



Form1.cs X

C: > Users > winn > Pictures > Lesson3\_ColorMixer > Form1.cs > ...

```
1 using System;
2 using System.Drawing;
3 using System.Windows.Forms;
4
5 namespace Lesson3_ColorMixer
6 {
7
8     //public class Form1 : Form
8     1 reference
9     public partial class Form1 : Form
10     {
11         3 references
12         TextBox txtColor;
13         6 references
14         Label lblResult;
15
16         0 references
17         public Form1()
18         {
19             this.Text = "Color Mixer";
20             this.Size = new Size(400, 300);
21             this.BackColor = Color.White;
22
23             Label lblTitle = new Label()
24             {
25                 Text = "Color Mixer",
26                 Font = new Font("Arial", 14, FontStyle.Bold),
27                 Location = new Point(120, 10),
28                 AutoSize = true
29             };
30
31             txtColor = new TextBox()
32             {
33                 Location = new Point(50, 60),
34                 Width = 280
35             };
36
37             lblResult = new Label()
38             {
39                 Text = "Type: red / green / blue",
```





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```

5 namespace Lesson3_ColorMixer
9     public partial class Form1 : Form
14         public Form1()
15         {
16             AutoSize = true;
17         };
18
19         txtColor = new TextBox()
20         {
21             Location = new Point(50, 60),
22             Width = 280
23         };
24
25         lblResult = new Label()
26         {
27             Text = "Type: red / green / blue",
28             Location = new Point(50, 100),
29             AutoSize = true
30         };
31
32         Button btnChange = new Button()
33         {
34             Text = "Change Color",
35             Location = new Point(110, 150),
36             Width = 150
37         };
38
39         btnChange.Click += (s, e) =>
40         {
41             string color = txtColor.Text.ToLower();
42
43             if (color == "red")
44             {
45                 this.BackColor = Color.Red;
46                 lblResult.Text = "Color changed to RED";
47             }
48             else if (color == "green")
49             {
50                 this.BackColor = Color.Green;
51                 lblResult.Text = "Color changed to GREEN";
52             }
53         }
54     }
55 }

```





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```

5  namespace Lesson3_ColorMixer
9      public partial class Form1 : Form
14         public Form1()
15         {
16             Width = 150
17         };
18
19         btnChange.Click += (s, e) =>
20         {
21             string color = txtColor.Text.ToLower();
22
23             if (color == "red")
24             {
25                 this.BackColor = Color.Red;
26                 lblResult.Text = "Color changed to RED";
27             }
28             else if (color == "green")
29             {
30                 this.BackColor = Color.Green;
31                 lblResult.Text = "Color changed to GREEN";
32             }
33             else if (color == "blue")
34             {
35                 this.BackColor = Color.Blue;
36                 lblResult.Text = "Color changed to BLUE";
37             }
38             else
39             {
40                 lblResult.Text = "Unknown color!";
41             }
42         };
43
44         this.Controls.Add(lblTitle);
45         this.Controls.Add(txtColor);
46         this.Controls.Add(lblResult);
47         this.Controls.Add(btnChange);
48     }
49 }

```



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