**SALDOS.h**

#pragma once

#include "iostream"

#include "string"

class SALDOS

{

double cantidad;

public:

SALDOS(void);

double Get\_cantidad();

void Set\_cantidad(double cant);

void Gasto(double dinero);

void Ingreso(double dinero);

};

**SALDOS.cpp**

#include "StdAfx.h"

#include "SALDOS.h"

SALDOS::SALDOS(void)

{

cantidad=200;

}

double SALDOS::Get\_cantidad()

{

return cantidad;

}

void SALDOS::Set\_cantidad(double cant)

{

cantidad=cant;

}

void SALDOS::Gasto(double dinero)

{

if(cantidad>dinero)

{cantidad=cantidad-dinero;

}else{cantidad=200;

}

}

void SALDOS::Ingreso(double dinero)

{cantidad=cantidad+dinero;

}

**Form1.h**

#pragma once

#include "iostream"

#include "string"

#include "SALDOS.h"

using namespace std;

namespace Practicaengrupode2 {

using namespace System;

using namespace System::ComponentModel;

using namespace System::Collections;

using namespace System::Windows::Forms;

using namespace System::Data;

using namespace System::Drawing;

/// <summary>

/// Summary for Form1

/// </summary>

SALDOS KAMILA;

SALDOS ADRIANA;

public ref class Form1 : public System::Windows::Forms::Form

{

public:

Form1(void)

{

InitializeComponent();

//

//TODO: Add the constructor code here

//

}

protected:

/// <summary>

/// Clean up any resources being used.

/// </summary>

~Form1()

{

if (components)

{

delete components;

}

}

private: System::Windows::Forms::TextBox^ tdinero1;

protected:

protected:

private: System::Windows::Forms::ToolTip^ toolTip1;

private: System::Windows::Forms::TextBox^ tmostrar1;

private: System::Windows::Forms::TextBox^ tdinero2;

private: System::Windows::Forms::TextBox^ tmostrar2;

private: System::Windows::Forms::Button^ bIngreso1;

private: System::Windows::Forms::Button^ bGastos;

private: System::Windows::Forms::Button^ bSaldo1;

private: System::Windows::Forms::Button^ bIngreso2;

private: System::Windows::Forms::Button^ bGastos2;

private: System::Windows::Forms::Button^ bSaldo2;

private: System::ComponentModel::IContainer^ components;

protected:

private:

/// <summary>

/// Required designer variable.

/// </summary>

#pragma 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>

void InitializeComponent(void)

{

this->components = (gcnew System::ComponentModel::Container());

this->tdinero1 = (gcnew System::Windows::Forms::TextBox());

this->toolTip1 = (gcnew System::Windows::Forms::ToolTip(this->components));

this->tmostrar1 = (gcnew System::Windows::Forms::TextBox());

this->tdinero2 = (gcnew System::Windows::Forms::TextBox());

this->tmostrar2 = (gcnew System::Windows::Forms::TextBox());

this->bIngreso1 = (gcnew System::Windows::Forms::Button());

this->bGastos = (gcnew System::Windows::Forms::Button());

this->bSaldo1 = (gcnew System::Windows::Forms::Button());

this->bIngreso2 = (gcnew System::Windows::Forms::Button());

this->bGastos2 = (gcnew System::Windows::Forms::Button());

this->bSaldo2 = (gcnew System::Windows::Forms::Button());

this->SuspendLayout();

//

// tdinero1

//

this->tdinero1->Location = System::Drawing::Point(22, 28);

this->tdinero1->Name = L"tdinero1";

this->tdinero1->Size = System::Drawing::Size(100, 20);

this->tdinero1->TabIndex = 0;

//

// tmostrar1

//

this->tmostrar1->Location = System::Drawing::Point(22, 92);

this->tmostrar1->Name = L"tmostrar1";

this->tmostrar1->Size = System::Drawing::Size(100, 20);

this->tmostrar1->TabIndex = 1;

//

// tdinero2

//

this->tdinero2->Location = System::Drawing::Point(482, 28);

this->tdinero2->Name = L"tdinero2";

this->tdinero2->Size = System::Drawing::Size(100, 20);

this->tdinero2->TabIndex = 2;

//

// tmostrar2

//

this->tmostrar2->Location = System::Drawing::Point(482, 101);

this->tmostrar2->Name = L"tmostrar2";

this->tmostrar2->Size = System::Drawing::Size(100, 20);

this->tmostrar2->TabIndex = 3;

//

// bIngreso1

//

this->bIngreso1->Location = System::Drawing::Point(22, 160);

this->bIngreso1->Name = L"bIngreso1";

this->bIngreso1->Size = System::Drawing::Size(75, 23);

this->bIngreso1->TabIndex = 4;

this->bIngreso1->Text = L"Ingreso1";

this->bIngreso1->UseVisualStyleBackColor = true;

this->bIngreso1->Click += gcnew System::EventHandler(this, &Form1::Ingreso\_Click);

//

// bGastos

//

this->bGastos->Location = System::Drawing::Point(171, 160);

this->bGastos->Name = L"bGastos";

this->bGastos->Size = System::Drawing::Size(75, 23);

this->bGastos->TabIndex = 5;

this->bGastos->Text = L"Gastos1";

this->bGastos->UseVisualStyleBackColor = true;

this->bGastos->Click += gcnew System::EventHandler(this, &Form1::bGastos\_Click);

//

// bSaldo1

//

this->bSaldo1->Location = System::Drawing::Point(102, 212);

this->bSaldo1->Name = L"bSaldo1";

this->bSaldo1->Size = System::Drawing::Size(75, 23);

this->bSaldo1->TabIndex = 6;

this->bSaldo1->Text = L"Ver Saldo1";

this->bSaldo1->UseVisualStyleBackColor = true;

this->bSaldo1->Click += gcnew System::EventHandler(this, &Form1::bSaldo1\_Click);

//

// bIngreso2

//

this->bIngreso2->Location = System::Drawing::Point(381, 159);

this->bIngreso2->Name = L"bIngreso2";

this->bIngreso2->Size = System::Drawing::Size(75, 23);

this->bIngreso2->TabIndex = 7;

this->bIngreso2->Text = L"Ingerso2";

this->bIngreso2->UseVisualStyleBackColor = true;

this->bIngreso2->Click += gcnew System::EventHandler(this, &Form1::bIngreso2\_Click);

//

// bGastos2

//

this->bGastos2->Location = System::Drawing::Point(571, 158);

this->bGastos2->Name = L"bGastos2";

this->bGastos2->Size = System::Drawing::Size(75, 23);

this->bGastos2->TabIndex = 8;

this->bGastos2->Text = L"Gastos2";

this->bGastos2->UseVisualStyleBackColor = true;

this->bGastos2->Click += gcnew System::EventHandler(this, &Form1::bGastos2\_Click);

//

// bSaldo2

//

this->bSaldo2->Location = System::Drawing::Point(482, 203);

this->bSaldo2->Name = L"bSaldo2";

this->bSaldo2->Size = System::Drawing::Size(75, 23);

this->bSaldo2->TabIndex = 9;

this->bSaldo2->Text = L"Ver Saldo2";

this->bSaldo2->UseVisualStyleBackColor = true;

this->bSaldo2->Click += gcnew System::EventHandler(this, &Form1::bSaldo2\_Click);

//

// Form1

//

this->AutoScaleDimensions = System::Drawing::SizeF(6, 13);

this->AutoScaleMode = System::Windows::Forms::AutoScaleMode::Font;

this->ClientSize = System::Drawing::Size(678, 380);

this->Controls->Add(this->bSaldo2);

this->Controls->Add(this->bGastos2);

this->Controls->Add(this->bIngreso2);

this->Controls->Add(this->bSaldo1);

this->Controls->Add(this->bGastos);

this->Controls->Add(this->bIngreso1);

this->Controls->Add(this->tmostrar2);

this->Controls->Add(this->tdinero2);

this->Controls->Add(this->tmostrar1);

this->Controls->Add(this->tdinero1);

this->Name = L"Form1";

this->Text = L"Form1";

this->ResumeLayout(false);

this->PerformLayout();

}

#pragma endregion

private: System::Void Ingreso\_Click(System::Object^ sender, System::EventArgs^ e) {

KAMILA.Ingreso(System::Convert::ToDouble(tdinero1->Text));

}

private: System::Void bGastos\_Click(System::Object^ sender, System::EventArgs^ e) {

KAMILA.Gasto(System::Convert::ToDouble(tdinero1->Text));

}

private: System::Void bSaldo1\_Click(System::Object^ sender, System::EventArgs^ e) {

tmostrar1->Text=System::Convert::ToString(KAMILA.Get\_cantidad());

}

private: System::Void bIngreso2\_Click(System::Object^ sender, System::EventArgs^ e) {

ADRIANA.Ingreso(System::Convert::ToDouble(tdinero2->Text));

}

private: System::Void bGastos2\_Click(System::Object^ sender, System::EventArgs^ e) {

ADRIANA.Gasto(System::Convert::ToDouble(tdinero2->Text));

}

private: System::Void bSaldo2\_Click(System::Object^ sender, System::EventArgs^ e) {

tmostrar2->Text=System::Convert::ToString(ADRIANA.Get\_cantidad());

}

};

}