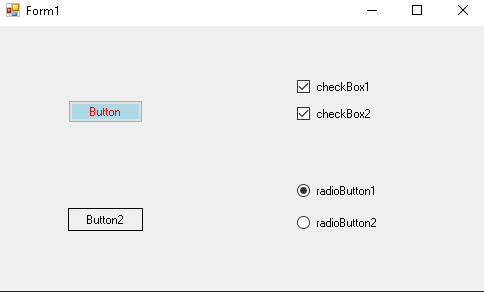
{

}

}

}

**g. Button, checkbox, radio button**



namespace Ex57

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

if (this.cbkMauchu.Checked)

this.btn1.ForeColor = Color.Red;

else

this.btn1.ForeColor = Color.Black;

}

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

{

if (this.cbkMauNen.Checked)

this.btn1.BackColor = Color.LightBlue;

else

this.btn1.BackColor = this.btn2.BackColor;

}

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

{

if (this.rdFlat.Checked)

this.btn2.FlatStyle = FlatStyle.Flat;

else

this.btn2.FlatStyle = FlatStyle.Popup;

}

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

{

if (this.rdPopup.Checked)

this.btn2.FlatStyle = FlatStyle.Popup;

else

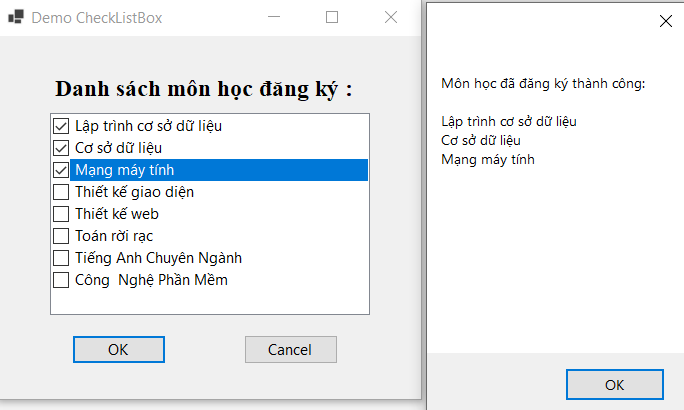
this.btn2.FlatStyle = FlatStyle.Flat;

}

}

}

**h. ChecklistBox**



private void checkedListBox1\_SelectedIndexChanged(object sender, EventArgs e) {

CheckedListBox.CheckedItemCollection items;

arr = new string[10] ;

int i = clbMonHoc.SelectedIndex;

items = this.clbMonHoc.CheckedItems;

foreach (object item in items ) {

arr[i] += item.ToString() + "\n";

}   
}

private void btnOK\_Click(object sender, EventArgs e) {

string s = "";

foreach (var item in arr) {

s += item + "\n";   
}

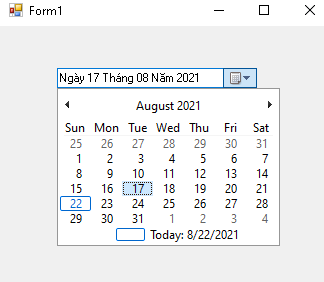
MessageBox.Show("Môn học đã đăng ký thành công:" + s );   
}

private void btnCancel\_Click(object sender, EventArgs e) {

Application.Exit();

}

1. **DateTimePicker**



namespace Ex64

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

}

private void dateTimePicker1\_ValueChanged(object sender, EventArgs e)

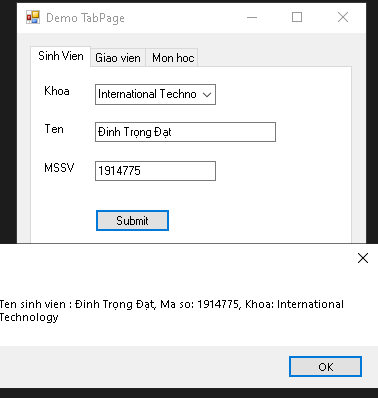
{

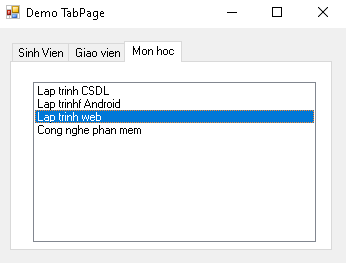
}

}

}

**j.TabControl**





namespace Ex72

{

public partial class DemoTabPage : Form

{

public DemoTabPage()

{

InitializeComponent();

}

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

{

string[] monHoc = {"Lap trinh CSDL", "Lap trinhf Android","Lap trinh web", "Cong nghe phan mem"};

this.listBox1.DataSource = monHoc;

this.cbbGV.DataSource = monHoc;

}

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

{

string tenSV = txtSVName.Text;

string maSV = txtSVID.Text;

string khoa = cbbSV.SelectedItem.ToString();

MessageBox.Show(String.Format("Ten sinh vien : {0}, Ma so: {1}, Khoa: {2}", tenSV, maSV, khoa));

}

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

{

string tenSV = txtGVName.Text;

string maSV = txtGVID.Text;

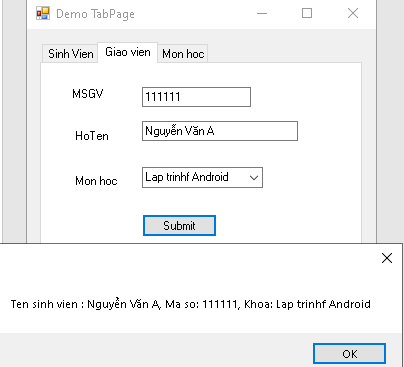
string khoa = cbbGV.SelectedItem.ToString();

MessageBox.Show(String.Format("Ten sinh vien : {0}, Ma so: {1}, Khoa: {2}", tenSV, maSV, khoa));

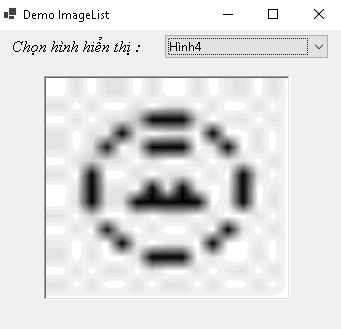
}

}

}



**k.PictureBox**



namespace Bai9

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

for (int i=1; i <= imlDemo.Images.Count; i++)

{

cbbChonHinh.Items.Add("Hình" + i);

}

}

private void cbbChonHinh\_SelectedIndexChanged(object sender, EventArgs e)

{

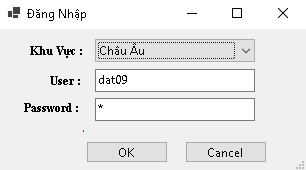
pbHinhAnh.Image = imlDemo.Images[cbbChonHinh.SelectedIndex];

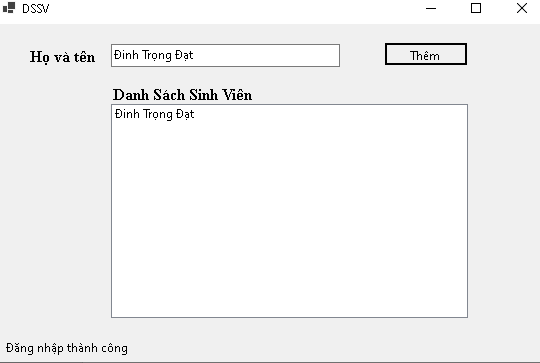
}

}

}

**l.Ví dụ demo trong buổi học**





namespace Bt4

{

public partial class frmLogin : Form

{

public frmLogin()

{

InitializeComponent();

}

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

{

}

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

{

var userlogin = txtUser.Text;

var pass = txtPass.Text;

if (userlogin.CompareTo ( "dat09") == 0 && pass.CompareTo ("0") == 0)

{

this.DialogResult = DialogResult.OK;

}

else

{

lbMess.Text = "Sai tên đăng nhập hoặc mật khẩu";

}

}

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

{

Application.Exit();

}

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

{

}

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

{

}

}

}

namespace Bt4

{

public partial class frm : Form

{

public frm()

{

InitializeComponent();

}

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

{

frmLogin login = new frmLogin();

if (login.ShowDialog() != DialogResult.OK)

{

Application.Exit();

}

else

{

label1.Text = "Đăng nhập thành công";

}

}

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

{

}

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

{

if( MessageBox.Show("Bạn có thật sự muốn thêm vào danh sách hay không ?",

"Thông Báo", MessageBoxButtons.YesNo, MessageBoxIcon.Question) == DialogResult.Yes)

{

lbDSSV.Items.Add(txtFullname.Text);

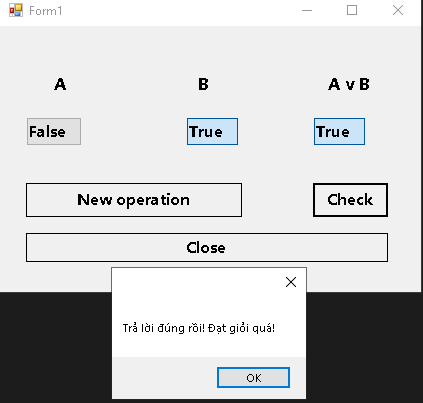
}

}

}

}

**m.BooleanAlgebra**



namespace BooleanAlgebral

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

if (cbA.Checked == true)

cbA.Text = "True";

else

cbA.Text = "False";

}

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

{

if (cbResult.Checked == true)

cbResult.Text = "True";

else

cbResult.Text = "False";

}

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

{

if (cbB.Checked == true)

cbB.Text = "True";

else

cbB.Text = "False";

}

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

{

string[] strBooleanVales = { "True", "False" };

string[] strOperation = { "A ^ B", "A v B" };

Random rand = new Random();

cbA.Text = strBooleanVales[rand.Next(2)];

cbB.Text = strBooleanVales[rand.Next(2)];

if (cbA.Text == "True")

cbA.Checked = true;

else

cbA.Checked = false;

if (cbB.Text == "True")

cbB.Checked = true;

else

cbB.Checked = false;

lbResult.Text = strOperation[rand.Next(2)];

}

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

{

if (lbResult.Text == "A ^ B")

{

if (cbA.Checked == true)

{

if (cbB.Checked == true)

{

if (cbResult.Checked == true)

MessageBox.Show("Trả lời đúng rồi! Đạt giỏi quá!");

else if (cbResult.Checked == false)

MessageBox.Show("Trả lời sai");

}

else if (cbB.Checked == false)

{

if (cbResult.Checked == false)

MessageBox.Show("Trả lời đúng rồi! Đạt giỏi quá!");

else if (cbResult.Checked == true)

MessageBox.Show("Trả lời sai");

}

}

else if (cbA.Checked == false)

{

if (cbB.Checked == true)

{

if (cbResult.Checked == false)

MessageBox.Show("Trả lời đúng rồi! Đạt giỏi quá!");

else if (cbResult.Checked == true)

MessageBox.Show("Trả lời sai");

}

else if (cbB.Checked == false)

{

if (cbResult.Checked == false)

MessageBox.Show("Trả lời đúng rồi! Đạt giỏi quá!");

else if (cbResult.Checked == true)

MessageBox.Show("Trả lời sai");

}

}

}

else if(lbResult.Text == "A v B")

{

if (cbA.Checked == true)

{

if (cbB.Checked == true)

{

if (cbResult.Checked == true)

MessageBox.Show("Trả lời đúng rồi! Đạt giỏi quá!");

else if (cbResult.Checked == false)

MessageBox.Show("Trả lời sai");

}

else if (cbB.Checked == false)

{

if (cbResult.Checked == true)

MessageBox.Show("Trả lời đúng rồi! Đạt giỏi quá!");

else if (cbResult.Checked == false)

MessageBox.Show("Trả lời sai");

}

}

else if (cbA.Checked == false)

{

if (cbB.Checked == true)

{

if (cbResult.Checked == true)

MessageBox.Show("Trả lời đúng rồi! Đạt giỏi quá!");

else if (cbResult.Checked == false)

MessageBox.Show("Trả lời sai");

}

else if (cbB.Checked == false)

{

if (cbResult.Checked == false)

MessageBox.Show("Trả lời đúng rồi! Đạt giỏi quá!");

else if (cbResult.Checked == true)

MessageBox.Show("Trả lời sai");

}

}

}

}

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

{

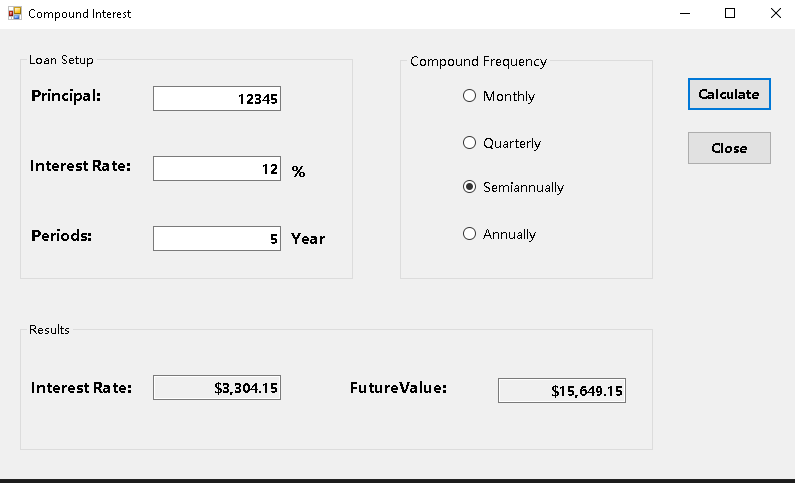
Close();

}

}

}

**n. Compound Interest**



namespace CompoundedInteresr

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

Close();

}

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

{

double principal = 0.00,

interestRate = 0.00,

interestEarned = 0.0;

double futureValue = 0.00,

ratePerPeriod = 0.00,

periods = 0;

int compoundType = 0;

principal = double.Parse(txtPrin.Text);

interestRate = double.Parse(txtRate.Text) / 100;

if (rdMon.Checked)

compoundType = 12;

else if (rdQua.Checked)

compoundType = 4;

else if (rdSen.Checked)

compoundType = 2;

else

compoundType = 1;

periods = double.Parse(txtPer.Text);

double i = interestRate / periods;

double n = compoundType \* periods;

ratePerPeriod = interestRate / periods;

futureValue = principal \* Math.Pow(1 + i, n);

interestEarned = futureValue - principal;

txtInteresResult.Text = interestEarned.ToString("C");

txtAmount.Text = futureValue.ToString("C");

}

}

}