**+,-,x,/**

**Designer**

namespace Lab02

{

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();

textBox1 = new TextBox();

button1 = new Button();

textBox2 = new TextBox();

label2 = new Label();

button2 = new Button();

button3 = new Button();

button4 = new Button();

label3 = new Label();

textBox3 = new TextBox();

SuspendLayout();

//

// label1

//

label1.AutoSize = true;

label1.Location = new Point(136, 127);

label1.Name = "label1";

label1.Size = new Size(92, 25);

label1.TabIndex = 0;

label1.Text = "Number 1";

//

// textBox1

//

textBox1.Location = new Point(251, 115);

textBox1.Multiline = true;

textBox1.Name = "textBox1";

textBox1.Size = new Size(382, 46);

textBox1.TabIndex = 1;

//

// button1

//

button1.BackColor = SystemColors.ActiveCaption;

button1.Location = new Point(136, 232);

button1.Name = "button1";

button1.Size = new Size(110, 63);

button1.TabIndex = 2;

button1.Text = "+";

button1.UseVisualStyleBackColor = false;

button1.Click += button1\_Click;

button1.MouseCaptureChanged += button1\_Click;

//

// textBox2

//

textBox2.Location = new Point(251, 180);

textBox2.Multiline = true;

textBox2.Name = "textBox2";

textBox2.Size = new Size(382, 46);

textBox2.TabIndex = 3;

//

// label2

//

label2.AutoSize = true;

label2.Location = new Point(136, 192);

label2.Name = "label2";

label2.Size = new Size(92, 25);

label2.TabIndex = 4;

label2.Text = "Number 2";

//

// button2

//

button2.BackColor = SystemColors.ActiveCaption;

button2.Location = new Point(269, 232);

button2.Name = "button2";

button2.Size = new Size(107, 63);

button2.TabIndex = 5;

button2.Text = "-";

button2.UseVisualStyleBackColor = false;

button2.Click += button2\_Click;

//

// button3

//

button3.BackColor = SystemColors.ActiveCaption;

button3.Location = new Point(397, 232);

button3.Name = "button3";

button3.Size = new Size(106, 63);

button3.TabIndex = 6;

button3.Text = "x";

button3.UseVisualStyleBackColor = false;

button3.Click += button3\_Click;

//

// button4

//

button4.BackColor = SystemColors.ActiveCaption;

button4.Location = new Point(527, 232);

button4.Name = "button4";

button4.Size = new Size(106, 63);

button4.TabIndex = 7;

button4.Text = "/";

button4.UseVisualStyleBackColor = false;

button4.Click += button4\_Click;

//

// label3

//

label3.AutoSize = true;

label3.BackColor = SystemColors.ActiveCaption;

label3.Location = new Point(158, 330);

label3.Name = "label3";

label3.Size = new Size(70, 25);

label3.TabIndex = 8;

label3.Text = "Answer";

//

// textBox3

//

textBox3.Location = new Point(251, 318);

textBox3.Multiline = true;

textBox3.Name = "textBox3";

textBox3.Size = new Size(382, 46);

textBox3.TabIndex = 9;

//

// Form1

//

AutoScaleDimensions = new SizeF(10F, 25F);

AutoScaleMode = AutoScaleMode.Font;

ClientSize = new Size(800, 450);

Controls.Add(textBox3);

Controls.Add(label3);

Controls.Add(button4);

Controls.Add(button3);

Controls.Add(button2);

Controls.Add(label2);

Controls.Add(textBox2);

Controls.Add(button1);

Controls.Add(textBox1);

Controls.Add(label1);

Name = "Form1";

Text = "Form1";

ResumeLayout(false);

PerformLayout();

}

#endregion

private Label label1;

private TextBox textBox1;

private Button button1;

private TextBox textBox2;

private Label label2;

private Button button2;

private Button button3;

private Button button4;

private Label label3;

private TextBox textBox3;

}

}

**Form1.cs**

namespace Lab02

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

}

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

{

}

private void label2\_Click(object sender, EventArgs e)

{

}

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

{

}

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

{

try

{

float number1 = float.Parse(textBox1.Text);

float number2 = float.Parse(textBox2.Text);

float result = number1 + number2;

textBox3.Text = result.ToString();

}

catch (FormatException)

{

DialogResult dialogResult = MessageBox.Show("Bạn biết nhập số không?", "Lỗi định dạng!", MessageBoxButtons.YesNo, MessageBoxIcon.Warning);

if (dialogResult == DialogResult.Yes)

{

textBox1.Clear();

textBox2.Clear();

textBox3.Clear();

}

else if (dialogResult == DialogResult.No)

{

MessageBox.Show("Vậy hãy học lại lớp 1 :)", "Thông báo", MessageBoxButtons.OK, MessageBoxIcon.Information);

this.Close();

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message, "Lỗi!", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

finally

{

}

}

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

{

try

{

float number1 = float.Parse(textBox1.Text);

float number2 = float.Parse(textBox2.Text);

float result = number1 - number2;

textBox3.Text = result.ToString();

}

catch (FormatException)

{

DialogResult dialogResult = MessageBox.Show("Bạn biết nhập số không?", "Lỗi định dạng!", MessageBoxButtons.YesNo, MessageBoxIcon.Error);

if (dialogResult == DialogResult.Yes)

{

textBox1.Clear();

textBox2.Clear();

textBox3.Clear();

}

else if (dialogResult == DialogResult.No)

{

MessageBox.Show("Vậy hãy học lại lớp 1 :)", "Thông báo", MessageBoxButtons.OK, MessageBoxIcon.Information);

this.Close();

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message, "Lỗi!", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

finally

{

}

}

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

{

try

{

float number1 = float.Parse(textBox1.Text);

float number2 = float.Parse(textBox2.Text);

float result = number1 \* number2;

textBox3.Text = result.ToString();

}

catch (FormatException)

{

DialogResult dialogResult = MessageBox.Show("Bạn biết nhập số không?", "Lỗi định dạng!", MessageBoxButtons.YesNo, MessageBoxIcon.Error);

if (dialogResult == DialogResult.Yes)

{

textBox1.Clear();

textBox2.Clear();

textBox3.Clear();

}

else if (dialogResult == DialogResult.No)

{

MessageBox.Show("Vậy hãy học lại lớp 1 :)", "Thông báo", MessageBoxButtons.OK, MessageBoxIcon.Information);

this.Close();

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message, "Lỗi!", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

finally

{

}

}

private void button4\_Click(object sender, EventArgs e)

{

try

{

float number1 = float.Parse(textBox1.Text);

float number2 = float.Parse(textBox2.Text);

if (number2 == 0)

{

throw new DivideByZeroException();

}

else

{

float result = number1 / number2;

textBox3.Text = result.ToString();

}

}

catch (FormatException)

{

DialogResult dialogResult = MessageBox.Show("Bạn biết nhập số không?", "Lỗi định dạng!", MessageBoxButtons.YesNo, MessageBoxIcon.Error);

if (dialogResult == DialogResult.Yes)

{

textBox1.Clear();

textBox2.Clear();

textBox3.Clear();

}

else if (dialogResult == DialogResult.No)

{

MessageBox.Show("Vậy hãy học lại lớp 1 :)", "Thông báo", MessageBoxButtons.OK, MessageBoxIcon.Information);

this.Close();

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message, "Lỗi!", MessageBoxButtons.OK, MessageBoxIcon.Error);

}

finally

{

}

}

}

}

**QLSV**

namespace QLSV

{

public partial class Form1 : Form

{

public Form1()

{

InitializeComponent();

InitializeFormState();

dgvStudent.CellClick += dgvStudent\_CellClick;

}

private void InitializeFormState()

{

List<string> faculties = new List<string> { "QTKD", "CNTT", "NNA" };

cmbFaculty.Items.Clear();

foreach (var faculty in faculties)

{

if (!cmbFaculty.Items.Contains(faculty))

{

cmbFaculty.Items.Add(faculty);

}

}

cmbFaculty.SelectedIndex = 0;

radioButton1.Checked = false;

radioButton2.Checked = true;

}

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

{

InitializeFormState();

}

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

{

UpdateGenderCount();

}

private int GetSelectedRow(string studentID)

{

for (int i = 0; i < dgvStudent.Rows.Count; i++)

{

if (dgvStudent.Rows[i].Cells[0].Value.ToString() == studentID)

{

return i;

}

}

return -1;

}

private void InsertUpdate(int selectedRow)

{

dgvStudent.Rows[selectedRow].Cells[0].Value = txtStudentID.Text;

dgvStudent.Rows[selectedRow].Cells[1].Value = txtFullName.Text;

dgvStudent.Rows[selectedRow].Cells[2].Value = radioButton1.Checked ? "Nam" : "Nữ";

dgvStudent.Rows[selectedRow].Cells[3].Value = float.Parse(txtAverageScore.Text).ToString();

dgvStudent.Rows[selectedRow].Cells[4].Value = cmbFaculty.Text;

UpdateGenderCount();

}

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

{

try

{

if (txtStudentID.Text == "" || txtFullName.Text == "" || txtAverageScore.Text == "")

throw new Exception("Vui lòng nhập đầy đủ thông tin sinh viên!");

int selectedRow = GetSelectedRow(txtStudentID.Text);

if (selectedRow == -1)

{

selectedRow = dgvStudent.Rows.Add();

InsertUpdate(selectedRow);

MessageBox.Show("Thêm mới dữ liệu thành công!", "Thông báo", MessageBoxButtons.OK);

}

else

{

InsertUpdate(selectedRow);

MessageBox.Show("Cập nhật dữ liệu thành công!", "Thông báo", MessageBoxButtons.OK);

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

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

{

try

{

int selectedRow = GetSelectedRow(txtStudentID.Text);

if (selectedRow == -1)

{

throw new Exception("Không tìm thấy MSSV cần xóa!");

}

else

{

DialogResult dr = MessageBox.Show("Bạn có muốn xóa?", "YES/NO", MessageBoxButtons.YesNo);

if (dr == DialogResult.Yes)

{

dgvStudent.Rows.RemoveAt(selectedRow);

MessageBox.Show("Xóa sinh viên thành công!", "Thông báo", MessageBoxButtons.OK);

ClearInputFields();

UpdateGenderCount();

}

}

}

catch (Exception ex)

{

MessageBox.Show(ex.Message);

}

}

private void ClearInputFields()

{

txtStudentID.Clear();

txtFullName.Clear();

txtAverageScore.Clear();

cmbFaculty.SelectedIndex = 0;

radioButton1.Checked = false;

radioButton2.Checked = true;

}

private void dgvStudent\_CellClick(object? sender, DataGridViewCellEventArgs e)

{

if (e.RowIndex >= 0) // Kiểm tra nếu chỉ số dòng hợp lệ

{

// Lấy thông tin sinh viên từ dòng đã chọn

DataGridViewRow selectedRow = dgvStudent.Rows[e.RowIndex];

txtStudentID.Text = selectedRow.Cells[0].Value?.ToString() ?? string.Empty;

txtFullName.Text = selectedRow.Cells[1].Value?.ToString() ?? string.Empty;

string gender = selectedRow.Cells[2].Value?.ToString() ?? "Nam";

radioButton1.Checked = (gender == "Nam");

radioButton2.Checked = (gender == "Nữ");

txtAverageScore.Text = selectedRow.Cells[3].Value?.ToString() ?? string.Empty;

cmbFaculty.SelectedItem = selectedRow.Cells[4].Value?.ToString() ?? string.Empty;

UpdateGenderCount();

}

}

private void UpdateGenderCount()

{

int maleCount = 0;

int femaleCount = 0;

foreach (DataGridViewRow row in dgvStudent.Rows)

{

if (row.Cells[2].Value != null)

{

string gender = row.Cells[2].Value?.ToString() ?? string.Empty;

if (gender == "Nam")

maleCount++;

else if (gender == "Nữ")

femaleCount++;

}

}

textBox1.Text = maleCount.ToString();

textBox2.Text = femaleCount.ToString();

}

private void dgvStudent\_CellContentClick(object sender, DataGridViewCellEventArgs e)

{

}

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

{

}

private void label7\_Click(object sender, EventArgs e)

{

}

}

}

**Designer**

namespace QLSV

{

partial class Form1

{

private System.ComponentModel.IContainer components = null;

protected override void Dispose(bool disposing)

{

if (disposing && (components != null))

{

components.Dispose();

}

base.Dispose(disposing);

}

#region Windows Form Designer generated code

private void InitializeComponent()

{

label1 = new Label();

dgvStudent = new DataGridView();

dataGridViewTextBoxColumn1 = new DataGridViewTextBoxColumn();

dataGridViewTextBoxColumn2 = new DataGridViewTextBoxColumn();

dataGridViewTextBoxColumn3 = new DataGridViewTextBoxColumn();

dataGridViewTextBoxColumn4 = new DataGridViewTextBoxColumn();

dataGridViewTextBoxColumn5 = new DataGridViewTextBoxColumn();

btnUpdate = new Button();

btnDelete = new Button();

cmbFaculty = new ComboBox();

groupBox1 = new GroupBox();

radioButton2 = new RadioButton();

radioButton1 = new RadioButton();

txtAverageScore = new TextBox();

txtFullName = new TextBox();

txtStudentID = new TextBox();

label6 = new Label();

label5 = new Label();

label4 = new Label();

label3 = new Label();

label2 = new Label();

label7 = new Label();

textBox1 = new TextBox();

textBox2 = new TextBox();

label8 = new Label();

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

groupBox1.SuspendLayout();

SuspendLayout();

//

// label1

//

label1.AutoSize = true;

label1.FlatStyle = FlatStyle.System;

label1.Font = new Font("Segoe UI", 18F, FontStyle.Regular, GraphicsUnit.Point, 163);

label1.ImageAlign = ContentAlignment.TopCenter;

label1.Location = new Point(347, 9);

label1.Name = "label1";

label1.Size = new Size(474, 96);

label1.TabIndex = 0;

label1.Text = "Quản Lý Thông Tin Sinh Viên\r\n";

label1.Click += label1\_Click;

//

// dgvStudent

//

dgvStudent.AllowUserToAddRows = false;

dgvStudent.AllowUserToOrderColumns = true;

dgvStudent.ColumnHeadersHeightSizeMode = DataGridViewColumnHeadersHeightSizeMode.AutoSize;

dgvStudent.Columns.AddRange(new DataGridViewColumn[] { dataGridViewTextBoxColumn1, dataGridViewTextBoxColumn2, dataGridViewTextBoxColumn3, dataGridViewTextBoxColumn4, dataGridViewTextBoxColumn5 });

dgvStudent.Location = new Point(419, 78);

dgvStudent.Name = "dgvStudent";

dgvStudent.RowHeadersWidth = 62;

dgvStudent.SelectionMode = DataGridViewSelectionMode.FullRowSelect;

dgvStudent.Size = new Size(717, 313);

dgvStudent.TabIndex = 1;

dgvStudent.CellContentClick += dgvStudent\_CellContentClick;

//

// dataGridViewTextBoxColumn1

//

dataGridViewTextBoxColumn1.FillWeight = 60F;

dataGridViewTextBoxColumn1.HeaderText = "MSSV";

dataGridViewTextBoxColumn1.MaxInputLength = 30000;

dataGridViewTextBoxColumn1.MinimumWidth = 6;

dataGridViewTextBoxColumn1.Name = "dataGridViewTextBoxColumn1";

dataGridViewTextBoxColumn1.ReadOnly = true;

dataGridViewTextBoxColumn1.Resizable = DataGridViewTriState.False;

dataGridViewTextBoxColumn1.Width = 150;

//

// dataGridViewTextBoxColumn2

//

dataGridViewTextBoxColumn2.HeaderText = "Họ Tên";

dataGridViewTextBoxColumn2.MinimumWidth = 8;

dataGridViewTextBoxColumn2.Name = "dataGridViewTextBoxColumn2";

dataGridViewTextBoxColumn2.Width = 200;

//

// dataGridViewTextBoxColumn3

//

dataGridViewTextBoxColumn3.HeaderText = "Giới Tính";

dataGridViewTextBoxColumn3.MinimumWidth = 6;

dataGridViewTextBoxColumn3.Name = "dataGridViewTextBoxColumn3";

dataGridViewTextBoxColumn3.Width = 120;

//

// dataGridViewTextBoxColumn4

//

dataGridViewTextBoxColumn4.HeaderText = "ĐTB";

dataGridViewTextBoxColumn4.MinimumWidth = 6;

dataGridViewTextBoxColumn4.Name = "dataGridViewTextBoxColumn4";

dataGridViewTextBoxColumn4.Width = 80;

//

// dataGridViewTextBoxColumn5

//

dataGridViewTextBoxColumn5.HeaderText = "Khoa";

dataGridViewTextBoxColumn5.MinimumWidth = 6;

dataGridViewTextBoxColumn5.Name = "dataGridViewTextBoxColumn5";

dataGridViewTextBoxColumn5.Width = 120;

//

// btnUpdate

//

btnUpdate.Location = new Point(152, 345);

btnUpdate.Name = "btnUpdate";

btnUpdate.Size = new Size(120, 46);

btnUpdate.TabIndex = 4;

btnUpdate.Text = "Thêm/ Sửa";

btnUpdate.UseVisualStyleBackColor = true;

btnUpdate.Click += btnUpdate\_Click;

//

// btnDelete

//

btnDelete.Location = new Point(278, 345);

btnDelete.Name = "btnDelete";

btnDelete.Size = new Size(112, 46);

btnDelete.TabIndex = 5;

btnDelete.Text = "Xóa";

btnDelete.UseVisualStyleBackColor = true;

btnDelete.Click += btnDelete\_Click;

//

// cmbFaculty

//

cmbFaculty.FormattingEnabled = true;

cmbFaculty.Location = new Point(161, 212);

cmbFaculty.Name = "cmbFaculty";

cmbFaculty.Size = new Size(217, 33);

cmbFaculty.TabIndex = 6;

//

// groupBox1

//

groupBox1.Controls.Add(radioButton2);

groupBox1.Controls.Add(radioButton1);

groupBox1.Controls.Add(txtAverageScore);

groupBox1.Controls.Add(txtFullName);

groupBox1.Controls.Add(txtStudentID);

groupBox1.Controls.Add(label6);

groupBox1.Controls.Add(label5);

groupBox1.Controls.Add(label4);

groupBox1.Controls.Add(label3);

groupBox1.Controls.Add(label2);

groupBox1.Controls.Add(cmbFaculty);

groupBox1.Location = new Point(12, 65);

groupBox1.Name = "groupBox1";

groupBox1.Size = new Size(401, 274);

groupBox1.TabIndex = 8;

groupBox1.TabStop = false;

groupBox1.Text = "Thông Tin Sinh Viên";

//

// radioButton2

//

radioButton2.AutoSize = true;

radioButton2.Location = new Point(242, 129);

radioButton2.Name = "radioButton2";

radioButton2.Size = new Size(61, 29);

radioButton2.TabIndex = 16;

radioButton2.TabStop = true;

radioButton2.Text = "Nữ";

radioButton2.UseVisualStyleBackColor = true;

//

// radioButton1

//

radioButton1.AutoSize = true;

radioButton1.Location = new Point(161, 129);

radioButton1.Name = "radioButton1";

radioButton1.Size = new Size(75, 29);

radioButton1.TabIndex = 15;

radioButton1.TabStop = true;

radioButton1.Text = "Nam";

radioButton1.UseVisualStyleBackColor = true;

//

// txtAverageScore

//

txtAverageScore.Location = new Point(161, 173);

txtAverageScore.Name = "txtAverageScore";

txtAverageScore.Size = new Size(89, 31);

txtAverageScore.TabIndex = 14;

//

// txtFullName

//

txtFullName.Location = new Point(161, 80);

txtFullName.Name = "txtFullName";

txtFullName.Size = new Size(217, 31);

txtFullName.TabIndex = 13;

//

// txtStudentID

//

txtStudentID.Location = new Point(161, 40);

txtStudentID.Name = "txtStudentID";

txtStudentID.Size = new Size(150, 31);

txtStudentID.TabIndex = 12;

//

// label6

//

label6.AutoSize = true;

label6.Location = new Point(32, 217);

label6.Name = "label6";

label6.Size = new Size(129, 25);

label6.TabIndex = 11;

label6.Text = "Chuyên Ngành";

//

// label5

//

label5.AutoSize = true;

label5.Location = new Point(32, 179);

label5.Name = "label5";

label5.Size = new Size(78, 25);

label5.TabIndex = 10;

label5.Text = "Điểm TB";

//

// label4

//

label4.AutoSize = true;

label4.Location = new Point(32, 129);

label4.Name = "label4";

label4.Size = new Size(81, 25);

label4.TabIndex = 9;

label4.Text = "Giới Tính";

//

// label3

//

label3.AutoSize = true;

label3.Location = new Point(32, 80);

label3.Name = "label3";

label3.Size = new Size(67, 25);

label3.TabIndex = 8;

label3.Text = "Họ Tên";

//

// label2

//

label2.AutoSize = true;

label2.Location = new Point(32, 43);

label2.Name = "label2";

label2.Size = new Size(115, 25);

label2.TabIndex = 7;

label2.Text = "Mã Sinh Viên";

//

// label7

//

label7.AutoSize = true;

label7.Location = new Point(781, 406);

label7.Name = "label7";

label7.Size = new Size(122, 25);

label7.TabIndex = 9;

label7.Text = "Tổng SV Nam";

label7.Click += label7\_Click;

//

// textBox1

//

textBox1.Location = new Point(909, 403);

textBox1.Name = "textBox1";

textBox1.Size = new Size(90, 31);

textBox1.TabIndex = 10;

textBox1.TextChanged += textBox1\_TextChanged;

//

// textBox2

//

textBox2.Location = new Point(1047, 403);

textBox2.Name = "textBox2";

textBox2.Size = new Size(89, 31);

textBox2.TabIndex = 11;

//

// label8

//

label8.AutoSize = true;

label8.Location = new Point(1005, 406);

label8.Name = "label8";

label8.Size = new Size(36, 25);

label8.TabIndex = 12;

label8.Text = "Nữ";

//

// Form1

//

AutoScaleDimensions = new SizeF(10F, 25F);

AutoScaleMode = AutoScaleMode.Font;

ClientSize = new Size(1148, 450);

Controls.Add(label8);

Controls.Add(textBox2);

Controls.Add(textBox1);

Controls.Add(label7);

Controls.Add(btnUpdate);

Controls.Add(groupBox1);

Controls.Add(btnDelete);

Controls.Add(dgvStudent);

Controls.Add(label1);

Name = "Form1";

Text = "Form1";

Load += Form1\_Load;

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

groupBox1.ResumeLayout(false);

groupBox1.PerformLayout();

ResumeLayout(false);

PerformLayout();

}

#endregion

private Label label1;

private DataGridView dgvStudent;

private Button btnUpdate;

private Button btnDelete;

private ComboBox cmbFaculty;

private GroupBox groupBox1;

private Label label6;

private Label label5;

private Label label4;

private Label label3;

private Label label2;

private TextBox txtAverageScore;

private TextBox txtFullName;

private TextBox txtStudentID;

private DataGridViewTextBoxColumn dataGridViewTextBoxColumn1;

private DataGridViewTextBoxColumn dataGridViewTextBoxColumn2;

private DataGridViewTextBoxColumn dataGridViewTextBoxColumn3;

private DataGridViewTextBoxColumn dataGridViewTextBoxColumn4;

private DataGridViewTextBoxColumn dataGridViewTextBoxColumn5;

private RadioButton radioButton2;

private RadioButton radioButton1;

private Label label7;

private TextBox textBox1;

private TextBox textBox2;

private Label label8;

}

}

**BÁN VÉ RẠP CHIẾU PHIM**

namespace BÁN\_VÉ\_RẠP\_CHIẾU\_PHIM

{

public partial class Form1 : Form

{

List<Button> DanhSachChon = new List<Button>();

int ThanhTien = 0;

public Form1()

{

InitializeComponent();

textBox1.Enabled = false;

}

private void label2\_Click(object sender, EventArgs e)

{

// Chức năng khác nếu cần

}

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

{

// Chức năng khác nếu cần

}

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

{

// Chức năng khác nếu cần

}

private void button23\_Click(object sender, EventArgs e)

{

DialogResult dr = MessageBox.Show("Bạn có muốn thoát không?", "YES/NO", MessageBoxButtons.YesNo);

if (dr == DialogResult.Yes) {

this.Close();

}

}

private void button21\_Click(object sender, EventArgs e)

{

foreach (Button b in DanhSachChon)

{

int a = int.Parse(b.Text);

if (a <= 5)

{

b.BackColor = Color.Yellow;

ThanhTien += 30000;

}

if (5 < a && a <= 10)

{

b.BackColor = Color.Yellow;

ThanhTien += 40000;

}

if (10 < a && a <= 15)

{

b.BackColor = Color.Yellow;

ThanhTien += 50000;

}

if (15 < a && a <= 20)

{

b.BackColor = Color.Yellow;

ThanhTien += 80000;

}

}

textBox1.Text = ThanhTien.ToString();

ThanhTien = 0;

DanhSachChon = new List<Button>();

}

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

{

Button btn = (Button) sender;

if (btn.BackColor != Color.Yellow)

{

if (btn.BackColor == Color.Blue)

{

btn.BackColor = Color.White;

DanhSachChon.Remove(btn);

}

else

{

btn.BackColor = Color.Blue;

DanhSachChon.Add(btn);

}

}

else

{

MessageBox.Show("Ghế đã được bán!", "Thông báo", MessageBoxButtons.OK, MessageBoxIcon.Information);

}

}

// Kết nối sự kiện cho các nút

private void button1\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button2\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button3\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button4\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button5\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button6\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button7\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button8\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button9\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button10\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button11\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button12\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button13\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button14\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button15\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button16\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button17\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button18\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button19\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button20\_Click(object sender, EventArgs e) => button\_Click(sender, e);

private void button22\_Click(object sender, EventArgs e)

{

foreach(Button b in DanhSachChon)

{

b.BackColor = Color.White;

}

textBox1.Text = "";

DanhSachChon = new List<Button>();

}

}

}