

Project **MiniApps**.

Με τα κόκκινα είναι τα βήματα, με τα πράσινα είναι οι απαντήσεις του συστήματος

Windows PowerShell

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Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

```
PS D:\Portable\dotnet6\Projects> ..\dotnet.exe new winforms -n MiniApps
```

The template "Windows Forms App" was created successfully.

Processing post-creation actions...

Running 'dotnet restore' on D:\Portable\dotnet6\Projects\MiniApps\MiniApps.csproj...

Determining projects to restore...

Restored D:\Portable\dotnet6\Projects\MiniApps\MiniApps.csproj (in 51 ms).

Restore succeeded.

ΓΡΑΦΟΥΜΕ ΤΟΝ ΠΑΡΑΚΑΤΩ ΚΩΔΙΚΑ ΣΤΟ ΑΡΧΕΙΟ *Form1.cs*

```
using System;
```

```
using System.Drawing;
```

```
using System.Linq;
```

```
using System.Windows.Forms;
```

```
namespace MiniApps
```

```
{
```

```
    public partial class Form1 : Form
```

```
    {
```

```
        TextBox txtInput;
```

```
        Label lblResult;
```

```
        public Form1()
```

```
{
    this.Text = "Mini Apps";
    this.Size = new Size(400, 300);
    this.BackColor = Color.LightBlue;

    Label lblTitle = new Label()
    {
        Text = "Mini Apps (C#)",
        Font = new Font("Arial", 14, FontStyle.Bold),
        Location = new Point(100, 10),
        AutoSize = true
    };

    txtInput = new TextBox()
    {
        Location = new Point(50, 50),
        Width = 280
    };

    lblResult = new Label()
    {
        Text = "Result:",
        Location = new Point(50, 80),
        AutoSize = true,
        Font = new Font("Arial", 10, FontStyle.Bold)
    };

    // ⚡ MAX
    Button btnMax = new Button()
    {
        Text = "Max",
        Location = new Point(50, 120),
```

```

        Width = 120
    };
    btnMax.Click += BtnMax_Click;

    // ⇨ REVERSE
    Button btnReverse = new Button()
    {
        Text = "Reverse",
        Location = new Point(200, 120),
        Width = 120
    };
    btnReverse.Click += BtnReverse_Click;

    // ⇨ COUNT DIGITS
    Button btnDigits = new Button()
    {
        Text = "Count Digits",
        Location = new Point(125, 170),
        Width = 140
    };
    btnDigits.Click += BtnDigits_Click;

    this.Controls.Add(lblTitle);
    this.Controls.Add(txtInput);
    this.Controls.Add(lblResult);
    this.Controls.Add(btnMax);
    this.Controls.Add(btnReverse);
    this.Controls.Add(btnDigits);
}

// 1  Max (πολλοί αριθμοί με κενό)
private void BtnMax_Click(object sender, EventArgs e)

```

```
{
    try
    {
        var nums = txtInput.Text
            .Split(' ', StringSplitOptions.RemoveEmptyEntries)
            .Select(int.Parse)
            .ToArray();

        lblResult.Text = "Max: " + nums.Max();
    }
    catch
    {
        lblResult.Text = "Λάθος input!";
    }
}
```

```
// 2  Reverse
```

```
private void BtnReverse_Click(object sender, EventArgs e)
{
    try
    {
        string reversed = new string(txtInput.Text.Reverse().ToArray());
        lblResult.Text = "Reverse: " + reversed;
    }
    catch
    {
        lblResult.Text = "Λάθος input!";
    }
}
```

```
// 3  Count Digits
```

```
private void BtnDigits_Click(object sender, EventArgs e)
```

```
{
    try
    {
        lblResult.Text = "Digits: " + txtInput.Text.Length;
    }
    catch
    {
        lblResult.Text = "Λάθος input!";
    }
}
}
```

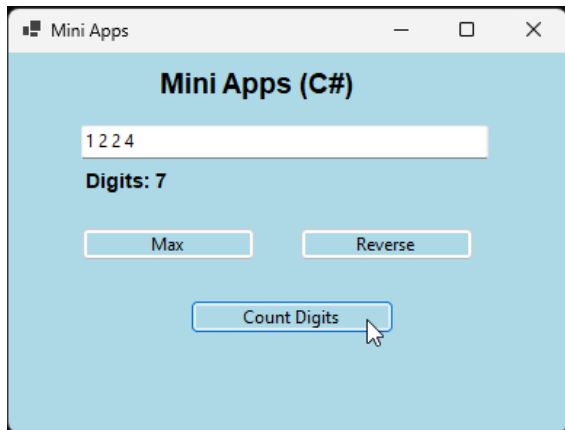
ΓΡΑΦΟΥΜΕ ΤΟΝ ΠΑΡΑΚΑΤΩ ΚΩΔΙΚΑ ΣΤΟ ΑΡΧΕΙΟ Program.cs

```
using System;
using System.Windows.Forms;

namespace MiniApps
{
    internal static class Program
    {
        [STAThread]
        static void Main()
        {
            ApplicationConfiguration.Initialize();
            Application.Run(new Form1());
        }
    }
}
```

```
PS D:\Portable\dotnet6\Projects> cd miniapps
```

```
PS D:\Portable\dotnet6\Projects\miniapps> ..\..\dotnet.exe run
```



Name	Date modified	Type	Size
bin	19/04/2026 11:19	File folder	
obj	19/04/2026 11:19	File folder	
ОΔΗΓΙΕΣ	19/04/2026 11:39	File folder	
Form1.cs	19/04/2026 11:06	C# Source File	4 KB
Form1.Designer.cs	19/04/2026 10:56	C# Source File	2 KB
MiniApps.csproj			
MiniApps.csproj.user			
Program.cs			

