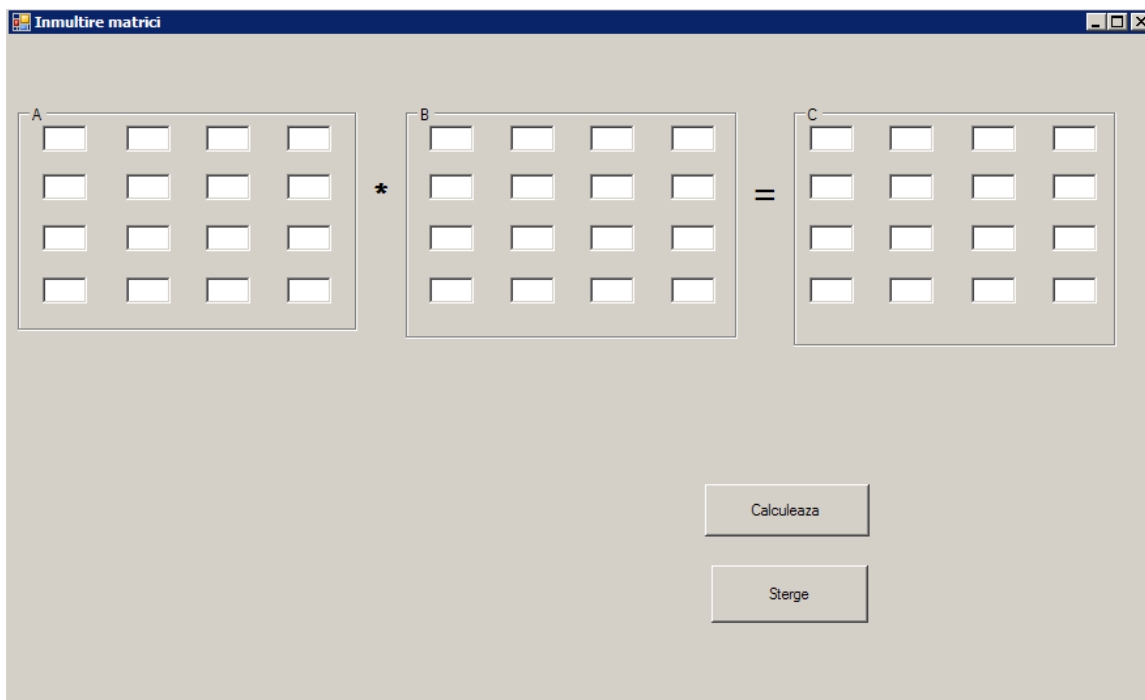


Lucrarea 4 la informatica

Lucrarea este realizata in WFA si realizeaza calculul inmultirii a doua matrici cu 4 linii si 4 coloane. Fereastra de baza cuprinde 2 butoane si 48 de textbox-uri grupate in 3 groupbox denumite A,B si C. La pornire programul arata:



In fiecare textbox se introduce un numar corespunzator liniei si coloanei matricii, introducandu-se date in matricea A si B, iar rezultatul este dat in matricea C su aceeasi forma, la actionarea butonului “Calculeaza”.

Butonul “Sterge” sterge toate campurile matricei A.B si C

Codul sursa este:

```
#pragma once
```

```
namespace calcul_matrice {

    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
    ///
    /// WARNING: If you change the name of this class, you will need
to change the
    ///         'Resource File Name' property for the managed
resource compiler tool
    ///         associated with all .resx files this class depends
on. Otherwise,
    ///         the designers will not be able to interact properly
with localized
    ///         resources associated with this form.
}
```

```

    /// </summary>
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;
        }
    }

protected:

private: System::Windows::Forms::Label^  label1;
private: System::Windows::Forms::Label^  label2;
private: System::Windows::Forms::Button^  button1;
private: System::Windows::Forms::Button^  button2;
private: System::Windows::Forms::TextBox^  textBox1;
private: System::Windows::Forms::TextBox^  textBox2;
private: System::Windows::Forms::TextBox^  textBox3;
private: System::Windows::Forms::TextBox^  textBox4;
private: System::Windows::Forms::TextBox^  textBox5;
private: System::Windows::Forms::TextBox^  textBox6;
private: System::Windows::Forms::TextBox^  textBox7;
private: System::Windows::Forms::TextBox^  textBox8;
private: System::Windows::Forms::TextBox^  textBox9;
private: System::Windows::Forms::TextBox^  textBox10;
private: System::Windows::Forms::TextBox^  textBox11;
private: System::Windows::Forms::TextBox^  textBox12;
private: System::Windows::Forms::TextBox^  textBox13;
private: System::Windows::Forms::TextBox^  textBox14;
private: System::Windows::Forms::TextBox^  textBox15;
private: System::Windows::Forms::TextBox^  textBox16;
private: System::Windows::Forms::TextBox^  textBox17;
private: System::Windows::Forms::TextBox^  textBox18;
private: System::Windows::Forms::TextBox^  textBox19;
private: System::Windows::Forms::TextBox^  textBox20;
private: System::Windows::Forms::TextBox^  textBox21;
private: System::Windows::Forms::TextBox^  textBox22;
private: System::Windows::Forms::TextBox^  textBox23;
private: System::Windows::Forms::TextBox^  textBox24;
private: System::Windows::Forms::TextBox^  textBox25;
private: System::Windows::Forms::TextBox^  textBox26;
private: System::Windows::Forms::TextBox^  textBox27;

```

```

private: System::Windows::Forms::TextBox^    textBox28;
private: System::Windows::Forms::TextBox^    textBox29;
private: System::Windows::Forms::TextBox^    textBox30;
private: System::Windows::Forms::TextBox^    textBox31;
private: System::Windows::Forms::TextBox^    textBox32;
private: System::Windows::Forms::TextBox^    textBox33;
private: System::Windows::Forms::TextBox^    textBox34;
private: System::Windows::Forms::TextBox^    textBox35;
private: System::Windows::Forms::TextBox^    textBox36;
private: System::Windows::Forms::TextBox^    textBox37;
private: System::Windows::Forms::TextBox^    textBox38;
private: System::Windows::Forms::TextBox^    textBox39;
private: System::Windows::Forms::TextBox^    textBox40;
private: System::Windows::Forms::TextBox^    textBox41;
private: System::Windows::Forms::TextBox^    textBox42;
private: System::Windows::Forms::TextBox^    textBox43;
private: System::Windows::Forms::TextBox^    textBox44;
private: System::Windows::Forms::TextBox^    textBox45;
private: System::Windows::Forms::TextBox^    textBox46;
private: System::Windows::Forms::TextBox^    textBox47;
private: System::Windows::Forms::TextBox^    textBox48;
private: System::Windows::Forms::GroupBox^    groupBox1;
private: System::Windows::Forms::GroupBox^    groupBox2;
private: System::Windows::Forms::GroupBox^    groupBox3;

```

```

private:
    /// <summary>
    /// Required designer variable.
    /// </summary>
    System::ComponentModel::Container ^components;

```

```

#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->label1 = (gcnew
System::Windows::Forms::Label());
        this->label2 = (gcnew
System::Windows::Forms::Label());
        this->button1 = (gcnew
System::Windows::Forms::Button());
        this->button2 = (gcnew
System::Windows::Forms::Button());
        this->textBox1 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox2 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox3 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox4 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox5 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox6 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox7 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox8 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox9 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox10 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox11 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox12 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox13 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox14 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox15 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox16 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox17 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox18 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox19 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox20 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox21 = (gcnew
System::Windows::Forms::TextBox());
    }

```

```
        this->textBox22 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox23 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox24 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox25 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox26 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox27 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox28 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox29 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox30 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox31 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox32 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox33 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox34 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox35 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox36 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox37 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox38 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox39 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox40 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox41 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox42 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox43 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox44 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox45 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox46 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox47 = (gcnew
System::Windows::Forms::TextBox());
        this->textBox48 = (gcnew
System::Windows::Forms::TextBox());
        this->groupBox1 = (gcnew
System::Windows::Forms::GroupBox());
```

```

        this->groupBox2 = (gcnew
System::Windows::Forms::GroupBox());
        this->groupBox3 = (gcnew
System::Windows::Forms::GroupBox());
        this->groupBox1->SuspendLayout();
        this->groupBox2->SuspendLayout();
        this->groupBox3->SuspendLayout();
        this->SuspendLayout();
        //
        // label1
        //
        this->label1->AutoSize = true;
        this->label1->Font = (gcnew
System::Drawing::Font(L"Microsoft Sans Serif", 20.25F,
System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,
        static_cast<System::Byte>(0)));
        this->label1->Location = System::Drawing::Point(273,
106);

        this->label1->Name = L"label1";
        this->label1->Size = System::Drawing::Size(26, 31);
        this->label1->TabIndex = 40;
        this->label1->Text = L"*";
        //
        // label2
        //
        this->label2->AutoSize = true;
        this->label2->Font = (gcnew
System::Drawing::Font(L"Microsoft Sans Serif", 20.25F,
System::Drawing::FontStyle::Bold, System::Drawing::GraphicsUnit::Point,
        static_cast<System::Byte>(0)));
        this->label2->Location = System::Drawing::Point(564,
106);

        this->label2->Name = L"label2";
        this->label2->Size = System::Drawing::Size(31, 31);
        this->label2->TabIndex = 41;
        this->label2->Text = L="";
        //
        // button1
        //
        this->button1->Location = System::Drawing::Point(533,
343);

        this->button1->Name = L"button1";
        this->button1->Size = System::Drawing::Size(126, 40);
        this->button1->TabIndex = 42;
        this->button1->Text = L"Calculeaza";
        this->button1->UseVisualStyleBackColor = true;
        this->button1->Click += gcnew
System::EventHandler(this, &Form1::button1_Click);
        //
        // button2
        //
        this->button2->Location = System::Drawing::Point(538,
405);

        this->button2->Name = L"button2";
        this->button2->Size = System::Drawing::Size(120, 44);
        this->button2->TabIndex = 45;
        this->button2->Text = L"Sterge";

```

```

        this->button2->UseVisualStyleBackColor = true;
        this->button2->Click += gcnew
System::EventHandler(this, &Form1::button2_Click);
        //
        // textBox1
        //
        this->textBox1->Location = System::Drawing::Point(19,
15);

        this->textBox1->Name = L"textBox1";
        this->textBox1->Size = System::Drawing::Size(34, 20);
        this->textBox1->TabIndex = 46;
        //
        // textBox2
        //
        this->textBox2->Location = System::Drawing::Point(19,
52);

        this->textBox2->Name = L"textBox2";
        this->textBox2->Size = System::Drawing::Size(34, 20);
        this->textBox2->TabIndex = 47;
        //
        // textBox3
        //
        this->textBox3->Location = System::Drawing::Point(19,
91);

        this->textBox3->Name = L"textBox3";
        this->textBox3->Size = System::Drawing::Size(34, 20);
        this->textBox3->TabIndex = 48;
        //
        // textBox4
        //
        this->textBox4->Location = System::Drawing::Point(19,
131);

        this->textBox4->Name = L"textBox4";
        this->textBox4->Size = System::Drawing::Size(34, 20);
        this->textBox4->TabIndex = 49;
        //
        // textBox5
        //
        this->textBox5->Location = System::Drawing::Point(83,
15);

        this->textBox5->Name = L"textBox5";
        this->textBox5->Size = System::Drawing::Size(34, 20);
        this->textBox5->TabIndex = 50;
        //
        // textBox6
        //
        this->textBox6->Location = System::Drawing::Point(83,
52);

        this->textBox6->Name = L"textBox6";
        this->textBox6->Size = System::Drawing::Size(34, 20);
        this->textBox6->TabIndex = 51;
        //
        // textBox7
        //
        this->textBox7->Location = System::Drawing::Point(83,
91);

        this->textBox7->Name = L"textBox7";

```



```

        this->textBox7->Size = System::Drawing::Size(34, 20);
        this->textBox7->TabIndex = 52;
        //
        // textBox8
        //
        this->textBox8->Location = System::Drawing::Point(83,
131);

        this->textBox8->Name = L"textBox8";
        this->textBox8->Size = System::Drawing::Size(34, 20);
        this->textBox8->TabIndex = 53;
        //
        // textBox9
        //
        this->textBox9->Location =
System::Drawing::Point(144, 15);
        this->textBox9->Name = L"textBox9";
        this->textBox9->Size = System::Drawing::Size(34, 20);
        this->textBox9->TabIndex = 54;
        //
        // textBox10
        //
        this->textBox10->Location =
System::Drawing::Point(144, 52);
        this->textBox10->Name = L"textBox10";
        this->textBox10->Size = System::Drawing::Size(34,
20);

        this->textBox10->TabIndex = 55;
        //
        // textBox11
        //
        this->textBox11->Location =
System::Drawing::Point(144, 91);
        this->textBox11->Name = L"textBox11";
        this->textBox11->Size = System::Drawing::Size(34,
20);

        this->textBox11->TabIndex = 56;
        //
        // textBox12
        //
        this->textBox12->Location =
System::Drawing::Point(144, 131);
        this->textBox12->Name = L"textBox12";
        this->textBox12->Size = System::Drawing::Size(34,
20);

        this->textBox12->TabIndex = 57;
        //
        // textBox13
        //
        this->textBox13->Location =
System::Drawing::Point(206, 15);
        this->textBox13->Name = L"textBox13";
        this->textBox13->Size = System::Drawing::Size(34,
20);

        this->textBox13->TabIndex = 58;
        //
        // textBox14
        //

```

```

        this->textBox14->Location =
System::Drawing::Point(206, 52);
        this->textBox14->Name = L"textBox14";
        this->textBox14->Size = System::Drawing::Size(34,
20);

        this->textBox14->TabIndex = 59;
        //
        //  textBox15
        //
        this->textBox15->Location =
System::Drawing::Point(206, 91);
        this->textBox15->Name = L"textBox15";
        this->textBox15->Size = System::Drawing::Size(34,
20);

        this->textBox15->TabIndex = 60;
        //
        //  textBox16
        //
        this->textBox16->Location =
System::Drawing::Point(206, 131);
        this->textBox16->Name = L"textBox16";
        this->textBox16->Size = System::Drawing::Size(34,
20);

        this->textBox16->TabIndex = 61;
        //
        //  textBox17
        //
        this->textBox17->Location =
System::Drawing::Point(18, 15);
        this->textBox17->Name = L"textBox17";
        this->textBox17->Size = System::Drawing::Size(34,
20);

        this->textBox17->TabIndex = 62;
        //
        //  textBox18
        //
        this->textBox18->Location =
System::Drawing::Point(18, 52);
        this->textBox18->Name = L"textBox18";
        this->textBox18->Size = System::Drawing::Size(34,
20);

        this->textBox18->TabIndex = 63;
        //
        //  textBox19
        //
        this->textBox19->Location =
System::Drawing::Point(18, 91);
        this->textBox19->Name = L"textBox19";
        this->textBox19->Size = System::Drawing::Size(34,
20);

        this->textBox19->TabIndex = 64;
        //
        //  textBox20
        //
        this->textBox20->Location =
System::Drawing::Point(18, 131);
        this->textBox20->Name = L"textBox20";

```

```

        this->textBox20->Size = System::Drawing::Size(34,
20);

        this->textBox20->TabIndex = 65;
        //
        // textBox21
        //
        this->textBox21->Location =
System::Drawing::Point(80, 15);
        this->textBox21->Name = L"textBox21";
        this->textBox21->Size = System::Drawing::Size(34,
20);

        this->textBox21->TabIndex = 66;
        //
        // textBox22
        //
        this->textBox22->Location =
System::Drawing::Point(80, 52);
        this->textBox22->Name = L"textBox22";
        this->textBox22->Size = System::Drawing::Size(34,
20);

        this->textBox22->TabIndex = 67;
        //
        // textBox23
        //
        this->textBox23->Location =
System::Drawing::Point(80, 91);
        this->textBox23->Name = L"textBox23";
        this->textBox23->Size = System::Drawing::Size(34,
20);

        this->textBox23->TabIndex = 68;
        //
        // textBox24
        //
        this->textBox24->Location =
System::Drawing::Point(80, 131);
        this->textBox24->Name = L"textBox24";
        this->textBox24->Size = System::Drawing::Size(34,
20);

        this->textBox24->TabIndex = 69;
        //
        // textBox25
        //
        this->textBox25->Location =
System::Drawing::Point(141, 15);
        this->textBox25->Name = L"textBox25";
        this->textBox25->Size = System::Drawing::Size(34,
20);

        this->textBox25->TabIndex = 70;
        //
        // textBox26
        //
        this->textBox26->Location =
System::Drawing::Point(141, 52);
        this->textBox26->Name = L"textBox26";
        this->textBox26->Size = System::Drawing::Size(34,
20);

        this->textBox26->TabIndex = 71;

```

```

        //
        // textBox27
        //
        this->textBox27->Location =
System::Drawing::Point(141, 91);
        this->textBox27->Name = L"textBox27";
        this->textBox27->Size = System::Drawing::Size(34,
20);

        this->textBox27->TabIndex = 72;
        //
        // textBox28
        //
        this->textBox28->Location =
System::Drawing::Point(141, 131);
        this->textBox28->Name = L"textBox28";
        this->textBox28->Size = System::Drawing::Size(34,
20);

        this->textBox28->TabIndex = 73;
        //
        // textBox29
        //
        this->textBox29->Location =
System::Drawing::Point(203, 15);
        this->textBox29->Name = L"textBox29";
        this->textBox29->Size = System::Drawing::Size(34,
20);

        this->textBox29->TabIndex = 74;
        //
        // textBox30
        //
        this->textBox30->Location =
System::Drawing::Point(203, 52);
        this->textBox30->Name = L"textBox30";
        this->textBox30->Size = System::Drawing::Size(34,
20);

        this->textBox30->TabIndex = 75;
        //
        // textBox31
        //
        this->textBox31->Location =
System::Drawing::Point(203, 91);
        this->textBox31->Name = L"textBox31";
        this->textBox31->Size = System::Drawing::Size(34,
20);

        this->textBox31->TabIndex = 76;
        //
        // textBox32
        //
        this->textBox32->Location =
System::Drawing::Point(203, 131);
        this->textBox32->Name = L"textBox32";
        this->textBox32->Size = System::Drawing::Size(34,
20);

        this->textBox32->TabIndex = 77;
        //
        // textBox33
        //

```

```

        this->textBox33->Location =
System::Drawing::Point(12, 15);
        this->textBox33->Name = L"textBox33";
        this->textBox33->Size = System::Drawing::Size(34,
20);

        this->textBox33->TabIndex = 78;
        //
        //  textBox34
        //
        this->textBox34->Location =
System::Drawing::Point(12, 52);
        this->textBox34->Name = L"textBox34";
        this->textBox34->Size = System::Drawing::Size(34,
20);

        this->textBox34->TabIndex = 79;
        //
        //  textBox35
        //
        this->textBox35->Location =
System::Drawing::Point(12, 91);
        this->textBox35->Name = L"textBox35";
        this->textBox35->Size = System::Drawing::Size(34,
20);

        this->textBox35->TabIndex = 80;
        //
        //  textBox36
        //
        this->textBox36->Location =
System::Drawing::Point(12, 131);
        this->textBox36->Name = L"textBox36";
        this->textBox36->Size = System::Drawing::Size(34,
20);

        this->textBox36->TabIndex = 81;
        //
        //  textBox37
        //
        this->textBox37->Location =
System::Drawing::Point(73, 15);
        this->textBox37->Name = L"textBox37";
        this->textBox37->Size = System::Drawing::Size(34,
20);

        this->textBox37->TabIndex = 82;
        //
        //  textBox38
        //
        this->textBox38->Location =
System::Drawing::Point(73, 52);
        this->textBox38->Name = L"textBox38";
        this->textBox38->Size = System::Drawing::Size(34,
20);

        this->textBox38->TabIndex = 83;
        //
        //  textBox39
        //
        this->textBox39->Location =
System::Drawing::Point(73, 91);
        this->textBox39->Name = L"textBox39";

```

```

        this->textBox39->Size = System::Drawing::Size(34,
20);

        this->textBox39->TabIndex = 84;
        //
        // textBox40
        //
        this->textBox40->Location =
System::Drawing::Point(73, 131);
        this->textBox40->Name = L"textBox40";
        this->textBox40->Size = System::Drawing::Size(34,
20);

        this->textBox40->TabIndex = 85;
        //
        // textBox41
        //
        this->textBox41->Location =
System::Drawing::Point(136, 15);
        this->textBox41->Name = L"textBox41";
        this->textBox41->Size = System::Drawing::Size(34,
20);

        this->textBox41->TabIndex = 86;
        //
        // textBox42
        //
        this->textBox42->Location =
System::Drawing::Point(136, 52);
        this->textBox42->Name = L"textBox42";
        this->textBox42->Size = System::Drawing::Size(34,
20);

        this->textBox42->TabIndex = 87;
        //
        // textBox43
        //
        this->textBox43->Location =
System::Drawing::Point(136, 91);
        this->textBox43->Name = L"textBox43";
        this->textBox43->Size = System::Drawing::Size(34,
20);

        this->textBox43->TabIndex = 88;
        //
        // textBox44
        //
        this->textBox44->Location =
System::Drawing::Point(136, 131);
        this->textBox44->Name = L"textBox44";
        this->textBox44->Size = System::Drawing::Size(34,
20);

        this->textBox44->TabIndex = 89;
        //
        // textBox45
        //
        this->textBox45->Location =
System::Drawing::Point(198, 15);
        this->textBox45->Name = L"textBox45";
        this->textBox45->Size = System::Drawing::Size(34,
20);

        this->textBox45->TabIndex = 90;

```

```

        //
        // textBox46
        //
        this->textBox46->Location =
System::Drawing::Point(198, 52);
        this->textBox46->Name = L"textBox46";
        this->textBox46->Size = System::Drawing::Size(34,
20);

        this->textBox46->TabIndex = 91;
        //
        // textBox47
        //
        this->textBox47->Location =
System::Drawing::Point(198, 91);
        this->textBox47->Name = L"textBox47";
        this->textBox47->Size = System::Drawing::Size(34,
20);

        this->textBox47->TabIndex = 92;
        //
        // textBox48
        //
        this->textBox48->Location =
System::Drawing::Point(198, 131);
        this->textBox48->Name = L"textBox48";
        this->textBox48->Size = System::Drawing::Size(34,
20);

        this->textBox48->TabIndex = 93;
        //
        // groupBox1
        //
        this->groupBox1->AutoSize = true;
        this->groupBox1->Controls->Add(this->textBox16);
        this->groupBox1->Controls->Add(this->textBox15);
        this->groupBox1->Controls->Add(this->textBox14);
        this->groupBox1->Controls->Add(this->textBox13);
        this->groupBox1->Controls->Add(this->textBox12);
        this->groupBox1->Controls->Add(this->textBox11);
        this->groupBox1->Controls->Add(this->textBox10);
        this->groupBox1->Controls->Add(this->textBox9);
        this->groupBox1->Controls->Add(this->textBox8);
        this->groupBox1->Controls->Add(this->textBox7);
        this->groupBox1->Controls->Add(this->textBox6);
        this->groupBox1->Controls->Add(this->textBox5);
        this->groupBox1->Controls->Add(this->textBox4);
        this->groupBox1->Controls->Add(this->textBox3);
        this->groupBox1->Controls->Add(this->textBox2);
        this->groupBox1->Controls->Add(this->textBox1);
        this->groupBox1->Location = System::Drawing::Point(7,
54);

        this->groupBox1->Name = L"groupBox1";
        this->groupBox1->Size = System::Drawing::Size(260,
172);

        this->groupBox1->TabIndex = 94;
        this->groupBox1->TabStop = false;
        this->groupBox1->Text = L"A";
        //
        // groupBox2

```

```

//
this->groupBox2->AutoSize = true;
this->groupBox2->Controls->Add(this->textBox32);
this->groupBox2->Controls->Add(this->textBox31);
this->groupBox2->Controls->Add(this->textBox30);
this->groupBox2->Controls->Add(this->textBox29);
this->groupBox2->Controls->Add(this->textBox28);
this->groupBox2->Controls->Add(this->textBox27);
this->groupBox2->Controls->Add(this->textBox26);
this->groupBox2->Controls->Add(this->textBox25);
this->groupBox2->Controls->Add(this->textBox24);
this->groupBox2->Controls->Add(this->textBox23);
this->groupBox2->Controls->Add(this->textBox22);
this->groupBox2->Controls->Add(this->textBox21);
this->groupBox2->Controls->Add(this->textBox20);
this->groupBox2->Controls->Add(this->textBox19);
this->groupBox2->Controls->Add(this->textBox18);
this->groupBox2->Controls->Add(this->textBox17);
this->groupBox2->Location =
System::Drawing::Point(304, 54);
this->groupBox2->Name = L"groupBox2";
this->groupBox2->Size = System::Drawing::Size(254,
178);

this->groupBox2->TabIndex = 95;
this->groupBox2->TabStop = false;
this->groupBox2->Text = L"B";
//
// groupBox3
//
this->groupBox3->AutoSize = true;
this->groupBox3->Controls->Add(this->textBox48);
this->groupBox3->Controls->Add(this->textBox47);
this->groupBox3->Controls->Add(this->textBox46);
this->groupBox3->Controls->Add(this->textBox45);
this->groupBox3->Controls->Add(this->textBox44);
this->groupBox3->Controls->Add(this->textBox43);
this->groupBox3->Controls->Add(this->textBox42);
this->groupBox3->Controls->Add(this->textBox41);
this->groupBox3->Controls->Add(this->textBox40);
this->groupBox3->Controls->Add(this->textBox39);
this->groupBox3->Controls->Add(this->textBox38);
this->groupBox3->Controls->Add(this->textBox37);
this->groupBox3->Controls->Add(this->textBox36);
this->groupBox3->Controls->Add(this->textBox35);
this->groupBox3->Controls->Add(this->textBox34);
this->groupBox3->Controls->Add(this->textBox33);
this->groupBox3->Location =
System::Drawing::Point(601, 54);
this->groupBox3->Name = L"groupBox3";
this->groupBox3->Size = System::Drawing::Size(247,
184);

this->groupBox3->TabIndex = 96;
this->groupBox3->TabStop = false;
this->groupBox3->Text = L"C";
//
// Form1
//

```



```

        this->AutoScaleDimensions = System::Drawing::SizeF(6,
13);
        this->AutoScaleMode =
System::Windows::Forms::AutoScaleMode::Font;
        this->ClientSize = System::Drawing::Size(877, 511);
        this->Controls->Add(this->groupBox3);
        this->Controls->Add(this->groupBox2);
        this->Controls->Add(this->groupBox1);
        this->Controls->Add(this->button2);
        this->Controls->Add(this->button1);
        this->Controls->Add(this->label2);
        this->Controls->Add(this->label1);
        this->Name = L"Form1";
        this->Text = L"Inmultire matrici";
        this->Load += gcnew System::EventHandler(this,
&Form1::Form1_Load);
        this->groupBox1->ResumeLayout(false);
        this->groupBox1->PerformLayout();
        this->groupBox2->ResumeLayout(false);
        this->groupBox2->PerformLayout();
        this->groupBox3->ResumeLayout(false);
        this->groupBox3->PerformLayout();
        this->ResumeLayout(false);
        this->PerformLayout();

    }
#pragma endregion
    private: System::Void button1_Click(System::Object^ sender,
System::EventArgs^ e) {
        double
a11,a12,a13,a14,a21,a22,a23,a24,a31,a32,a33,a34,a41,a42,a43,a44,
b11,b12,b13,b14,b21,b22,b23,b24,b31,b32,b33,b34,b41,b42,b43,b44,

        c11,c12,c13,c14,c21,c22,c23,c24,c31,c32,c33,c34,c41,c42,c43,c44;
        a11=System::Convert::ToDouble(this->textBox1-
>Text);
        a21=System::Convert::ToDouble(this->textBox2-
>Text);
        a31=System::Convert::ToDouble(this->textBox3-
>Text);
        a41=System::Convert::ToDouble(this->textBox4-
>Text);
        a12=System::Convert::ToDouble(this->textBox5-
>Text);
        a22=System::Convert::ToDouble(this->textBox6-
>Text);
        a32=System::Convert::ToDouble(this->textBox7-
>Text);
        a42=System::Convert::ToDouble(this->textBox8-
>Text);
        a13=System::Convert::ToDouble(this->textBox9-
>Text);
        a23=System::Convert::ToDouble(this->textBox10-
>Text);
        a33=System::Convert::ToDouble(this->textBox11-
>Text);

```

```

a43=System::Convert::ToDouble (this->textBox12-
>Text);
a14=System::Convert::ToDouble (this->textBox13-
>Text);
a24=System::Convert::ToDouble (this->textBox14-
>Text);
a34=System::Convert::ToDouble (this->textBox15-
>Text);
a44=System::Convert::ToDouble (this->textBox16->Text);
b11=System::Convert::ToDouble (this->textBox17->Text);
b21=System::Convert::ToDouble (this->textBox18-
>Text);
b31=System::Convert::ToDouble (this->textBox19-
>Text);
b41=System::Convert::ToDouble (this->textBox20-
>Text);
b12=System::Convert::ToDouble (this->textBox21-
>Text);
b22=System::Convert::ToDouble (this->textBox22-
>Text);
b32=System::Convert::ToDouble (this->textBox23-
>Text);
b42=System::Convert::ToDouble (this->textBox24-
>Text);
b13=System::Convert::ToDouble (this->textBox25-
>Text);
b23=System::Convert::ToDouble (this->textBox26-
>Text);
b33=System::Convert::ToDouble (this->textBox27-
>Text);
b43=System::Convert::ToDouble (this->textBox28-
>Text);
b14=System::Convert::ToDouble (this->textBox29-
>Text);
b24=System::Convert::ToDouble (this->textBox30->Text);
b34=System::Convert::ToDouble (this->textBox31->Text);
b44=System::Convert::ToDouble (this->textBox32->Text);
c11=a11*b11+a12*b21+a13*b31+a14*b41;
c12=a11*b12+a12*b22+a13*b32+a14*b42;
c13=a11*b13+a12*b23+a13*b33+a14*b43;
c14=a11*b14+a12*b24+a13*b34+a14*b44;
c21=a21*b11+a22*b21+a23*b31+a24*b41;
c22=a21*b12+a22*b22+a23*b32+a24*b42;
c23=a21*b13+a22*b23+a23*b33+a24*b43;
c24=a21*b14+a22*b24+a23*b34+a24*b44;
c31=a31*b11+a32*b21+a33*b31+a34*b41;
c32=a31*b12+a32*b22+a33*b32+a34*b42;
c33=a31*b13+a32*b23+a33*b33+a34*b43;
c34=a31*b14+a32*b24+a33*b34+a34*b44;
c41=a41*b11+a42*b21+a43*b31+a44*b41;
c42=a41*b12+a42*b22+a43*b32+a44*b42;
c43=a41*b13+a42*b23+a43*b33+a44*b43;
c44=a41*b14+a42*b24+a43*b34+a44*b44;
this->textBox33-
>Text=System::Convert::ToString (c11);
this->textBox34-
>Text=System::Convert::ToString (c21);

```

```

        this->textBox35->Text=System::Convert::ToString(c31);
        this->textBox36->Text=System::Convert::ToString(c41);
        this->textBox37->Text=System::Convert::ToString(c12);
        this->textBox38->Text=System::Convert::ToString(c22);
        this->textBox39->Text=System::Convert::ToString(c32);
        this->textBox40->Text=System::Convert::ToString(c42);
        this->textBox41->Text=System::Convert::ToString(c13);
        this->textBox42->Text=System::Convert::ToString(c23);
        this->textBox43->Text=System::Convert::ToString(c33);
        this->textBox44->Text=System::Convert::ToString(c43);
        this->textBox45->Text=System::Convert::ToString(c14);
        this->textBox46->Text=System::Convert::ToString(c24);
        this->textBox47->Text=System::Convert::ToString(c34);
        this->textBox48->Text=System::Convert::ToString(c44);
    }
private: System::Void Form1_Load(System::Object^ sender,
System::EventArgs^ e) {
    }
private: System::Void button2_Click(System::Object^ sender,
System::EventArgs^ e) {
    this->textBox1->Text="";
    this->textBox2->Text="";
    this->textBox3->Text="";
    this->textBox4->Text="";
    this->textBox5->Text="";
    this->textBox6->Text="";
    this->textBox7->Text="";
    this->textBox8->Text="";
    this->textBox9->Text="";
    this->textBox10->Text="";
    this->textBox11->Text="";
    this->textBox12->Text="";
    this->textBox13->Text="";
    this->textBox14->Text="";
    this->textBox15->Text="";
    this->textBox16->Text="";
    this->textBox17->Text="";
    this->textBox18->Text="";
    this->textBox19->Text="";
    this->textBox20->Text="";
    this->textBox21->Text="";
    this->textBox22->Text="";
    this->textBox23->Text="";
    this->textBox24->Text="";
    this->textBox25->Text="";

```

```
this->textBox26->Text="";
this->textBox27->Text="";
this->textBox28->Text="";
this->textBox29->Text="";
this->textBox30->Text="";
this->textBox31->Text="";
this->textBox32->Text="";
this->textBox33->Text="";
this->textBox34->Text="";
this->textBox35->Text="";
this->textBox36->Text="";
this->textBox37->Text="";
this->textBox38->Text="";
this->textBox39->Text="";
this->textBox40->Text="";
this->textBox41->Text="";
this->textBox42->Text="";
this->textBox43->Text="";
this->textBox44->Text="";
this->textBox45->Text="";
this->textBox46->Text="";
this->textBox47->Text="";
this->textBox48->Text="";
```

```
}
```

```
};
}
```