

Visual Studio IDE showing the development of a Windows Forms application named "Calculator2000". The main window displays a calculator interface with input fields for "x" and "y", and buttons for arithmetic operations (+, -, *, /), percentage (%), and exponentiation (x^1/2). The "Form1.cs" file is open in the editor, showing the code for the calculator. The "Error List" pane shows several warnings and errors, including IDE0051 (Private member 'Form1.a' is unused), IDE0044 (Make field readonly), and IDE1006 (Naming rule violation: These words must begin with upper case). The "Diagnostics" pane shows a session of 17 seconds, with memory usage at 16 MB and CPU usage at 100%.

Process: [9388] Calculator2000.exe

Form1.cs [Design]

Scaling on your main display is set to 125%. Consider opening the WinForms Designer in DPI-Unaware Mode. Learn more...

Form1

Form1

Pezy

Pezy: 3

Autos

Search (Ctrl+E)

Name

Value

Type

Error List

Entire Solution

0 Errors

0 Warnings

10 Messages

Code

Description

Project

File

Line

Suppression State

IDE0051 Private member 'Form1.a' is unused

IDE0044 Make field readonly

IDE1006 Naming rule violation: These words must begin with upper case

Call Stack

Breakpoints

Exception Settings

Command Window

Immediate Window

Output

Error List

Ready

Поиск

Calculator2000...

WhatsApp

Tsuyaf/study, rp...

Form1

74%

8:55 AM

26-Nov-24

Visual Studio IDE showing the development of a Windows Forms application named "convert". The main window displays a temperature conversion interface with a dropdown menu for "Цельсий в Фаренгейт", an input field for "67", and a button labeled "button1". The "Form1.cs" file is open in the editor, showing the code for the conversion. The "Error List" pane shows a warning CA1822 (Member 'CelsiusToFahrenheit' does not access instance data and can be marked as static). The "Diagnostics" pane shows a session of 55 seconds, with memory usage at 16 MB and CPU usage at 100%.

Process: [18284] convert.exe

Form1.cs [Design]

convert

convertForm1

button1_Click(object sender, EventArgs e)

Form1

Цельсий в Фаренгейт

67

152.60 °F

button1

Autos

Search (Ctrl+E)

Name

Value

Type

Error List

Entire Solution

0 Errors

0 Warnings

4 Messages

Code

Description

Project

File

Line

Suppression State

CA1822 Member 'CelsiusToFahrenheit' does not access instance data and can be marked as static

Call Stack

Breakpoints

Exception Settings

Command Window

Immediate Window

Output

Error List

Ready

Поиск

convert (R...)

WhatsApp

Tsuyaf/stu...

калькулят...

2_547203...

Form1

62%

9:17 AM

26-Nov-24

Visual Studio interface showing the code editor for `Form1.cs` (Design view) and the `rand` namespace. The code defines a `Form1` class with a `Form1_Load` event handler. The event handler contains logic to generate random numbers and display them in a form.

```
namespace rand
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void Form1_Load(object sender, EventArgs e)
        {
            // ...
        }

        private void button1_Click_1(object sender, EventArgs e)
        {
            if (int.TryParse(textBox1.Text, out int min) &&
                int.TryParse(textBox2.Text, out int max) &&
                min < max)
            {
                Random random = new Random();
                int randomNumber = random.Next(min, max + 1);
                label1.Text = randomNumber.ToString();
            }
            else
            {
                MessageBox.Show("Помогите, введите корректные значения.");
            }
        }
    }
}
```

The `rand` namespace is defined. The `Form1` class is a partial class. The `Form1_Load` event handler is defined. The `button1_Click_1` event handler is defined. The `button1_Click_1` event handler contains logic to generate random numbers and display them in a form.

Diagnostic Tools: Diagnostics session: 51 seconds. Add counter graphs by checking counters from counter options. Events: II. Process Memory (MB): 16. CPU (% of all processors): 100. Summary: Events | Counters | Memory Usage | CP. Events: Show Events (0 of 0). Memory Usage: Take Snapshot. CPU Usage: Record CPU Profile.

Autos: Search (Ctrl+E). Name: Value: Type: Error List: Entire Solution. 0 Errors. 0 Warnings. 2 Messages. Build + IntelliSense. Search Error. Code: Description: Project: File: Line: Suppression State: IDE1006: Naming rule violation: These words must begin with upper case characters: button1_Click_1: rand: Form1.cs: 15: IDE0090: 'new' expression can be: rand: Form1.cs: 21: Call Stack: Breakpoints: Exception Settings: Command Window: Immediate Window: Output: Error List.

Ready. Add to Source Control. Select Repository. 11:08 AM 28-Nov-24.

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Diagnostic Tools: Diagnostics session: 35 seconds. Add counter graphs by checking counters from counter options. Events: II. Process Memory (MB): 16. CPU (% of all processors): 100. Summary: Events | Counters | Memory Usage | CP. Events: Show Events (0 of 0). Memory Usage: Take Snapshot. CPU Usage: Record CPU Profile.

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