

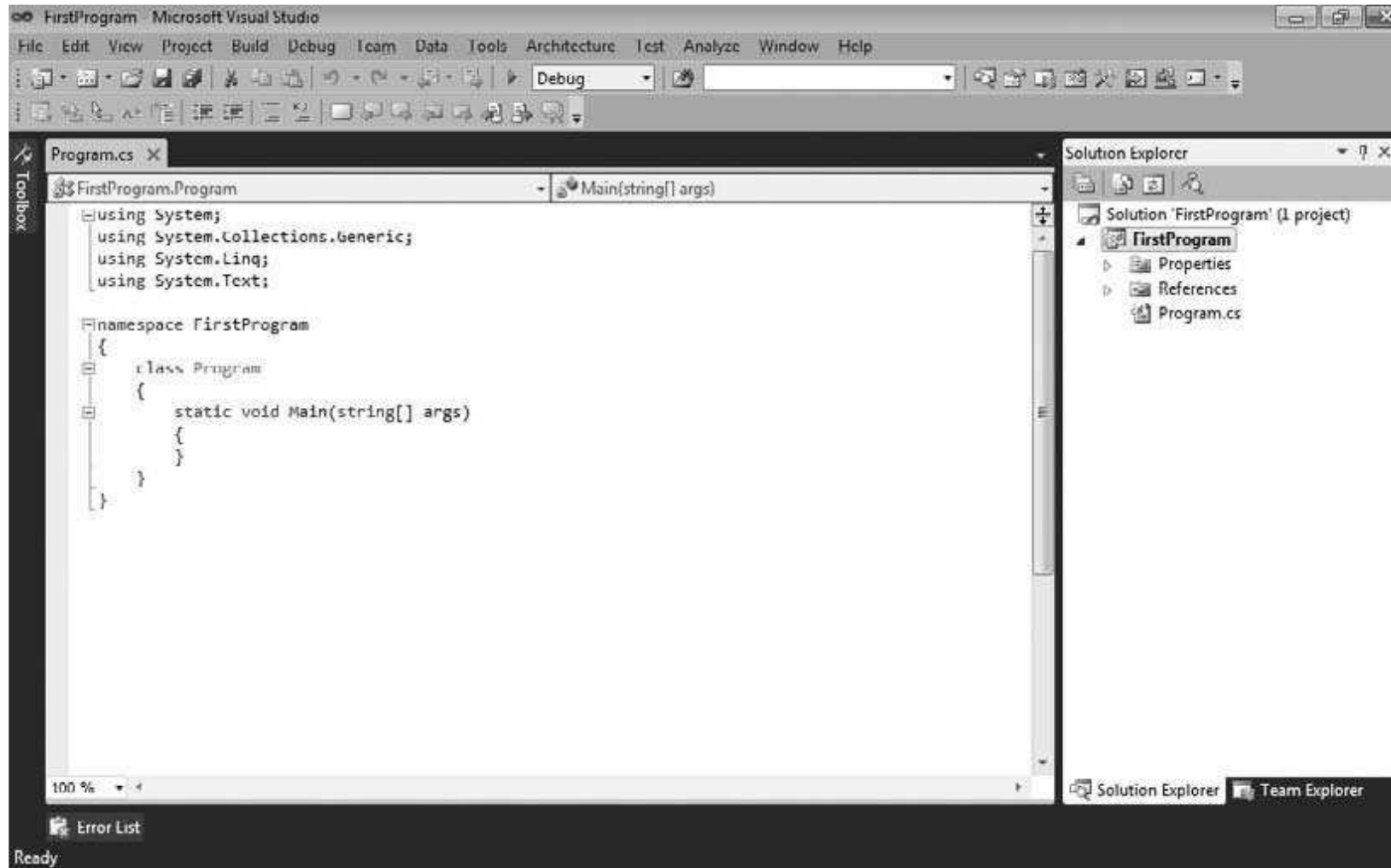
ویژوال استودیو



Visual
Studio

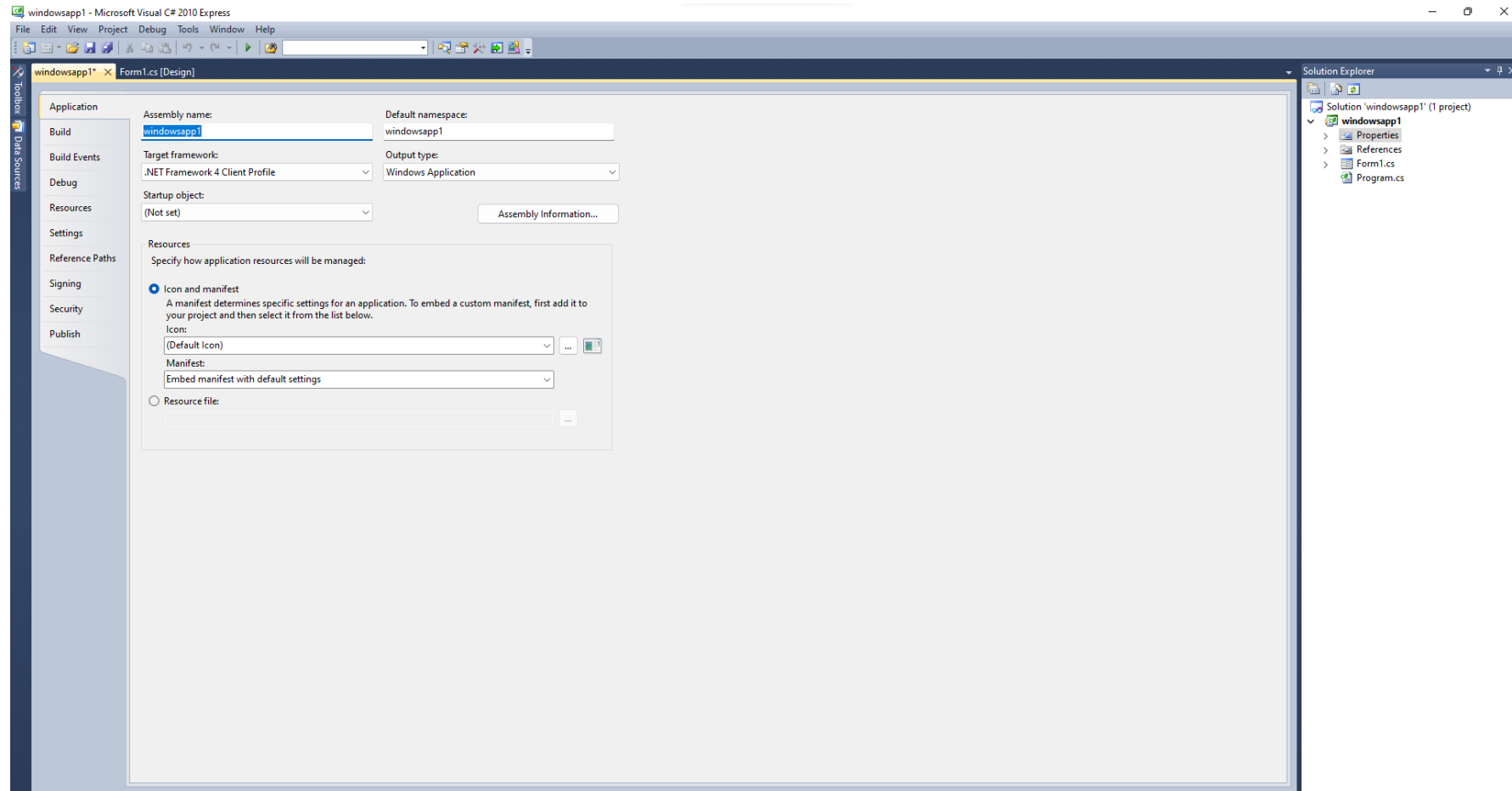
کاوه حقیقی

Solution Explorer



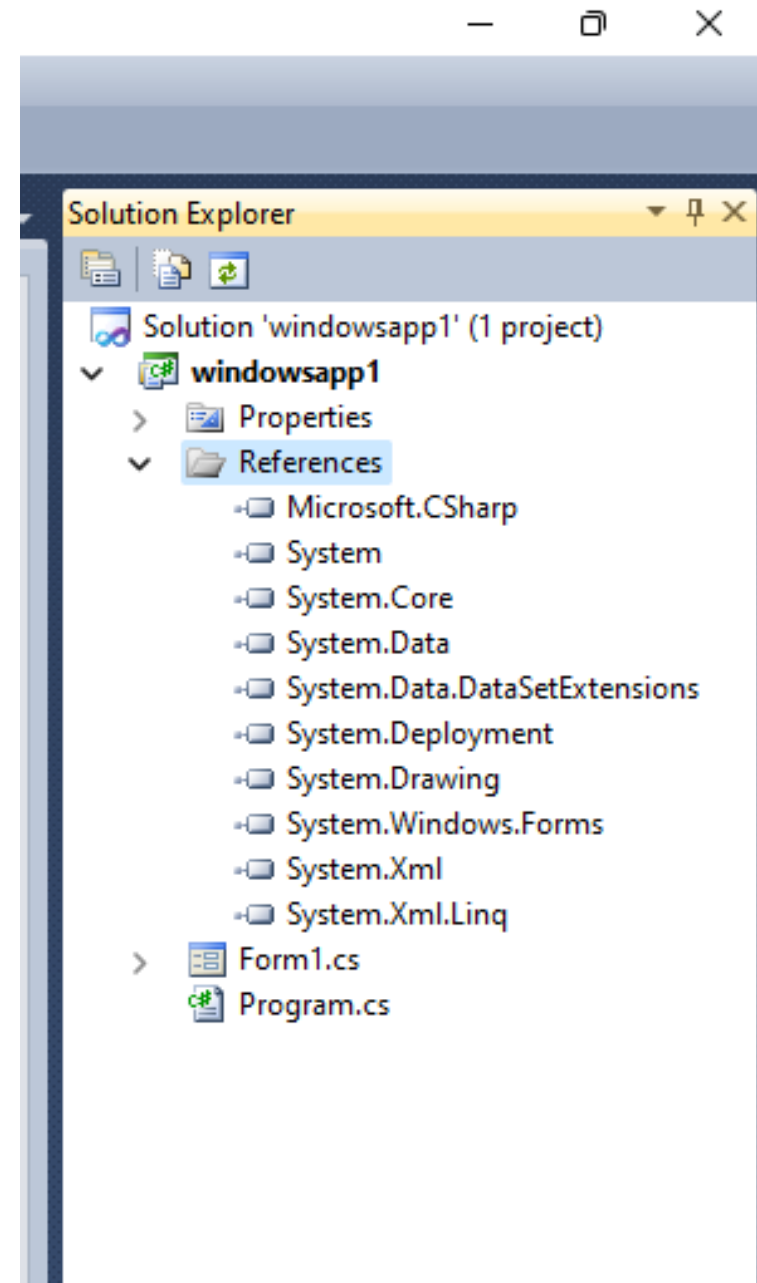
کاوه حقیقی - ویژوال استودیو

Properties



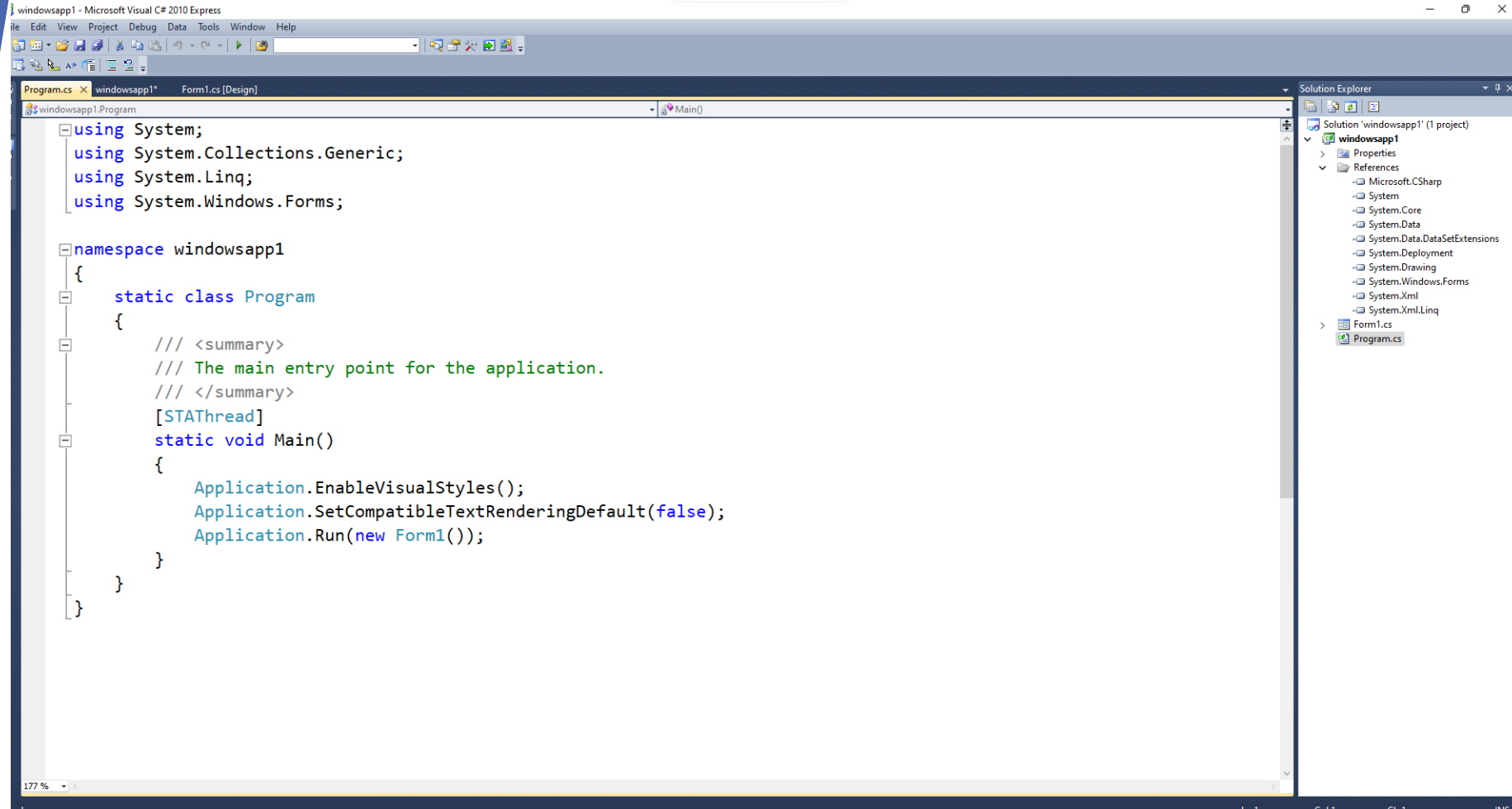
کاوه حقیقی - ویژوال استودیو

References



کاوه حقیقی - ویژوال استودیو

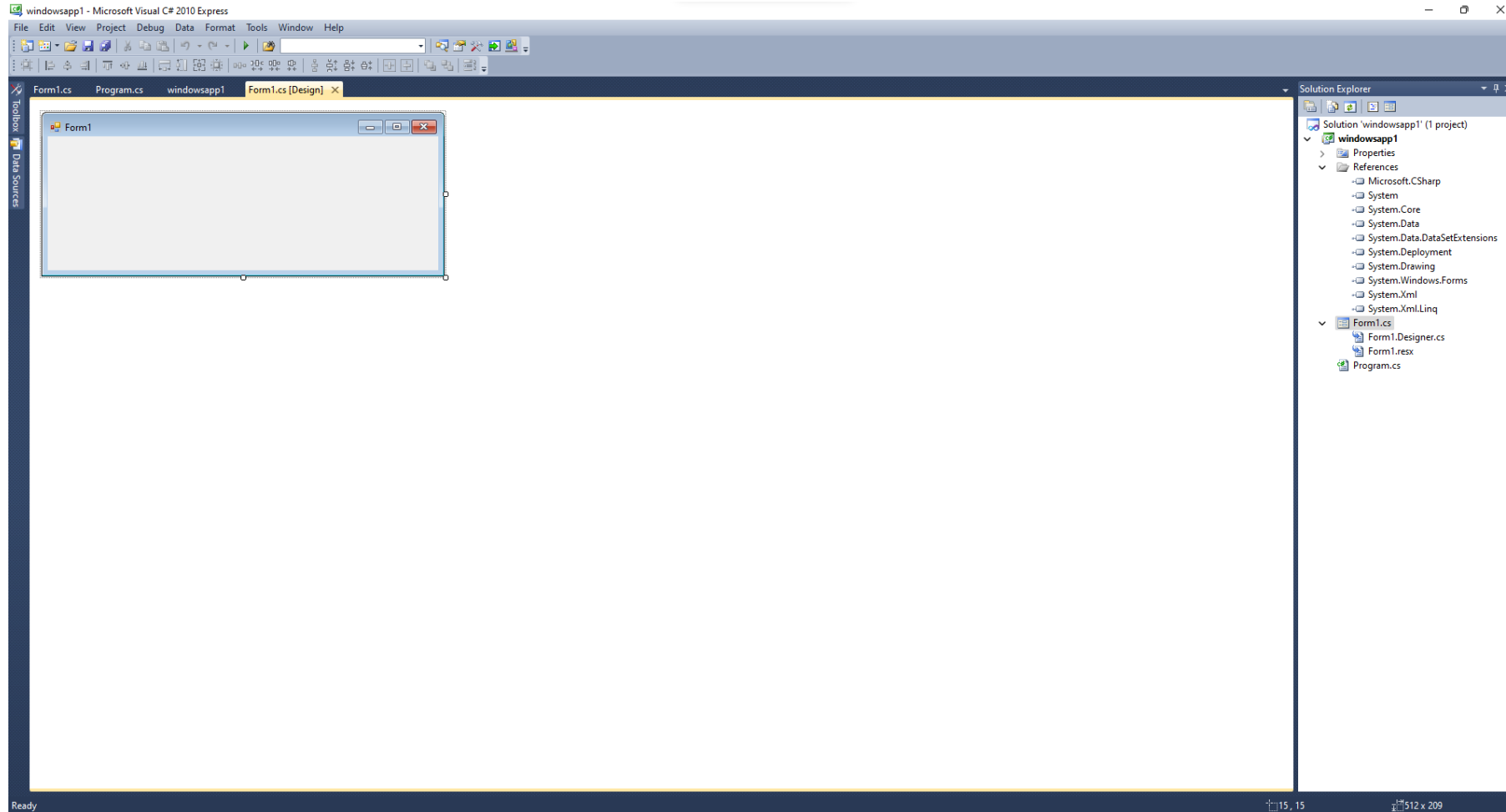
Program.cs



```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Windows.Forms;

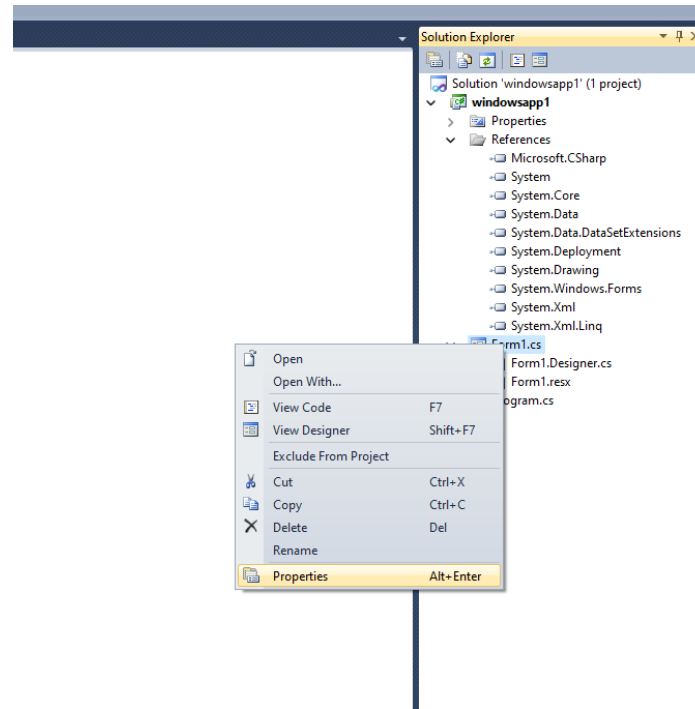
namespace windowsapp1
{
    static class Program
    {
        /// <summary>
        /// The main entry point for the application.
        /// </summary>
        [STAThread]
        static void Main()
        {
            Application.EnableVisualStyles();
            Application.SetCompatibleTextRenderingDefault(false);
            Application.Run(new Form1());
        }
    }
}
```

Form



کاوه حقیقی - ویژوال استودیو

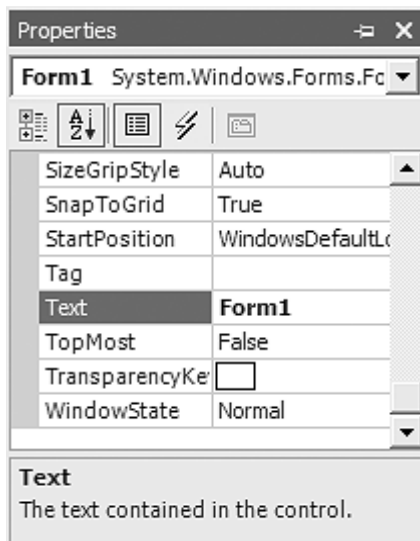
The Property Browser



کاوه حقیقی - ویژوال استودیو

The Property Browser

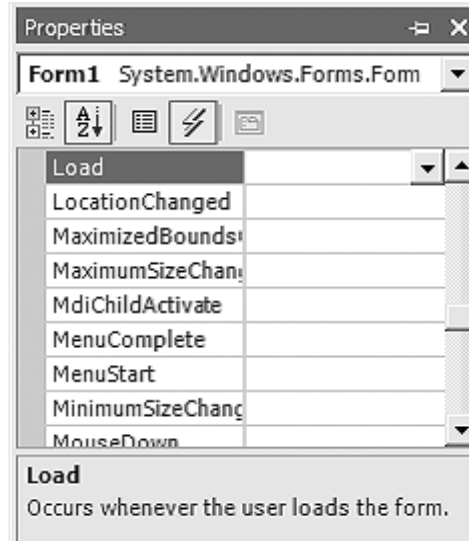
Form



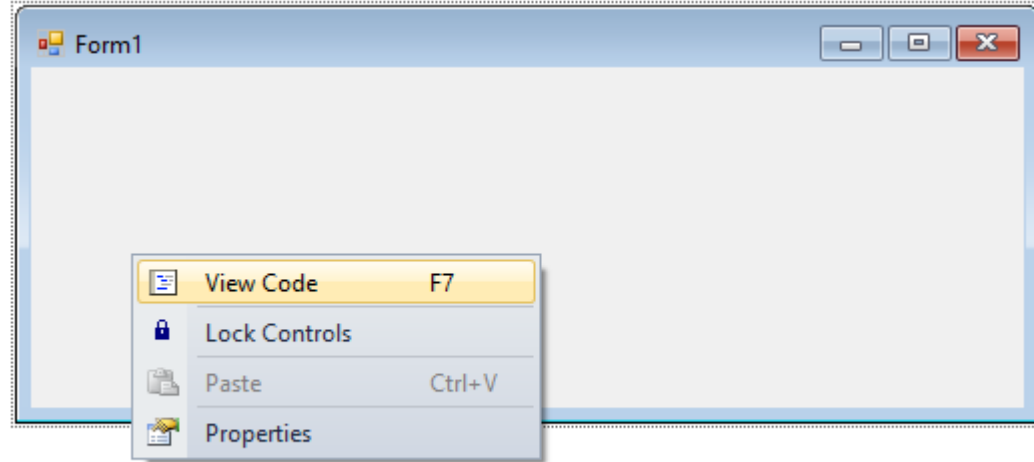
Name
Text
Start Position
Font
Size
Icon
Location
Auto Scale Mode
Auto Scroll
backColor
Background image

Background image Color
Cursor
Enabled
Form Border Style
Locked
Opacity
Right To left
Top Most

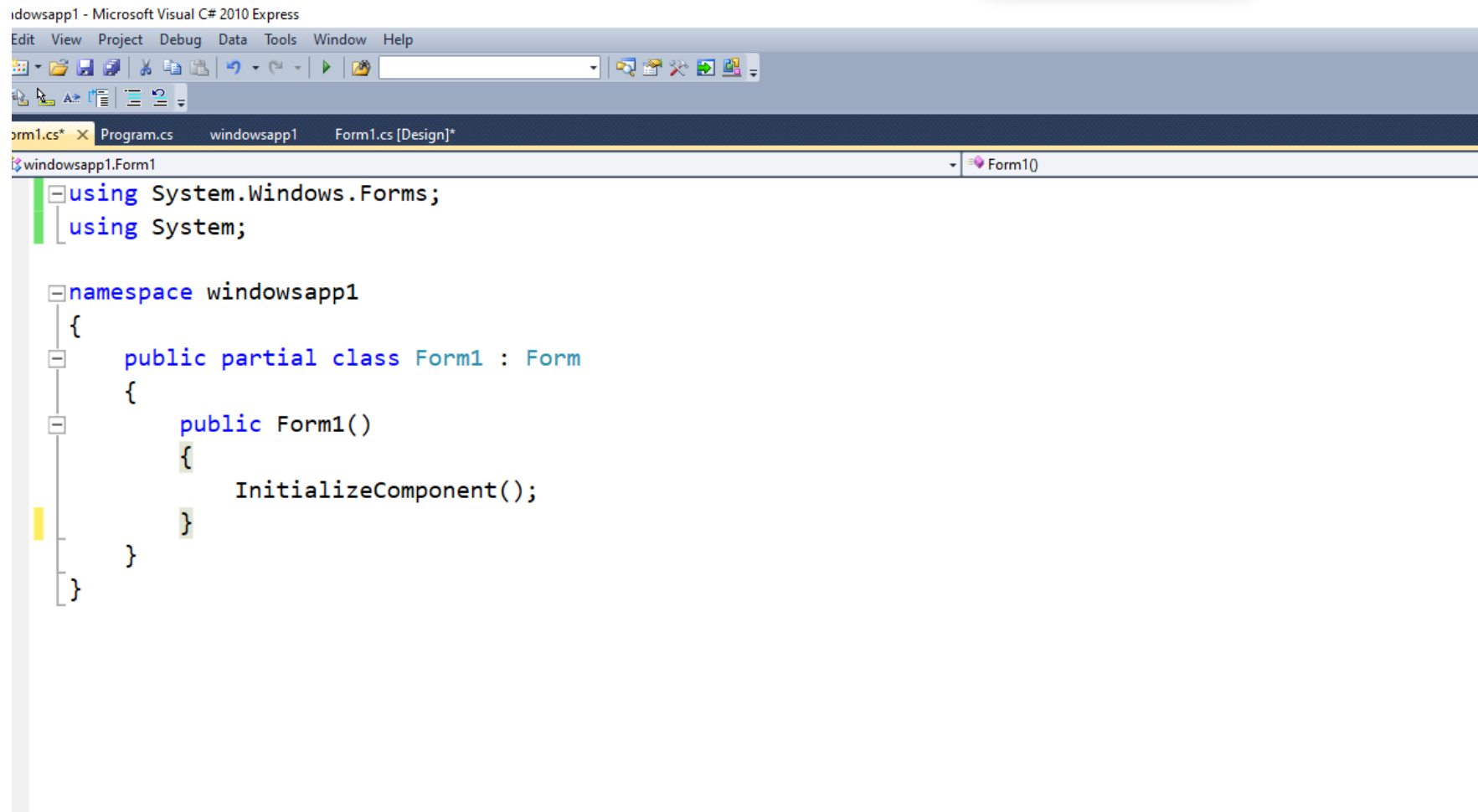
List of Events



Form Code Behind



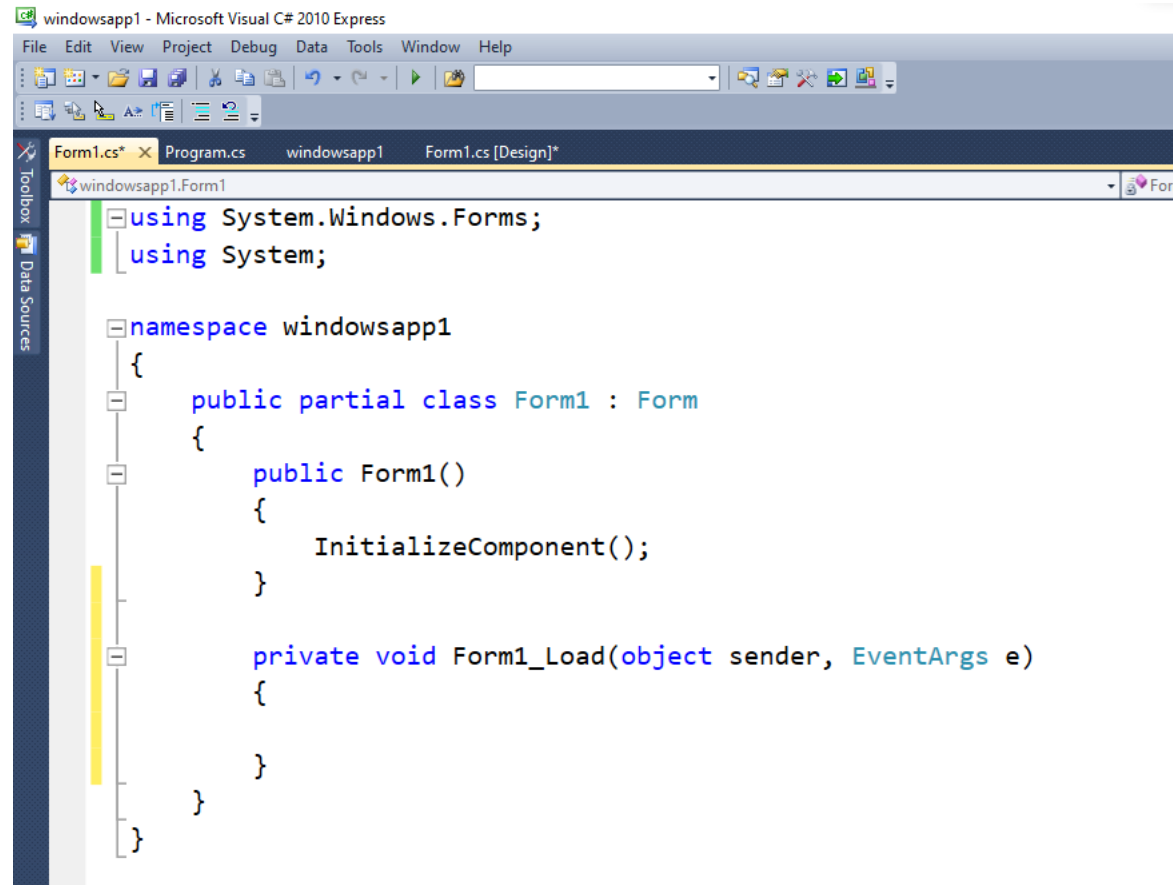
Form Code Behind



```
idowsapp1 - Microsoft Visual C# 2010 Express
Edit View Project Debug Data Tools Window Help
Form1.cs* x Program.cs windowsapp1 Form1.cs [Design]*
windowsapp1.Form1 Form1()
using System.Windows.Forms;
using System;

namespace windowsapp1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
    }
}
```

Form Code Behind Add Event



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

namespace windowsapp1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

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

قواعد دستوری

Case Sensitivity

;	semicolon
{ }	Brace
""	Double quotation
[]	Brackets

در ادامه...

Data Types
Methods
Class
NameSpace

Data Types (Variables)

انواع داده یا متغیر چیست؟
چرا به متغیر نیاز داریم؟

متغیرهای ساده

int

string

bool

double

Declaring variables Syntax

```
type variableName = value;
```

int Examples

```
int a = 5;
```

int Examples

```
int a;  
.  
.  
.  
a = 15;
```

int Examples

```
int myNum = 15;
```

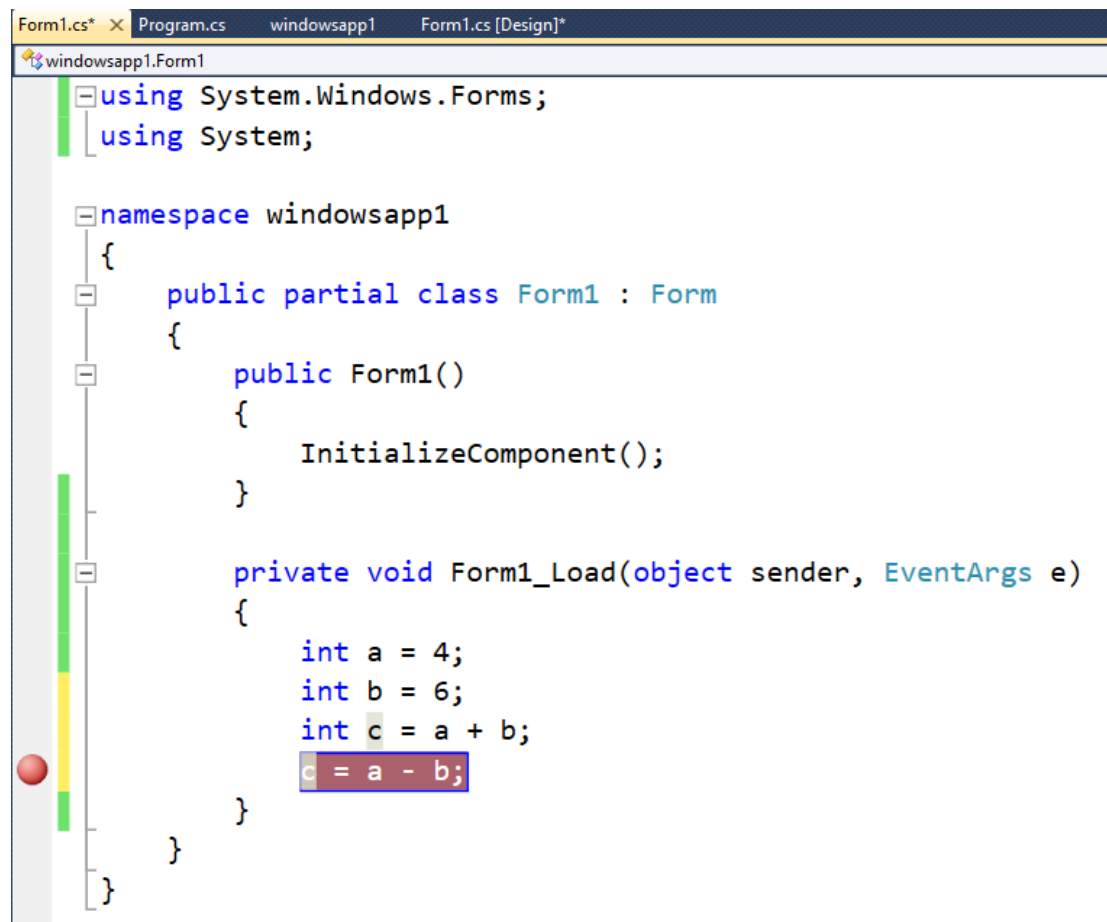
.

.

.

```
myNum = 20;
```

Debugging



```
Form1.cs* x Program.cs windowsapp1 Form1.cs [Design]*
windowsapp1.Form1
using System.Windows.Forms;
using System;

namespace windowsapp1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void Form1_Load(object sender, EventArgs e)
        {
            int a = 4;
            int b = 6;
            int c = a + b;
            c = a - b;
        }
    }
}
```

کاوه حقیقی - ویژوال استودیو

String Examples

```
string s = "kaveh";
```

send value to Components

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

namespace windowsapp1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void Form1_Load(object sender, EventArgs e)
        {
            lblinfo.Text = "5";
        }
    }
}
```

Get value from Components

```
namespace windowsapp1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void Form1_Load(object sender, EventArgs e)
        {
            string s = lblinfo.Text;
        }
    }
}
```


Convert int to string

```
private void Form1_Load(object sender, EventArgs e)
{
    int a = 4;
    int b = 6;
    int c = a + b;
    c = a - b;
    lblinfo.Text = Convert.ToString(a);
}
```

Convert string to int

```
private void Form1_Load(object sender, EventArgs e)
{
    int c;
    string s = "5";
    c = Convert.ToInt32(s);
}
}
```

intellisense

```
private void Form1_Load(object sender, EventArgs e)
{
    int a = 4;
    int b = 6;
    int c = a + b;
    c = a - b;
    string s = conv
}
```

class System.Convert
Converts a base data type to another base data type.

- BitConverter
- ColumnHeaderConverter
- Convert
- Converter<>
- ConvertEventArgs
- ConvertEventHandler
- CursorConverter
- DataGridPreferredColumnWidthTypeConverter
- DataGridViewCellStyleConverter

Errors 0 Warnings 0 Messages

Description

bool Examples

```
bool isActive = true;
```

double Examples

```
double d = 5.99;
```