

Test Analyze Tools Extensions Window Help

Search validation

Any CPU Start ▶

validation.Form1

```
1 reference
private void button1_Click(object sender, EventArgs e)
{
    string username = textBox1.Text;
    string password = textBox2.Text;

    if (string.IsNullOrWhiteSpace(username))
    {
        MessageBox.Show("Please enter a proper username.");
        return;
    }

    if (string.IsNullOrWhiteSpace(password))
    {
        MessageBox.Show("Please enter a proper password.");
        return;
    }

    if (username.Any(char.IsWhiteSpace))
    {
        MessageBox.Show("Username can't contain whitespace.");
        return;
    }

    if (password.Any(char.IsWhiteSpace))
    {
        MessageBox.Show("Password can't contain whitespace.");
        return;
    }

    if (password.Length > 14 || password.Length < 8)
    {
        MessageBox.Show("Password must be between 8 and 14 characters.");
        return;
    }

    if (!password.Any(char.IsUpper))
    {
        MessageBox.Show("Password must contain at least one uppercase letter.");
        return;
    }

    if (!password.Any(char.IsLower))
    {
        MessageBox.Show("Password must contain at least one lowercase letter.");
        return;
    }

    MessageBox.Show("Validation successful!");
}
```

No issues found



Search



Any CPU

Start



Form1.cs [Design]

your main display is set to 125%. Restart Visual Studio with

username

password

```
77
78     conn.Close();
79 }
80
81
82 1 reference
83 private void Form1_Load(object sender, EventArgs e)
84 {
85     // TODO: This line of code loads data into the 'database1DataSet.gridViewTbl' table. You can move, or remove
86     this.gridViewTblTableAdapter.Fill(this.database1DataSet.gridViewTbl);
87
88 }
89
90 }
91 }
```

```
gridview
gridview.Form1
button1_Click(object sender, EventArgs e)
    UPDATE operation - button4_Click
    reference
    private void button4_Click(object sender, EventArgs e)
    {
        try
        {
            if (int.TryParse(textBox1.Text, out int id) &&
                int.TryParse(textBox3.Text, out int number) &&
                int.TryParse(textBox4.Text, out int age))
            {
                conn.Open();
                SqlCommand cnn = new SqlCommand("update gridviewTbl set name=@name, number=@number, age=@age where id=@id", conn);

                cnn.Parameters.AddWithValue("@id", id);
                cnn.Parameters.AddWithValue("@name", textBox2.Text);
                cnn.Parameters.AddWithValue("@number", number);
                cnn.Parameters.AddWithValue("@age", age);

                cnn.ExecuteNonQuery();
                MessageBox.Show("Data Updated");
            }
            else
            {
                MessageBox.Show("Please enter valid numeric values for ID, Number, and Age.");
            }
        }
        catch (Exception ex)
        {
            MessageBox.Show($"Error: {ex.Message}");
        }
        finally
        {
            conn.Close();
        }
    }
}

```

```
120  
121  
122 // SELECT operation - button3_Click  
2 references  
123     private void button3_Click(object sender, EventArgs e)  
124     {  
125         try  
126         {  
127             conn.Open();  
128             SqlCommand cnn = new SqlCommand("select * from gridViewTbl", conn);  
129  
130             SqlDataAdapter da = new SqlDataAdapter(cnn);  
131             DataTable table = new DataTable();  
132             da.Fill(table);  
133  
134             dataGridView1.DataSource = table; // Assign the table to DataGridView  
135         }  
136         catch (Exception ex)  
137         {  
138             MessageBox.Show($"Error: {ex.Message}");  
139         }  
140         finally  
141         {  
142             conn.Close();  
143         }  
144     }  
145
```

```
// INSERT operation - button1_Click
1 reference
private void button1_Click(object sender, EventArgs e)
{
    try
    {
        if (conn.State == ConnectionState.Closed) // Ensure connection is closed before opening
        {
            conn.Open();
        }

        // Check if the ID already exists
        SqlCommand checkId = new SqlCommand("select count(*) from gridviewTbl where id = @id", conn);
        checkId.Parameters.AddWithValue("@id", int.Parse(textBox1.Text));

        int count = (int)checkId.ExecuteScalar();
        if (count > 0)
        {
            MessageBox.Show("ID already exists. Please use a unique ID.");
            return; // Exit the method if the ID already exists
        }

        // Insert the new row if ID is unique
        SqlCommand cnn = new SqlCommand("insert into gridviewTbl (id, name, number, age) values (@id, @name, @number, @age)", conn);
        cnn.Parameters.AddWithValue("@id", int.Parse(textBox1.Text));
        cnn.Parameters.AddWithValue("@name", textBox2.Text);
        cnn.Parameters.AddWithValue("@number", int.Parse(textBox3.Text));
        cnn.Parameters.AddWithValue("@age", int.Parse(textBox4.Text));

        cnn.ExecuteNonQuery();
        MessageBox.Show("Data Added");

        // Refresh DataGridView
        button3_Click(sender, e);
    }
    catch (Exception ex)
    {
        MessageBox.Show($"Error: {ex.Message}");
    }
    finally
    {
        if (conn.State == ConnectionState.Open) // Ensure the connection is closed
        {
            conn.Close();
        }
    }
}
```

```
// DELETE operation - button2_Click  
private void button2_Click(object sender, EventArgs e)  
{  
    try  
    {  
        // Trim the input to remove any leading or trailing spaces  
        string input = textBox1.Text.Trim();  
  
        if (string.IsNullOrEmpty(input))  
        {  
            MessageBox.Show("ID field cannot be empty.");  
            return;  
        }  
  
        if (int.TryParse(input, out int id))  
        {  
            conn.Open();  
            SqlCommand cnn = new SqlCommand("delete from gridviewTbl where id=@id", conn);  
            cnn.Parameters.AddWithValue("@id", id);  
  
            int rowsAffected = cnn.ExecuteNonQuery();  
            if (rowsAffected > 0)  
            {  
                MessageBox.Show("Data Deleted.");  
            }  
            else  
            {  
                MessageBox.Show("ID not found in the database.");  
            }  
        }  
        else  
        {  
            MessageBox.Show("Please enter a valid numeric ID.");  
        }  
    }  
    catch (Exception ex)  
    {  
        MessageBox.Show($"Error: {ex.Message}");  
    }  
    finally  
    {  
        conn.Close();  
    }  
}
```

id	<input type="text"/>
name	<input type="text"/>
number	<input type="text"/>
age	<input type="text"/>
	<input type="button" value="add"/>
	<input type="button" value="delete"/>
	<input type="button" value="show"/>
	<input type="button" value="update"/>

```
46
47
48 SqlCommand cnn = new SqlCommand("insert into gridviewTbl (id, name, number, age) va
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
```

```
        cnn.Parameters.AddWithValue("@id", int.Parse(textBox1.Text));
        cnn.Parameters.AddWithValue("@name", textBox2.Text);
        cnn.Parameters.AddWithValue("@number", int.Parse(textBox3.Text));
        cnn.Parameters.AddWithValue("@age", int.Parse(textBox4.Text));

        cnn.ExecuteNonQuery();
        MessageBox.Show("Data Added");

        // Refresh DataGridView
        button1_Click(sender, e);
```

No issues found

Search (Ctrl+E) Search Depth: Value Type

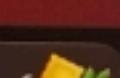
Locals Watch 1

ady

26°C
Haze



Search



```
1 reference
private void Form9_Load(object sender, EventArgs e)
{
    MenuStrip menuStrip = new MenuStrip();

    // Add a "File" menu with "Exit" item
    ToolStripMenuItem fileMenu = new ToolStripMenuItem("File");
    ToolStripMenuItem exitItem = new ToolStripMenuItem("Exit", null, Exit_Click);
    fileMenu.DropDownItems.Add(exitItem);

    // Add the "File" menu to the MenuStrip
    menuStrip.Items.Add(fileMenu);

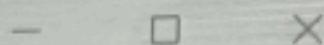
    // Add the MenuStrip to the form
    this.Controls.Add(menuStrip);
    this.MainMenuStrip = menuStrip;
}

1 reference
private void Exit_Click(object sender, EventArgs e)
{
    Application.Exit(); // Close the application
}
```

Edit View Git Project Build Debug Test Analyze Tools Ex

Form6

ListView Example



ID	Name
11	Form9
12	File Exit

No issues found

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Search

```
1 reference
private void Form8_Load(object sender, EventArgs e)
{
    StatusStrip statusStrip = new StatusStrip();
    // Create a status label
    ToolStripStatusLabel statusLabel = new ToolStripStatusLabel("Ready");
    statusStrip.Items.Add(statusLabel);

    // Create a progress bar
    ToolStripProgressBar progressBar = new ToolStripProgressBar();
    progressBar.Value = 100; // Set progress to 100%
    progressBar.Size = new System.Drawing.Size(100, 16); // Adjust size
    statusStrip.Items.Add(progressBar);

    // Add the StatusStrip to the form
    this.Controls.Add(statusStrip);

    // Create and configure a Button to navigate to Form9
    Button button = new Button();
    button.Text = "Go to Form9";
    button.Location = new Point(50, 50); // Set button position
    button.Click += Button_Click; // Attach event handler
    this.Controls.Add(button);
}
1 reference
private void Button_Click(object sender, EventArgs e)
{
    Form9 form9 = new Form9(); // Create an instance of Form9
    form9.Show(); // Show Form9
    this.Hide(); // Optional: Hide Form8
}
```

Edit View Git Project Build Debug Test Analyze Tools Extens

orm6

ListView Example

ID Form8

11
12

Go to Form9

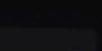
Ready

No issues found

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Search

File Edit View Git Project Build Debug Test Analyze Tools

Form8

Pr

Form

Form

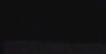
Ready

Autos

Search (Ctrl+E)



Search Depth



Name

Value

Autos Locals Watch 1

Ready



29°C

Haze



Search

1 reference

```
private void Form7_Load(object sender, EventArgs e)
{
    this.Text = "ListView Example";
    this.Size = new System.Drawing.Size(400, 300);

    ListView listView = new ListView();
    listView.View = View.Details;
    listView.Columns.Add("ID", 100);
    listView.Columns.Add("Name", 150);
    listView.Dock = DockStyle.Fill;

    // Adding items
    ListViewItem item1 = new ListViewItem(new[] { "11", "KYRE" });
    ListViewItem item2 = new ListViewItem(new[] { "12", "MORANT" });

    listView.Items.Add(item1);
    listView.Items.Add(item2);

    this.Controls.Add(listView);
```

File View Git Project Build Debug Test Analyze Tools

Form5

Form6

ID	Name
11	KYRE
12	MORANT

```
listv  
listv  
listv  
  
// Add  
ListV  
ListV
```

TOTAL DURATION
|||

No issues found



Search Depth

Value

Watch 1

```
ComboBox cb1 = new ComboBox();
1 reference
private void Form6_Load(object sender, EventArgs e)
{
    cb1.Location = new System.Drawing.Point(15, 15);
    cb1.Name = "ListItem";
    cb1.Size = new System.Drawing.Size(200, 200);
    cb1.BackColor = System.Drawing.Color.MistyRose;
    cb1.ForeColor = System.Drawing.Color.Black;
    cb1.Items.Add("JaM");
    cb1.Items.Add("kyre");
    cb1.Items.Add("kobe");
    cb1.Items.Add("luka");
    this.Controls.Add(cb1);
}
```

0 references

```
private void listBox1_SelectedIndexChanged(object sender, EventArgs e)
```

View Git Project Build Debug Format Test

n3

Form4

Form5

Form6

J
K
L
K

JaM
kyre
kobe
luka



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2

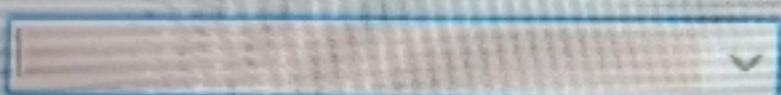
Form3

Form4

Form5

Form6

J
K
L
K



← → Search Depth:
Value

```
19     ListBox ListItem = new ListBox();
20
21     1 reference
22     private void Form5_Load(object sender, EventArgs e)
23     {
24         ListItem.Location = new System.Drawing.Point(15, 15);
25         ListItem.Name = "ListItem";
26         ListItem.Size = new System.Drawing.Size(200, 200);
27         ListItem.BackColor = System.Drawing.Color.MistyRose;
28         ListItem.ForeColor = System.Drawing.Color.Black;
29         ListItem.Items.Add("JA MORANT 12");
30         ListItem.Items.Add("KYRE IRVING 11");
31         ListItem.Items.Add("LUKA DONIC 77");
32         ListItem.Items.Add("KOBE BRYANT 8");
33         this.Controls.Add(ListItem);
34     }
```

```
35     1 reference
36     private void button2_Click(object sender, EventArgs e)
37     {
38         Form6 f6 = new Form6();
39         f6.Show();
40     }
41 }
```

n2

Form3

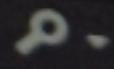
Form4

Form5

JA MORANT 12
KYRE IRVING 11
LUKA DONIC 77
KOBE BRYANT 8



E)



→ Search Depth
Value

```
15    public Form4()
16    {
17        InitializeComponent();
18
19        TreeView t = new TreeView();
20
21        t.Location = new System.Drawing.Point(300, 50);
22        t.Size = new System.Drawing.Size(350, 250);
23        this.Controls.Add(t);
24        t.Nodes.Add("PARENT 1");
25        t.Nodes[0].Nodes.Add("CHILD 1");
26        t.Nodes[0].Nodes.Add("CHILD 2");
27        t.Nodes[0].Nodes[1].Nodes.Add("GRAND CHILD 1");
28        t.Nodes[0].Nodes[1].Nodes.Add("GRAND CHILD 2");
29        t.Nodes[0].Nodes.Add("CHILD 3");
30        t.Nodes.Add("PARENT 2");
31    }
32
33    private void button2_Click(object sender, EventArgs e)
34    {
35        Form5 f5 = new Form5();
36        f5.Show();
37    }
38
39}
40
```

PARENT 1
CHILD 1
CHILD 2
GRAND CHILD 1
GRAND CHILD 2
CHILD 3
PARENT 2

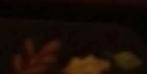
NEXT !!!

NEXT !!!

Type

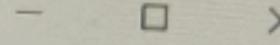
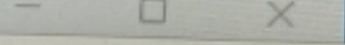


Search



```
0 1 reference
1 private void button1_Click(object sender, EventArgs e)
2 {
3     if (radioButton1.Checked)
4     {
5         this.BackColor = Color.MistyRose;
6     }
7     if (radioButton2.Checked)
8     {
9         this.BackColor = Color.LightBlue;
10    }
11    if (radioButton3.Checked)
12    {
13        this.BackColor = Color.LightYellow;
14    }
15 }
```

```
16
17 1 reference
18 private void button2_Click(object sender, EventArgs e)
19 {
20     Form4 f4 = new Form4();
21     f4.Show();
22 }
```



MISTY ROSE !!!

LIGHT BLUE !!!

LIGHT YELLOW !!

CHANGE
BACKGROUND
COLOR !!!

NEXT !!!

NE



← → Search Depth: ▾

Value

Type



Search



```
26  
27     1 reference  
28     private void button1_Click(object sender, EventArgs e)  
29     {  
30         DateTime d1, d2;  
31         TimeSpan duration;  
32         int days;  
33  
34         d1 = new DateTime();  
35         d2 = new DateTime();  
36  
37         d1 = dateTimePicker1.Value;  
38         d2 = dateTimePicker2.Value;  
39  
40         duration = d1 - d2;  
41         days = duration.Days;  
42         textBox1.Text = days.ToString() + " DAYS !! ";  
43  
44     }  
45  
46
```

File View Git Project Build Debug Test Analyze Tools Extensions Window

START DATE !!!

END DATE !!!

CALCULATE
DURATION
!!! 

TOTAL DURATION -31 DAYS !!

NEXT !!!

🔍 ← → Search Depth:
Value

Type

Batch 1



Search



```
1 reference
private void timer1_Tick(object sender, EventArgs e)
{
    progressBar1.Increment(1);
    if (progressBar1.Value >= 100)
    {
        timer1.Stop();
        MessageBox.Show("PROCESS COMPLETED !!!");
    }
}
```

I

```
1 reference
private void button1_Click(object sender, EventArgs e)
{
    timer1.Start();
}
```

```
1 reference
private void button2_Click(object sender, EventArgs e)
{
    timer1.Stop();
}
```

```
1 reference
private void button3_Click(object sender, EventArgs e)
{
    Form2 f2 = new Form2();
    f2.Show();
}
```

Build Debug Test Analyze Tools Extensions Window Help | Search program

Debug Any CPU Continue 🔥 📂 🏠 ⏪ ⏴ ⏵ ⏶ ⏷ ⏸ Stack Frame

Form5.cs Form5.cs [Design] Form4.cs Form4.cs [Design] Form3.cs

Start!!

Stop!!!

PROCESS COMPLETED !!!

NEXT !!!

OK

Search Depth: ▾

value

Type

Output

Show output from
'progressbar.'
'progressbar.'
'progressbar.'
'progressbar.'
'progressbar.'

Call Stack Break



Search

