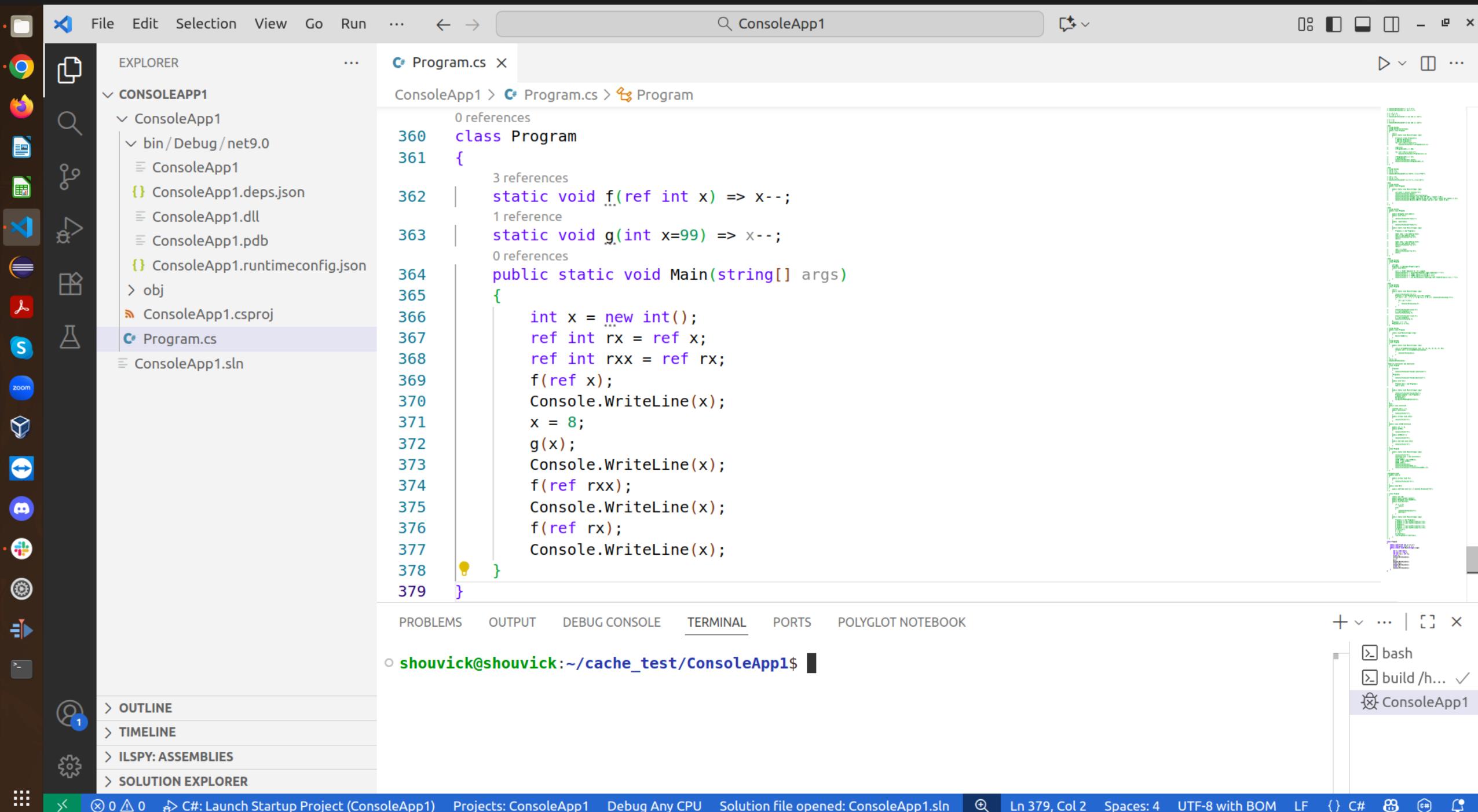


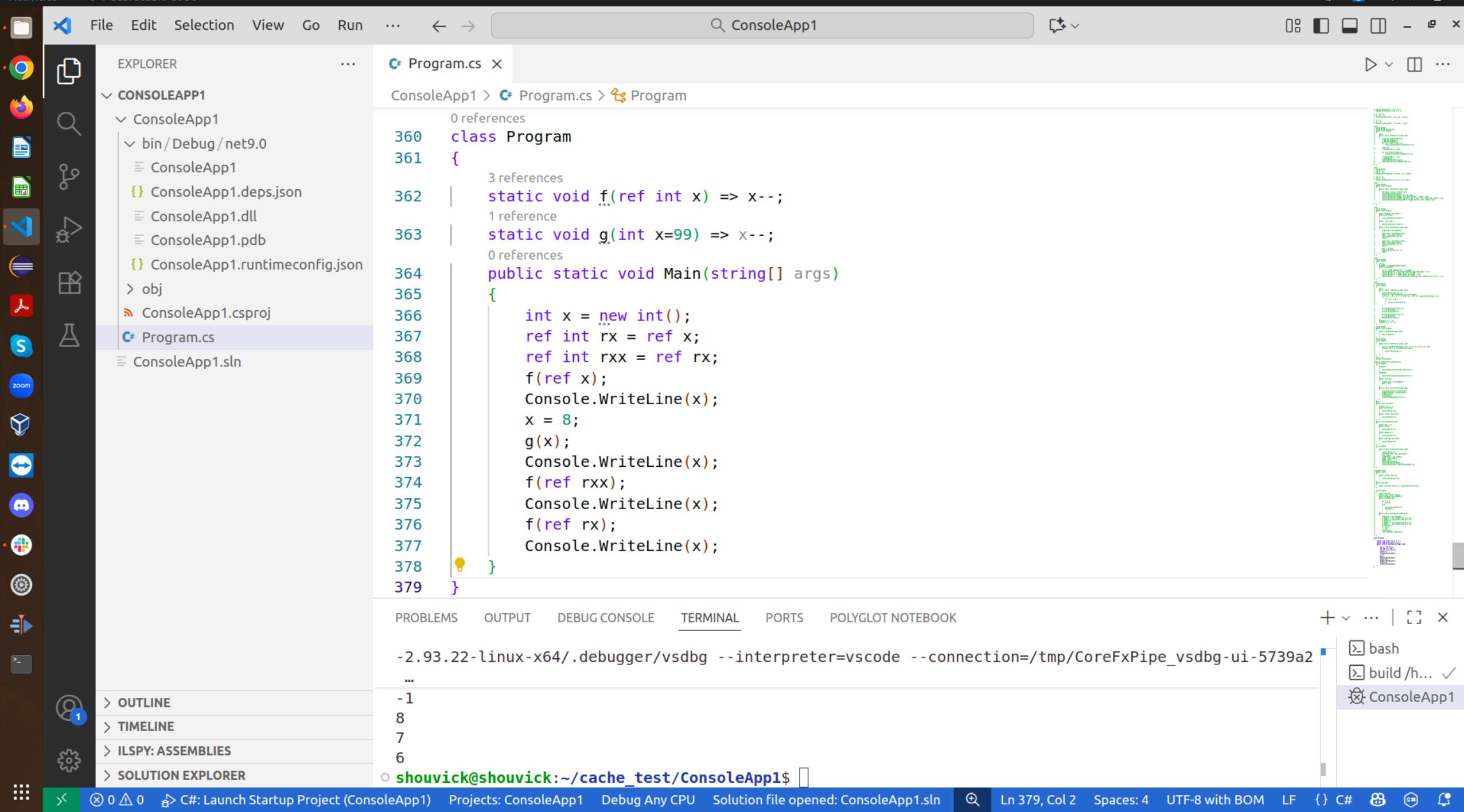
CS202: Software Tools and Techniques for CSE

Lecture 13

Shouvick Mondal

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August 2025





Toolbox

Search Toolbox

- PictureBox
- PrintDialog
- PrintDocument
- PrintPreviewControl
- PrintPreviewDialog
- Process
- ProgressBar
- PropertyGrid
- RadioButton
- RichTextBox
- SaveFileDialog
- SplitContainer
- Splitter
- StatusStrip
- TabControl
- TableLayoutPanel
- TextBox
- Timer
- ToolStrip
- ToolStripContainer
- ToolTip
- TrackBar
- TreeView
- VScrollBar

Common Controls

Containers

Menus & Toolbars

Data

Components

Printing

Dialogs

General

Server Explorer

Toolbox

WinFormsApp1

Form1.Designer.cs*

Form1.cs*

Form1.cs [Design]*

Program.cs

Form1.resx*

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 16:51 and took 00.536 seconds =====
```

Properties

Form1 System.Windows.Forms.Form

BackgroundImage	(none)
BackgroundImageLayout	Tile
Cursor	Default
Font	Segoe UI, 9pt
ForeColor	ControlText
FormBorderStyle	Sizable
RightToLeft	No
RightToLeftLayout	False
Text	Form1

Text

The text associated with the control.

Toolbox

Search Toolbox

- PictureBox
- PrintDialog
- PrintDocument
- PrintPreviewControl
- PrintPreviewDialog
- Process
- ProgressBar
- PropertyGrid
- RadioButton
- RichTextBox
- SaveFileDialog
- SplitContainer
- Splitter
- StatusStrip
- TabControl
- TableLayoutPanel
- TextBox
- Timer
- ToolStrip
- ToolStripContainer
- ToolTip
- TrackBar
- TreeView
- VScrollBar

Common Controls

Containers

Menus & Toolbars

Data

Components

Printing

Dialogs

General

Server Explorer

Toolbox

WinFormsApp1

Form1.Designer.cs*

Form1.cs*

Form1.cs [Design]*

Program.cs

Form1.resx*

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouwick\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======
===== Build completed at 16:51 and took 00.536 seconds ======
```

Properties

textBox1 System.Windows.Forms.TextBox

Tag

Design

- (Name) textBox1
- GenerateMember True
- Locked False
- Modifiers Private

Focus

- CausesValidation True

Layout

Text

The text associated with the control.

The screenshot shows the Microsoft Visual Studio IDE interface for a WinForms application named "WinFormsApp1".

Toolbox: Shows the "General" group with a note: "There are no usable controls in this group. Drag an item onto this text to add it to the toolbox."

Solution Explorer: Displays the solution structure:

- Solution "WinFormsApp1" (1 of 1 project)
 - WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Properties: Shows icons for file, folder, and key.

Output: Shows the build log:

```
1>WinFormsApp1 -> C:\Users\shouwick\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======
===== Build completed at 16:51 and took 00.536 seconds ======
```

Bottom Bar: Includes "Ready", "Type here to search" (with a Windows icon), and system status indicators (battery, signal, ENG, 17:02, 06-04-2025).

```
namespace WinFormsApp1
{
    partial class Form1
    {
        /// <summary> Required designer variable.
        private System.ComponentModel.IContainer components = null;

        /// <summary> Clean up any resources being used.
        protected override void Dispose(bool disposing) ...

        Windows Form Designer generated code

        private Button button1;
        private TextBox txtAge;
    }
}
```

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help | Search WinFormsApp1 GitHub Copilot

Toolbox

Search Toolbox

- PictureBox
- PrintDialog
- PrintDocument
- PrintPreviewControl
- PrintPreviewDialog
- Process
- ProgressBar
- PropertyGrid
- RadioButton
- RichTextBox
- SaveFileDialog
- SplitContainer
- Splitter
- StatusStrip
- TabControl
- TableLayoutPanel
- TextBox
- Timer
- ToolStrip
- ToolStripContainer
- ToolTip
- TrackBar
- TreeView
- VScrollBar

Common Controls

Containers

Menus & Toolbars

Data

Components

Printing

Dialogs

General

Server Explorer

Toolbox

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 16:51 and took 00.536 seconds =====
```

Form1.cs [Design]*

WinFormsApp1

Form1.Designer.cs*

Form1.cs*

Program.cs

Form1.resx*

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Properties

Form1 System.Windows.Forms.Form

- BackgroundImage (none)
- BackgroundImageLayout
- Cursor Default
- Font Segoe UI, 9pt
- ForeColor ControlText
- FormBorderStyle Sizable
- RightToLeft No
- RightToLeftLayout False
- Text VoterEligibilityTest

Text

The text associated with the control.

Ready

Type here to search

Add to Source Control

Select Repository

GitHub Copilot

17:03

ENG

06-04-2025

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help | Search WinFormsApp1 GitHub Copilot

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

WinFormsApp1 Form1 Form10

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

```
namespace WinFormsApp1
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void Form1_Load(object sender, EventArgs e)
        {

        }

        private void button1_Click(object sender, EventArgs e)
        {
            MessageBox.Show("button1 has was clicked!");
        }
    }
}
```

110% No issues found Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======

===== Build completed at 16:51 and took 00.536 seconds ======

Server Explorer Toolbox Error List Output

Add to Source Control Select Repository

Type here to search

Ready 17:05 06-04-2025 ENG

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help | Search WinFormsApp1 GitHub Copilot

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

C# WinFormsApp1 WinFormsApp1.Form1 InitializeComponent()

```
1  namespace WinFormsApp1
2  {
3      partial class Form1
4      {
5          /// <summary> Required designer variable.
6          private System.ComponentModel.IContainer components = null;
7
8          /// <summary> Clean up any resources being used.
9          protected override void Dispose(bool disposing)...
10
11         #region Windows Form Designer generated code
12
13         /// <summary>
14         /// Required method for Designer support - do not modify
15         /// the contents of this method with the code editor.
16         /// </summary>
17         private void InitializeComponent()
18         {
19             button1 = new Button();
20             txtAge = new TextBox();
21             SuspendLayout();
22
23             // 
24             // button1
25             //
26             button1.Location = new Point(162, 267);
27             button1.Name = "button1";
28             button1.Size = new Size(94, 29);
29
30             ...
31
32             ...
33
34
35             ...
36
37             ...
38
39         }
40
41         void Form1.InitializeComponent()
42         {
43             Required method for Designer support - do not modify the contents of this method with the code editor.
44         }
45     }
46 }
```

110 % No issues found Ln: 29 Ch: 41 SPC CRLF

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 16:51 and took 00.536 seconds =====
```

Server Explorer

Error List

Output

Add to Source Control

Select Repository

Type here to search

Ready

GitHub Copilot

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

Dependencies

Form1.cs

Form1.Designer.cs

Form1.resx

Program.cs

Properties

17:06

06-04-2025

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help | Search WinFormsApp1

GitHub Copilot

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs* Form1.cs [Design]* Program.cs

C# WinFormsApp1 WinFormsApp1.Form1 components

```
1 namespace WinFormsApp1
2 {
3     partial class Form1
4     {
5         /// <summary> Required designer variable.
6         private System.ComponentModel.IContainer components = null;
7
8         /// <summary> Clean up any resources being used.
9         protected override void Dispose(bool disposing)...
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39 }
```

110% No issues found Ln: 3 Ch: 12 SPC CRLF

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 16:51 and took 00.536 seconds =====
```

Server Explorer

Error List

Output

Add to Source Control

Select Repository

Type here to search

Ready

17:06 06-04-2025

Solution Explorer

Search Solution Explorer (Ctrl+;) Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

Dependencies

Form1.cs

Form1.Designer.cs

Form1.resx

Program.cs

Solution Explorer

Git Changes

Properties



GitHub Copilot

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

```
button1.TabIndex = 0;
button1.Text = "Click Me";
button1.UseVisualStyleBackColor = true;
button1.Click += button1_Click;
// 
// txtAge
//
txtAge.Location = new Point(238, 131);
txtAge.Name = "txtAge";
txtAge.Size = new Size(125, 27);
txtAge.TabIndex = 1;
// 
// Form1
//
AutoScaleDimensions = new SizeF(8F, 20F);
AutoScaleMode = AutoScaleMode.Font;
ClientSize = new Size(800, 450);
Controls.Add(txtAge);
Controls.Add(button1);
Name = "Form1";
Text = "VoterEligibilityTest";
Load += Form1_Load;
ResumeLayout(false);
PerformLayout();
}

#endregion
```

110% No issues found

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Solution Explorer Git Changes

Properties



Type here to search



File Edit View Git Project Build Debug Format Test Analyze Tools Extensions Window Help | Search WinFormsApp1

GitHub Copilot

Toolbox

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

VoterEligibilityTest

Click Me

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 16:51 and took 00.536 seconds =====

Error List Output

Ready

Type here to search

Solution Explorer

Search Solution Explorer (Ctrl+;) Solution 'WinFormsApp1' (1 of 1 project) WinFormsApp1 Dependencies Form1.cs Form1.Designer.cs Form1.resx Program.cs

Properties

Form1 System.Windows.Forms.Form

BackgroundImage (none)

BackgroundImageLayout Tile

Cursor Default

Font Segoe UI, 9pt

ForeColor ControlText

FormBorderStyle Sizable

RightToLeft No

RightToLeftLayout False

Text VoterEligibilityTest

The text associated with the control.

19, 19 818 x 497 Add to Source Control Select Repository 17:09 06-04-2025 ENG

File Edit View Git Project Build Debug Format Test Analyze Tools Extensions Window Help | Search WinFormsApp1

GitHub Copilot

Toolbox

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

VoterEligibilityTest

label1

Click Me

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll

===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====

===== Build completed at 17:10 and took 04.571 seconds =====

Error List Output

Ready

Type here to search

Solution Explorer

Search Solution Explorer (Ctrl+;) Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

Dependencies

Form1.cs

Form1.Designer.cs

Form1.resx

Program.cs

Properties

label1 System.Windows.Forms.Label

Font Segoe UI, 9pt

ForeColor ControlText

Image (none)

ImageAlign MiddleCenter

ImageIndex (none)

ImageKey (none)

ImageList (none)

RightToLeft No

Text label1

The text associated with the control.

182, 134 50 x 20 Add to Source Control Select Repository 17:11 06-04-2025

File Edit View Git Project Build Debug Format Test Analyze Tools Extensions Window Help | Search WinFormsApp1

GitHub Copilot

Toolbox

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

VoterEligibilityTest

Enter your age in years

Click Me

Search Toolbox

All Windows Forms

- Pointer
- BackgroundWorker
- BindingSource
- Button
- CheckBox
- CheckedListBox
- ColorDialog
- ComboBox
- ContextMenuStrip
- DataGridView
- DateTimePicker
- DomainUpDown
- ErrorProvider
- FileSystemWatcher
- FlowLayoutPanel
- FolderBrowserDialog
- FontDialog
- GroupBox
- HelpProvider
- HScrollBar
- ImageList
- Label
- LinkLabel
- ListBox
- ListView
- MaskedTextBox
- MenuStrip
- MonthCalendar
- NotifyIcon
- NumericUpDown
- OpenFileDialog

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:10 and took 04.571 seconds =====
```

Error List Output

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Properties

Form1 System.Windows.Forms.Form

BackgroundImage (none)

BackgroundImageLayout Tile

Cursor Default

Font Segoe UI, 9pt

ForeColor ControlText

FormBorderStyle Sizable

RightToLeft No

RightToLeftLayout False

Text VoterEligibilityTest

Text The text associated with the control.

Ready

Type here to search

19, 19 468 x 176

Add to Source Control Select Repository

17:11 06-04-2025

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help | Search WinFormsApp1 GitHub Copilot

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

Toolbox

Search Toolbox

All Windows Forms

- Pointer
- BackgroundWorker
- BindingSource
- Button
- CheckBox
- CheckedListBox
- ColorDialog
- ComboBox
- ContextMenuStrip
- DataGridView
- DateTimePicker
- DomainUpDown
- ErrorProvider
- FileSystemWatcher
- FlowLayoutPanel
- FolderBrowserDialog
- FontDialog
- GroupBox
- HelpProvider
- HScrollBar
- ImageList
- Label
- LinkLabel
- ListBox
- ListView
- MaskedTextBox
- MenuStrip
- MonthCalendar
- NotifyIcon
- NumericUpDown
- OpenFileDialog

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:10 and took 04.571 seconds =====

Error List Output

Add to Source Control Select Repository

Type here to search

Ready 17:12 06-04-2025 ENG

Font

label1 System.Windows.Forms.Label

Font Segoe UI, 9pt

ForeColor InfoText

Image (none)

ImageAlign MiddleCenter

ImageIndex (none)

ImageKey (none)

ImageList (none)

RightToLeft No

Text Enter your age in years

Font The font used to display text in the control.

File Edit View Git Project Build Debug Format Test Analyze Tools Extensions Window Help | Search WinFormsApp1

GitHub Copilot

Toolbox

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

VoterEligibilityTest

Enter your age in years

Click Me

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll

===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====

===== Build completed at 17:10 and took 04.571 seconds =====

Error List Output

Ready

Type here to search

Solution Explorer

Search Solution Explorer (Ctrl+;) Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

Dependencies

Form1.cs

Form1.Designer.cs

Form1.resx

Program.cs

Properties

label1 System.Windows.Forms.Label

Font Segoe UI, 9pt, style=

ForeColor InfoText

Image (none)

ImageAlign MiddleCenter

ImageIndex (none)

ImageKey (none)

ImageList (none)

RightToLeft No

Text Enter your age in years

17:12
06-04-2025

File Edit View Git Project Build Debug Format Test Analyze Tools Extensions Window Help | Search WinFormsApp1

GitHub Copilot

Toolbox

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

VoterEligibilityTest

Enter your age in years

Click Me

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll

===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====

===== Build completed at 17:10 and took 04.571 seconds =====

Error List Output

Ready

Type here to search

Solution Explorer

Search Solution Explorer (Ctrl+;) Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

Dependencies

Form1.cs

Form1.Designer.cs

Form1.resx

Program.cs

Properties

button1 System.Windows.Forms.Button

Font Segoe UI, 9pt

ForeColor ControlText

Image (none)

ImageAlign MiddleCenter

ImageIndex (none)

ImageKey (none)

ImageList (none)

RightToLeft No

Text Click Me

Font The font used to display text in the control.

167, 86 94 x 29

Add to Source Control Select Repository

17:12 06-04-2025 ENG

Screenshot of Microsoft Visual Studio IDE showing a WinForms application project.

Project: WinFormsApp1

Code Editor: Form1.cs [Design]*

```
4  {
5      public Form1()
6      {
7          InitializeComponent();
8      }
9
10     private void Form1_Load(object sender, EventArgs e)
11     {
12     }
13
14     private void button1_Click(object sender, EventArgs e)
15     {
16         //MessageBox.Show("button1 has was clicked!");
17     }
18 }
19
20 }
```

Solution Explorer:

- Solution 'WinFormsApp1' (1 of 1 project)
 - WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Properties:

Output Window:

```
110% No issues found
Show output from: Build
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:10 and took 04.571 seconds =====
```

Toolbox: Search Toolbox

Server Explorer: Ready

Error List:

GitHub Copilot:

System Tray: ENG 17:12 06-04-2025



GitHub Copilot

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

C# WinFormsApp1 WinFormsApp1.Form1 InitializeComponent()

```
1  namespace WinFormsApp1
2  {
3      partial class Form1
4      {
5          /// <summary> Required designer variable.
6          private System.ComponentModel.IContainer components = null;
7
8          /// <summary> Clean up any resources being used.
9          protected override void Dispose(bool disposing)...
10
11
12
13
14
15
16
17
18
19
20
21
22
23     Windows Form Designer generated code
24
25
26
27
28
29
30
31
32
33
34
35
36 }
```

110 % No issues found Ln: 52 Ch: 16 SPC CRLF

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:10 and took 04.571 seconds =====
```

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - C# Form1.Designer.cs
 - Form1.resx
 - C# Program.cs

Solution Explorer Git Changes

Properties



Type here to search





GitHub Copilot

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

C# WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

```
4 {  
5     public Form1()  
6     {  
7         InitializeComponent();  
8     }  
9  
10    private void Form1_Load(object sender, EventArgs e)  
11    {  
12    }  
13  
14    private void button1_Click(object sender, EventArgs e)  
15    {  
16        //MessageBox.Show("button1 has was clicked!");  
17        int input = int.Parse(txtAge.Text);  
18    }  
19}  
20}  
21}
```

int int.Parse(string s) (+ 7 overloads)
Converts the string representation of a number to its 32-bit signed integer equivalent.
Returns:
A 32-bit signed integer equivalent to the number contained in s.
Exceptions:
ArgumentNullException
FormatException
OverflowException
[GitHub Examples and Documentation \(Alt+O\)](#)

110% No issues found Ln: 18 Ch: 45 SPC CRLF

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll  
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======
```

Build completed at 17:10 and took 04.571 seconds

Solution Explorer

Search Solution Explorer (Ctrl+;)

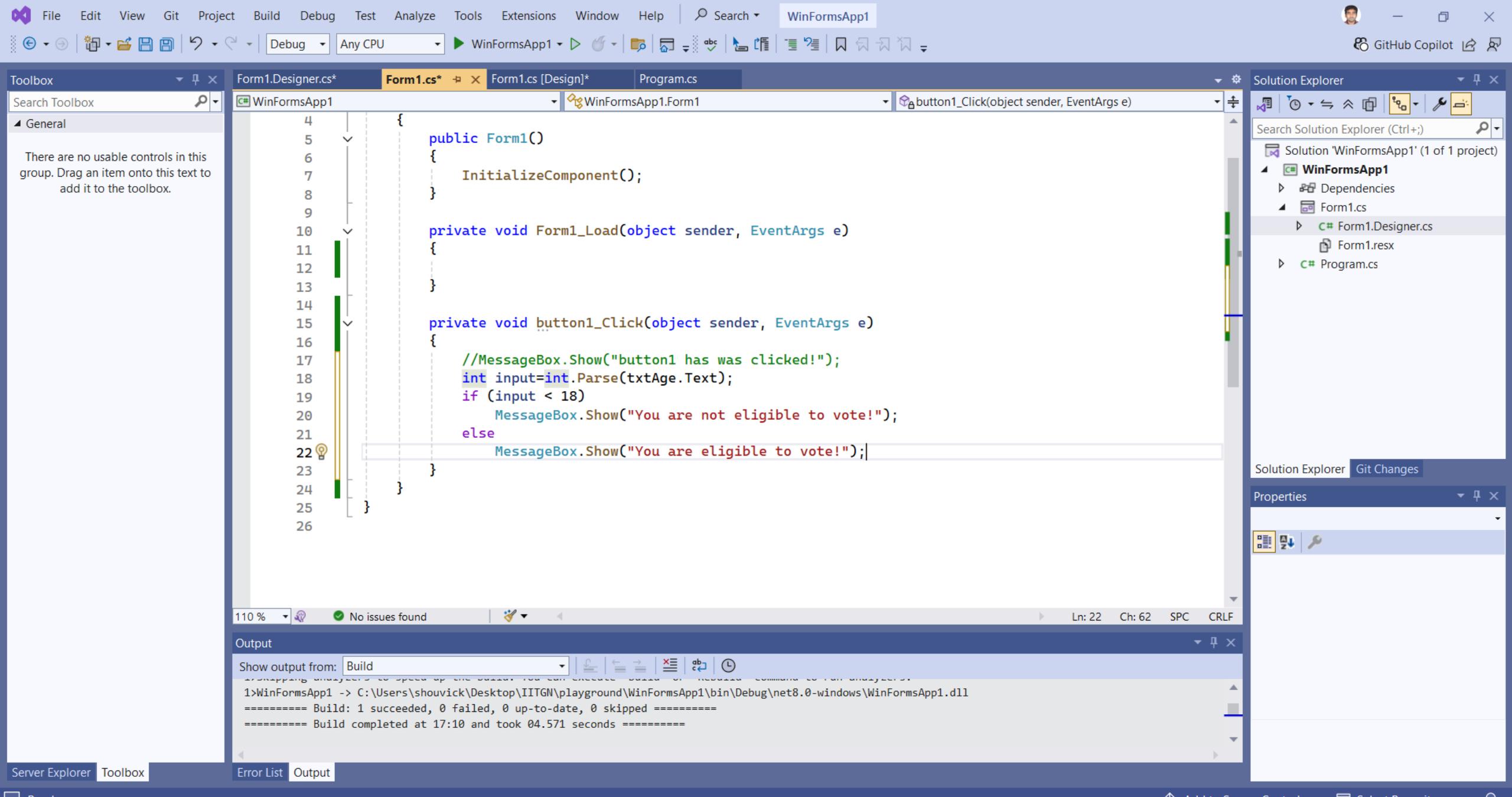
Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

- Dependencies
- Form1.cs
 - C# Form1.Designer.cs
 - Form1.resx
- C# Program.cs

Solution Explorer Git Changes

Properties



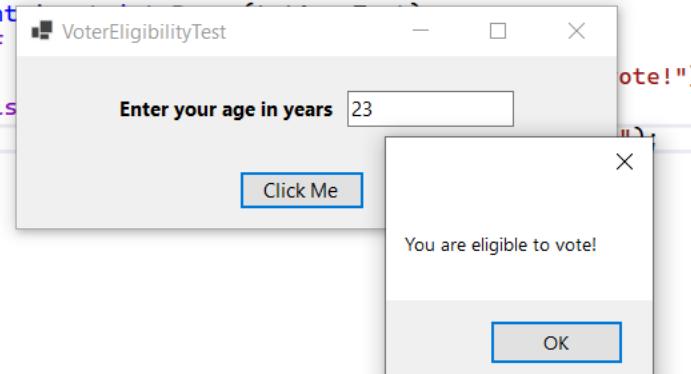
Toolbox

Search Toolbox

Form1.Designer.cs Form1.cs [Design] Program.cs

WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

```
4 {  
5     public Form1()  
6     {  
7         InitializeComponent();  
8     }  
9  
10    private void Form1_Load(object sender, EventArgs e)  
11    {  
12    }  
13  
14    private void button1_Click(object sender, EventArgs e)  
15    {  
16        //MessageBox.Show("button1 has was clicked!");  
17        int age = int.Parse(textBox1.Text);  
18        if (age >= 18)  
19        {  
20            MessageBox.Show("You are eligible to vote!");  
21        }  
22    }  
23 }  
24 }  
25 }  
26 }
```



110% No issues found Ln: 22 Ch: 62 SPC CRLF

Output

Show output from: Build
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:16 and took 00.584 seconds =====

Server Explorer Toolbox

Error List Output

167, 86

94 x 29

Add to Source Control Select Repository



Type here to search



Ready ENG 17:16 06-04-2025

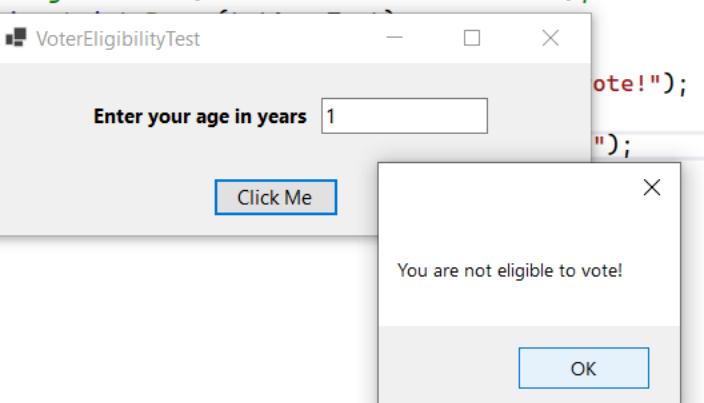
Toolbox

Search Toolbox

Form1.Designer.cs Form1.cs [Design] Program.cs

WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

```
4 {  
5     public Form1()  
6     {  
7         InitializeComponent();  
8     }  
9  
10    private void Form1_Load(object sender, EventArgs e)  
11    {  
12    }  
13  
14    private void button1_Click(object sender, EventArgs e)  
15    {  
16        //MessageBox.Show("button1 has was clicked!");  
17        int age = int.Parse(textBox1.Text);  
18        if (age >= 18)  
19        {  
20            MessageBox.Show("You are eligible to vote!");  
21        }  
22        else  
23        {  
24            MessageBox.Show("You are not eligible to vote!");  
25        }  
26    }  
}
```



Solution Explorer

Search Solution Explorer (Ctrl+;) GitHub Copilot

Solution 'WinFormsApp1' (1 of 1 project)
WinFormsApp1
Dependencies
Form1.cs
Form1.Designer.cs
Form1.resx
Program.cs

Solution Explorer Git Changes

Properties

Server Explorer Toolbox

Error List Output

167,86

94 x 29

Add to Source Control Select Repository



Type here to search



17:17

06-04-2025

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs Form1.cs [Design] Program.cs

```
C# WinFormsApp1
WinFormsApp1.Form1
button1_Click(object sender, EventArgs e)
```

4
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26

public Form1()
{
 InitializeComponent();
}

private void Form1_Load(object sender, EventArgs e)
{

}

private void button1_Click(object sender, EventArgs e)
{
 //MessageBox.Show("button1 has was clicked!");
 int age = int.Parse(textBox1.Text);
 if (age >= 18)
 MessageBox.Show("You are eligible to vote!");
 else
 MessageBox.Show("Enter your age in years " + age + " is not eligible to vote!");
}

110% No issues found

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:16 and took 00.584 seconds =====
```

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Solution Explorer Git Changes

Properties

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs Form1.cs [Design] Program.cs

```
C# WinFormsApp1
 4
 5
 6
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 8
 9
10
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12
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14
15
16
17
18
19
20
21
22
23
24
25
26
```

public Form1()
{
 InitializeComponent();
}

private void Form1_Load(object sender, EventArgs e)
{

}

private void button1_Click(object sender, EventArgs e)
{
 //MessageBox.Show("button1 has was clicked!");
 int age;
 if (int.TryParse(textBox1.Text, out age))
 {
 MessageBox.Show(\$"You are {age} years old!");
 }
 else
 {
 MessageBox.Show("Please enter a valid age.");
 }
}

VoterEligibilityTest

Enter your age in years

Click Me

VoterEligibilityTest

Unhandled exception has occurred in your application. If you click Continue, the application will ignore this error and attempt to continue. If you click Quit, the application will close immediately.

The input string " was not in a correct format.

Details Continue Quit

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======
===== Build completed at 17:16 and took 00.584 seconds ======

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

Dependencies

Form1.cs

Form1.Designer.cs

Form1.resx

Program.cs

Solution Explorer Git Changes

Properties



GitHub Copilot

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs Form1.cs [Design]* Program.cs

C# WinFormsApp1

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

private void button1_Click(object sender, EventArgs e)
{
    //MessageBox.Show("button1 has was clicked!");
    try
    {
        int input = int.Parse(txtAge.Text);
        if (input < 18)
            MessageBox.Show("You are not eligible to vote!");
        else
            MessageBox.Show("You are eligible to vote!");
    }
    catch(Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
}
```

110% No issues found Ln: 28 Ch: 44 SPC CRLF

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouwick\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:16 and took 00.584 seconds =====
```

Server Explorer Toolbox

Error List Output

↑ Add to Source Control ▾ Select Repository ▾



Type here to search



17:18

06-04-2025

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Solution Explorer Git Changes

Properties

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs Form1.cs [Design] Program.cs

```
C# WinFormsApp1
 10  private void Form1_Load(object sender, EventArgs e)
 11  {
 12  }
 13
 14
 15  private void button1_Click(object sender, EventArgs e)
 16  {
 17      //MessageBox.Show("button1 has was clicked!");
 18      try
 19      {
 20          int input = int.Parse(txtAge.Text);
 21          if (input < 18)
 22              MessageBox.Show("You are not eligible to vote!");
 23          else
 24              MessageBox.Show("You are eligible to vote!");
 25      }
 26      catch(Exception ex)
 27      {
 28          MessageBox.Show(ex.Message);
 29      }
 30  }
 31
 32
 33
```

110% No issues found

Output

```
Show output from: Build
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:18 and took 00.478 seconds =====
```

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Solution Explorer Git Changes

Properties

File Edit View Git Project Build Debug Format Test Analyze Tools Extensions Window Help | Search WinFormsApp1

GitHub Copilot

Toolbox

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

VoterEligibilityTest

Enter your age in years

Click Me

April, 2025

Mon	Tue	Wed	Thu	Fri	Sat	Sun
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4
5	6	7	8	9	10	11

Today: 06-04-2025

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:18 and took 00.478 seconds =====

Error List Output

Add to Source Control Select Repository

Ready

Type here to search

Solution Explorer

Search Solution Explorer (Ctrl+;) Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

Dependencies

Form1.cs

Form1.Designer.cs

Form1.resx

Program.cs

Properties

monthCalendar1 System.Windows.Forms.M

DateChanged

DateSelected

MouseCaptureChanged

Behavior

ChangeUICues

ControlAdded

ControlRemoved

HelpRequested

QueryAccessibilityHelp

DateSelected

Occurs when the user selects a date or a range of dates.

17:20 06-04-2025 ENG



GitHub Copilot

Toolbox ▾ X Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

```
C# WinFormsApp1
21     if (input < 18)
22         MessageBox.Show("You are not eligible to vote!");
23     else
24         MessageBox.Show("You are eligible to vote!");
25     }
26     catch (Exception ex)
27     {
28         MessageBox.Show(ex.Message);
29     }
30
31     private void monthCalendar1_DateSelected(object sender, DateRangeEventArgs e)
32     {
33     }
34 }
35
36 }
37 }
```

110% No issues found Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:18 and took 00.478 seconds =====
```

Solution Explorer ▾ X

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Solution Explorer Git Changes

Properties ▾ X



GitHub Copilot

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

```
C# WinFormsApp1
12
13
14
15 private void button1_Click(object sender, EventArgs e)
16 {
17     //MessageBox.Show("button1 has was clicked!");
18     try
19     {
20         int input = int.Parse(txtAge.Text);
21         if (input < 18)
22             MessageBox.Show("You are not eligible to vote!");
23         else
24             MessageBox.Show("You are eligible to vote!");
25     }
26     catch (Exception ex)
27     {
28         MessageBox.Show(ex.Message);
29     }
30 }
31
32 private void monthCalendar1_DateSelected(object sender, DateRangeEventArgs e)
33 {
34 }
35
36
37 }
```

110 % No issues found

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Solution Explorer Git Changes

Properties



GitHub Copilot

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

C# WinFormsApp1 WinFormsApp1.Form1 monthCalendar1

```
1  namespace WinFormsApp1
2  {
3      partial class Form1
4      {
5          /// <summary> Required designer variable.
6          private System.ComponentModel.IContainer components = null;
7
8          /// <summary> Clean up any resources being used.
9          protected override void Dispose(bool disposing)...
10
11
12
13
14
15
16
17
18
19
20
21
22
23  Windows Form Designer generated code
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43  private Button button1;
44  private TextBox txtAge;
45  private Label label1;
46  private MonthCalendar monthCalendar1;
47
48
49
50
51
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85
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87
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89
90
91
92
93  }
```

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - C# Form1.Designer.cs
 - Form1.resx
 - C# Program.cs

Solution Explorer Git Changes

Properties

110% No issues found Ln: 93 Ch: 45 SPC CRLF

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======

===== Build completed at 17:18 and took 00.478 seconds ======

Server Explorer Toolbox

Error List Output

↑ Add to Source Control Select Repository



Type here to search

17:22
06-04-2025

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help | Search WinFormsApp1 GitHub Copilot

Toolbox Form1.Designer.cs Form1.cs Form1.cs [Design] Program.cs

Search Toolbox All Windows Forms Pointer BackgroundWorker BindingSource Button CheckBox CheckedListBox ColorDialog ComboBox ContextMenuStrip DataGridView DateTimePicker DomainUpDown ErrorProvider FileSystemWatcher FlowLayoutPanel FolderBrowserDialog FontDialog GroupBox HelpProvider HScrollBar ImageList Label LinkLabel ListView MaskedTextBox MenuStrip MonthCalendar NotifyIcon NumericUpDown OpenFileDialog

VoterEligibilityTest Enter your age in years Click Me

Output Show output from: Build 1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll ===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ===== Build completed at 17:27 and took 00.516 seconds

Solution Explorer Search Solution Explorer (Ctrl+;) Solution 'WinFormsApp1' (1 of 1 project) WinFormsApp1 Dependencies Form1.cs Form1.Designer.cs Form1.resx Program.cs

Properties Form1 System.Windows.Forms.Form Action Click DoubleClick MouseCaptureChanged MouseClick MouseDoubleClick ResizeBegin ResizeEnd Scroll Click Occurs when the component is clicked.

Server Explorer ToolBox Error List Output Add to Source Control Select Repository

Type here to search

Ready 17:28 06-04-2025 ENG

File Edit View Git Project Build Debug Format Test Analyze Tools Extensions Window Help | Search WinFormsApp1 GitHub Copilot

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

Toolbox

Search Toolbox

All Windows Forms

- Pointer
- BackgroundWorker
- BindingSource
- Button
- CheckBox
- CheckedListBox
- ColorDialog
- ComboBox
- ContextMenuStrip
- DataGridView
- DateTimePicker
- DomainUpDown
- ErrorProvider
- FileSystemWatcher
- FlowLayoutPanel
- FolderBrowserDialog
- FontDialog
- GroupBox
- HelpProvider
- HScrollBar
- ImageList
- Label
- LinkLabel
- ListBox
- ListView
- MaskedTextBox
- MenuStrip
- MonthCalendar
- NotifyIcon
- NumericUpDown
- OpenFileDialog

Server Explorer

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:27 and took 00.516 seconds =====
```

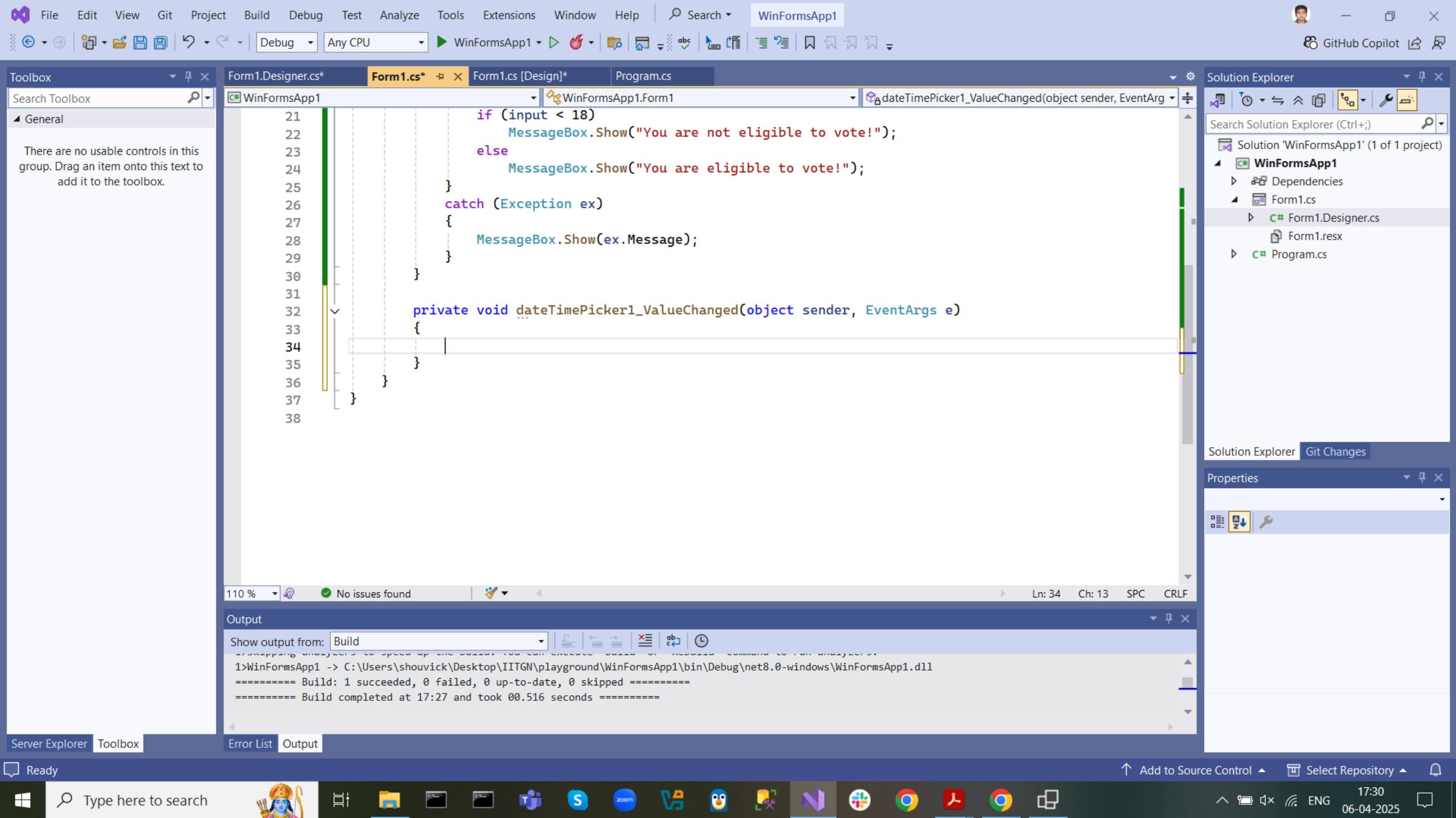
Error List Output

Ready

Type here to search

19, 19 482 x 235 Add to Source Control Select Repository

17:30 ENG 06-04-2025





GitHub Copilot

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs* Form1.cs [Design]* Program.cs

C# WinFormsApp1

WinFormsApp1.Form1

dateTimePicker1

```
92     Controls.Add(label1);
93     Controls.Add(txtAge);
94     Controls.Add(button1);
95     Name = "Form1";
96     Text = "VoterEligibilityTest";
97     Load += Form1_Load;
98     ResumeLayout(false);
99     PerformLayout();
100 }
101 #endregion
102
103 private Button button1;
104 private TextBox txtAge;
105 private Label label1;
106 private DateTimePicker dateTimePicker1;
107 private Label label2;
108 }
109 }
110 }
111 }
```

110 % No issues found

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:27 and took 00.516 seconds =====
```

Solution Explorer

Search Solution Explorer (Ctrl+.)

Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

Dependencies

Form1.cs

Form1.Designer.cs

Form1.resx

Program.cs

Solution Explorer Git Changes

Properties



GitHub Copilot

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

C# WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

```
16
17
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36
37
38
39
```

```
    {
        //MessageBox.Show("button1 has was clicked!");
        try
        {
            int input = int.Parse(txtAge.Text);
            if (input < 18)
                MessageBox.Show("You are not eligible to vote!");
            else
                MessageBox.Show("You are eligible to vote!");
        }
        catch (Exception ex)
        {
            MessageBox.Show(ex.Message);
        }

        long date1 = dateTimePicker1.Value.Ticks;
        long date2 = DateTime.Today.Ticks;
        long diff = Math.Abs(date1 - date2);
        diff = diff / 3153600000000000;
        MessageBox.Show(diff.ToString());
    }
}
```

110%   No issues found  Ln: 35 Ch: 46 SPC CRLF

Output

```
Show output from: Build
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======
===== Build completed at 17:43 and took 00.495 seconds ======
```

Server Explorer Toolbox

Error List Output

↑ Add to Source Control ▾  Select Repository ▾

Type here to search

17:45
06-04-2025

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - C# Form1.Designer.cs
 - Form1.resx
 - C# Program.cs

Solution Explorer Git Changes

Properties

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help | Search WinFormsApp1 GitHub Copilot

Form1.Designer.cs Form1.cs [Design]* Program.cs

C# WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

16 //MessageBox.Show("button1 has was clicked!");
17 try
18 {
19 int input = 0;
20 if (txtAge.Text.Length == 0)
21 {
22 long date1 = dateTimePicker1.Value.Ticks;
23 long date2 = DateTime.Today.Ticks;
24 long diff = Math.Abs(date1 - date2);
25 diff = diff / 3153600000000000;
26 input = (int)diff;
27 }
28 else
29 input = int.Parse(txtAge.Text);
30
31 if (input < 18)
32 MessageBox.Show("You are not eligible to vote at {0} years!", input.ToString());
33 else
34 MessageBox.Show("You are eligible to vote at {0} years!", input.ToString());
35 }
36 catch (Exception ex)
37 {
38 MessageBox.Show(ex.Message);
39 }
40 }
41
42

110% No issues found

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======

===== Build completed at 17:50 and took 00.497 seconds ======

Server Explorer Toolbox Error List Output

Ready Add to Source Control Select Repository

Type here to search

GitHub Copilot

Solution Explorer

Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

Dependencies

Form1.cs

C# Form1.Designer.cs

Form1.resx

C# Program.cs

Properties

17:52 06-04-2025 ENG



GitHub Copilot

Toolbox ▾ X Form1.Designer.cs Form1.cs Form1.cs [Design] Program.cs

Search Toolbox C# WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

General

There are no usable controls in this group. Drag an item onto the group. Drag an item onto the toolbox and add it to the toolbox.

VoterEligibilityTest

Enter your age in years

Or, pick here 06 April 2025

Click Me

0 You are not eligible to vote at (0) years!

OK

```
16    16 {  
17    17     //MessageBox.Show("button1 has was clicked!");  
  
      input = 0;  
      if (txtAge.Text.Length == 0)  
      {  
          long date1 = dateTimePicker1.Value.Ticks;  
          long date2 = DateTime.Today.Ticks;  
          th.Abs(date1 - date2);  
          3153600000000000;  
          iff;  
  
          MessageBox.Show("You are not eligible to vote at {0} years!", input.ToString());  
          else  
              MessageBox.Show("You are eligible to vote at {0} years!", input.ToString());  
      }  
      catch (Exception ex)  
      {  
          MessageBox.Show(ex.Message);  
      }  
  }  
  catch (Exception ex)  
  {  
      MessageBox.Show(ex.Message);  
  }  
}
```

110 % No issues found

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======

===== Build completed at 17:52 and took 00.476 seconds ======

Server Explorer Toolbox Error List Output

Ready

176, 125 94 x 29

Add to Source Control Select Repository



Type here to search





Toolbox ▾ X Form1.Designer.cs Form1.cs Form1.cs [Design] Program.cs

Search Toolbox C# WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

General

There are no usable controls in this group. Drag an item onto the group. Then add it to the toolbox.

VoterEligibilityTest

Enter your age in years

Or, pick here

2019 2020 2021 2022
2023 2024 2025 2026
2027 2028 2029 2030
Today: 06-04-2025

```
16    16 {  
17    17     //MessageBox.Show("button1 has was clicked!");  
  
      input = 0;  
      if (txtAge.Text.Length == 0)  
        long date1 = dateTimePicker1.Value.Ticks;  
        long date2 = DateTime.Today.Ticks;  
        long diff = Math.Abs(date1 - date2);  
        diff = diff / 3153600000000000;  
        input = (int)diff;  
  
      input = int.Parse(txtAge.Text);  
  
      if (input < 18)  
        MessageBox.Show("You are not eligible to vote at {0} years!", input.ToString());  
      else  
        MessageBox.Show("You are eligible to vote at {0} years!", input.ToString());  
  
    } catch (Exception ex)  
    {  
      MessageBox.Show(ex.Message);  
    }  
  
  }
```

110% No issues found Ln: 35 Ch: 96 SPC CRLF

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll  
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======
```

===== Build completed at 17:52 and took 00.476 seconds ======

Server Explorer Toolbox Error List Output

Ready

176, 125 94 x 29 Add to Source Control Select Repository



Type here to search





GitHub Copilot

Toolbox ▾ X Form1.Designer.cs Form1.cs Form1.cs [Design] Program.cs

Search Toolbox C# WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

General

There are no usable controls in this group. Drag an item onto the group. Then add it to the toolbox.

VoterEligibilityTest

Enter your age in years

Or, pick here 14 June 1975

Click Me

```
16    16 {  
17    17     //MessageBox.Show("button1 has was clicked!");  
  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27     input = 0;  
28     if (txtAge.Text.Length == 0)  
29  
30         long date1 = dateTimePicker1.Value.Ticks;  
31         long date2 = DateTime.Today.Ticks;  
32         long diff = Math.Abs(date1 - date2);  
33         diff = diff / 3153600000000000;  
34         input = (int)diff;  
35     }  
36     else  
37         input = int.Parse(txtAge.Text);  
38  
39     if (input < 18)  
40         MessageBox.Show("You are not eligible to vote at {0} years!", input.ToString());  
41     else  
42         MessageBox.Show("You are eligible to vote at {0} years!", input.ToString());  
43  
44     }  
45     catch (Exception ex)  
46     {  
47         MessageBox.Show(ex.Message);  
48     }  
49  
50 }
```

110% No issues found

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll  
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======
```

===== Build completed at 17:52 and took 00.476 seconds ======

Server Explorer Toolbox Error List Output

Ready

176, 125 94 x 29

Add to Source Control Select Repository



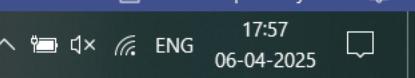
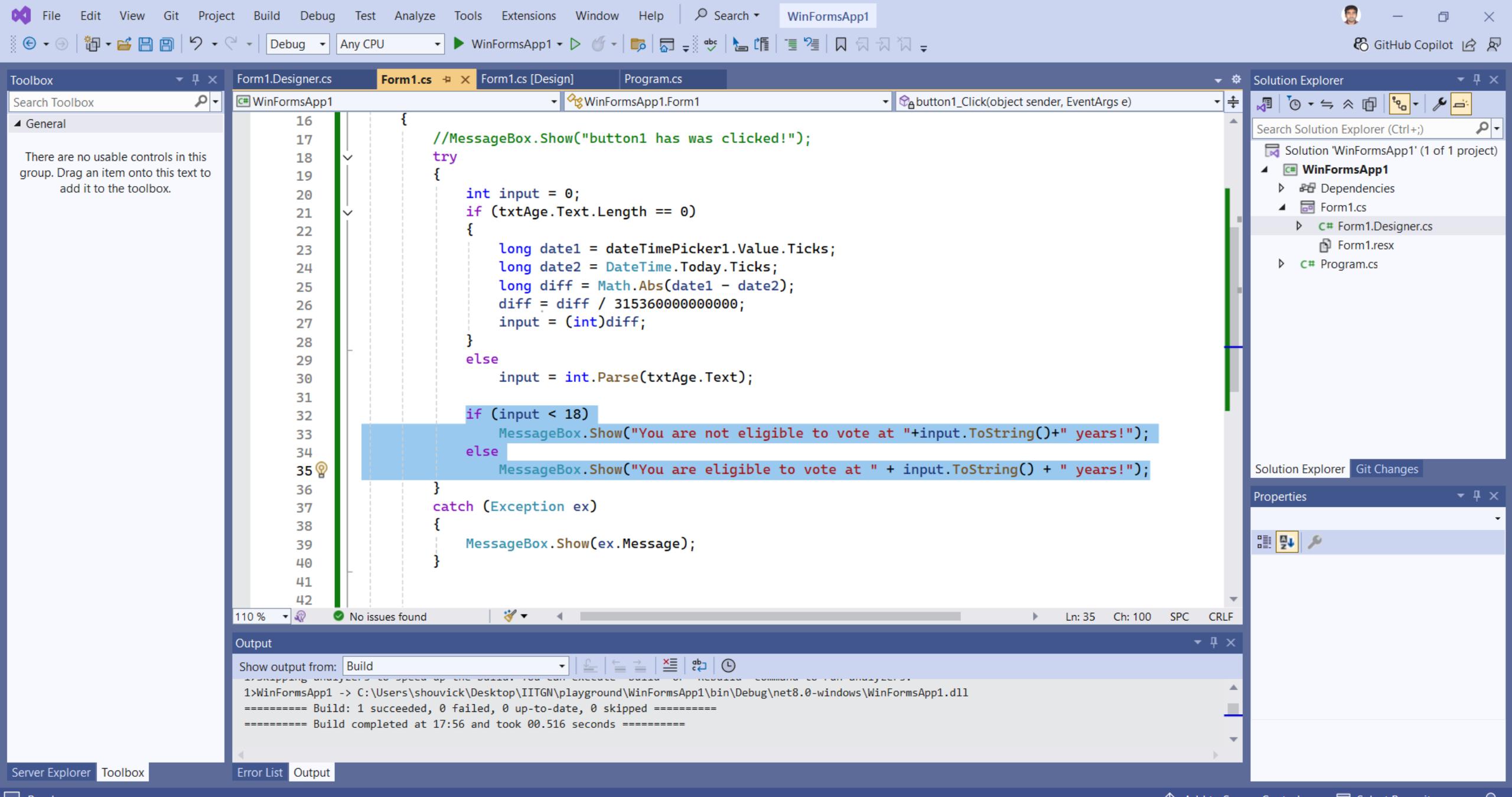
Type here to search

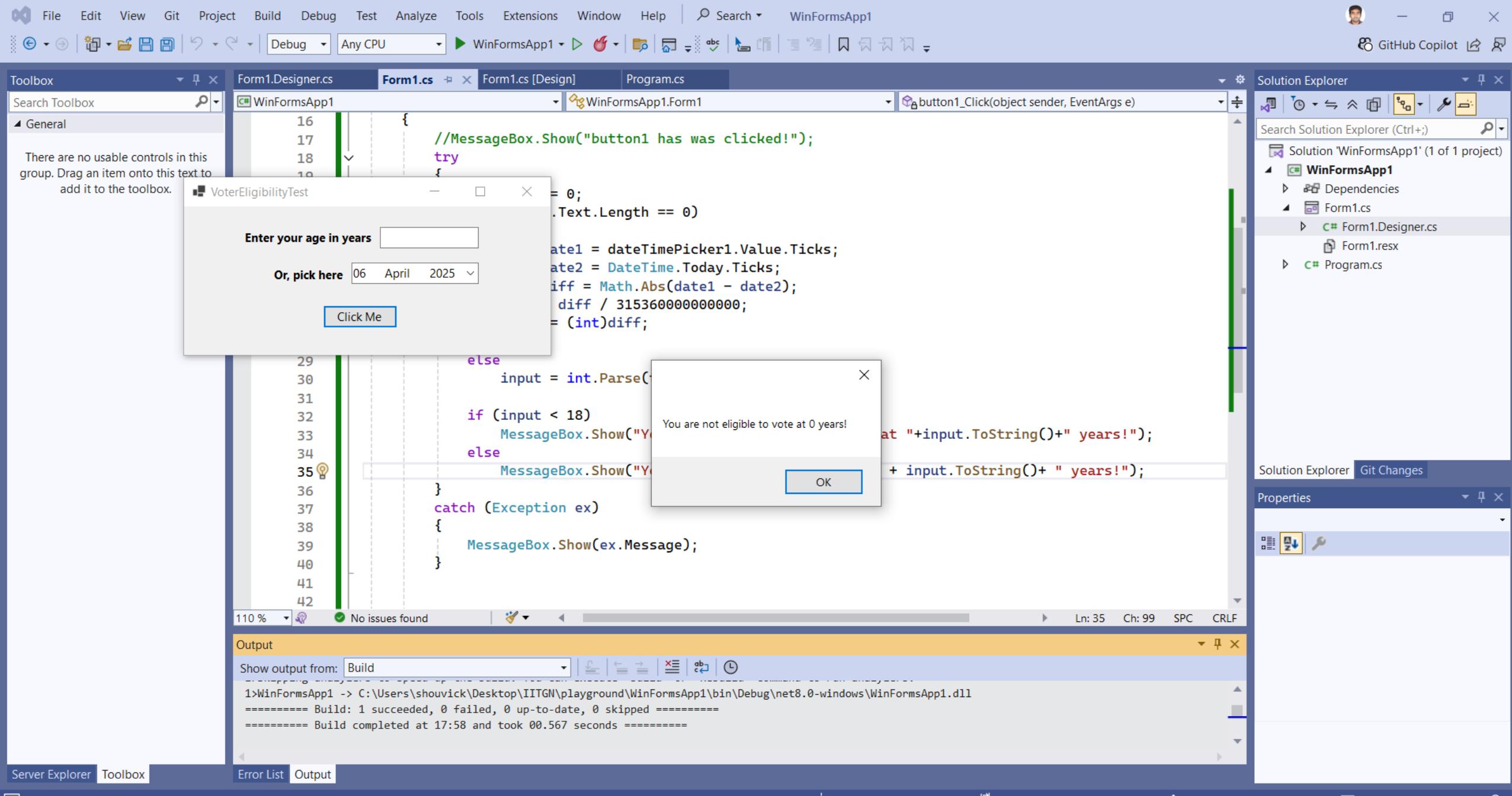


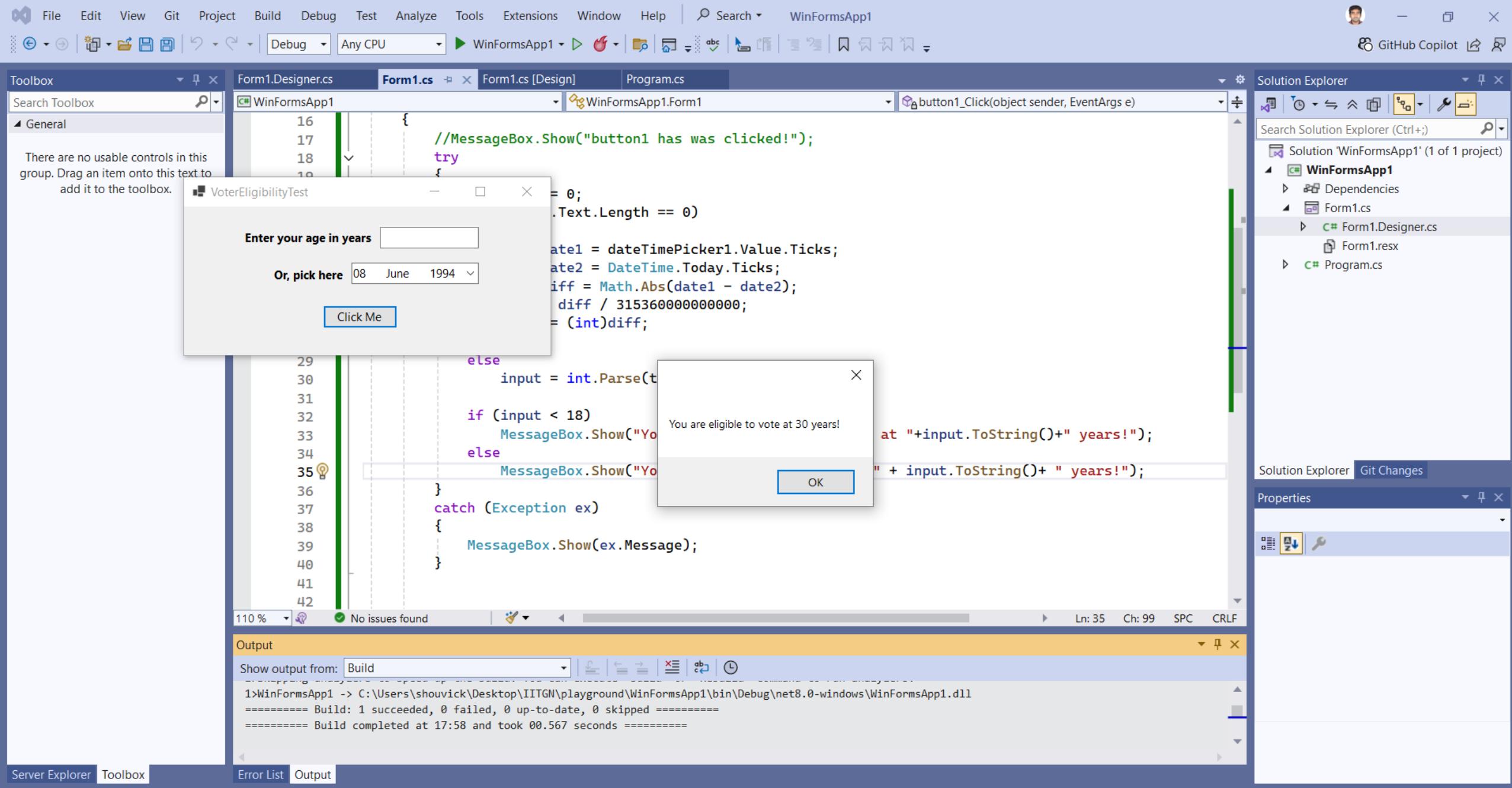
17:53

06-04-2025









Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

VoterEligibilityTest

Enter your age in years

Or, pick here

Click Me

Form1.cs [Design]

WinFormsApp1

WinFormsApp1.Form1

button1_Click(object sender, EventArgs e)

```
16     {
17         //MessageBox.Show("button1 has was clicked!");
18         try
19         {
20             if (input == 0)
21                 MessageBox.Show("You are not eligible to vote at 5 years!");
22             else
23                 MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");
24         }
25     }
26     catch (Exception ex)
27     {
28         MessageBox.Show(ex.Message);
29     }
30 }
```

110 %

No issues found

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 17:58 and took 00.567 seconds =====
```

Solution Explorer

Search Solution Explorer (Ctrl+Shift+F)

Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

Dependencies

Form1.cs

Form1.Designer.cs

Form1.resx

Program.cs

Properties

Git Changes

Server Explorer

Error List

Output

Ready

176, 125

94 x 29

Add to Source Control

Select Repository



Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

VoterEligibilityTest

Enter your age in years -5

Or, pick here 08 June 1994

Click Me

```
16 {  
17     //MessageBox.Show("button1 has was clicked!");  
18     try  
19     {  
20         int input = 0;  
21         if (input < 0)  
22             MessageBox.Show("Please enter a valid age!");  
23         else if (input > 100)  
24             MessageBox.Show("Please enter a valid age!");  
25         else  
26             MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");  
27     }  
28     catch (Exception ex)  
29     {  
30         MessageBox.Show(ex.Message);  
31     }  
32 }  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42
```

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll  
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======
```

Output

Ln: 35 Ch: 99 SPC CRLF

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

Dependencies

Form1.cs

Form1.Designer.cs

Form1.resx

Program.cs

Properties

Git Changes

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search WinFormsApp1 GitHub Copilot

VoterEligibilityTest

Form1.cs [Design] Program.cs

WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

Enter your age in years

Or, pick here 04 June 2054

Click Me

You are eligible to vote at 29 years!

OK

```
//MessageBox.Show("button1 has was clicked!");
try
{
    put = 0;
    tAge.Text.Length == 0)

    long date1 = dateTimePicker1.Value.Ticks;
    long date2 = DateTime.Today.Ticks;
    long diff = Math.Abs(date1 - date2);
    ff = diff / 3153600000000000;
    input = (int)diff;
}
else
    input = int.Parse(txtAge.Text);

if (input < 18)
    MessageBox.Show("You are not eligible to vote at "+input.ToString()+" years!");
else
    MessageBox.Show("You are eligible to vote at "+input.ToString()+" years!");
}
catch (Exception ex)
{
    MessageBox.Show(ex.Message);
}
```

110% No issues found

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll

===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====

===== Build completed at 18:01 and took 00.487 seconds =====

Server Explorer Toolbox Error List Output

Ready

Type here to search

176, 125 94 x 29

Add to Source Control Select Repository

18:02 06-04-2025 ENG

Solution Explorer

Search Solution Explorer (Ctrl+;) Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1 Dependencies Form1.cs Form1.Designer.cs Form1.resx Program.cs

Properties

File Edit View Git Project Build Debug Format Test Analyze Tools Extensions Window Help | Search WinFormsApp1

GitHub Copilot

Toolbox

Form1.Designer.cs Form1.cs **Form1.cs [Design]** Program.cs

Search Toolbox

- Panel
- PictureBox
- PrintDialog
- PrintDocument
- PrintPreviewControl
- PrintPreviewDialog
- Process
- ProgressBar
- PropertyGrid
- RadioButton**
- RichText
- SaveFileDialog
- SplitContainer
- Splitter
- StatusStrip
- TabControl
- TableLayoutPanel
- TextBox
- Timer
- ToolStrip
- ToolStripContainer
- ToolTip
- TrackBar
- TreeView
- VScrollBar

Common Controls

Containers

Menus & Toolbars

Data

Components

Printing

Dialogs

Server Explorer

Error List Output

Form1 Designer

VoterEligibilityTest

Enter your age in years

Or, pick here 06 April 2025

Click Me

Solution Explorer

Search Solution Explorer (Ctrl+;) Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Properties

Form1 System.Windows.Forms.Form

RightToLeft	No
RightToLeftLayout	False
ShowIcon	True
ShowInTaskbar	True
Size	482, 235
SizeGripStyle	Auto
StartPosition	WindowsDefaultLocation
Tag	
Text	VoterEligibilityTest
Text	The text associated with the control.

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 18:01 and took 00.487 seconds =====
```

Ready

Type here to search

19, 19 482 x 235 Add to Source Control Select Repository 18:03 06-04-2025 ENG

File Edit View Git Project Build Debug Format Test Analyze Tools Extensions Window Help | Search WinFormsApp1 GitHub Copilot

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

Toolbox

Search Toolbox

All Windows Forms

- Pointer
- BackgroundWorker
- BindingSource
- Button
- CheckBox
- CheckedListBox
- ColorDialog
- ComboBox
- ContextMenuStrip
- DataGridView
- DateTimePicker
- DomainUpDown
- ErrorProvider
- FileSystemWatcher
- FlowLayoutPanel
- FolderBrowserDialog
- FontDialog
- GroupBox
- HelpProvider
- HScrollBar
- ImageList
- Label
- LinkLabel
- ListBox
- ListView
- MaskedTextBox
- MenuStrip
- MonthCalendar
- NotifyIcon
- NumericUpDown
- OpenFileDialog

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 18:01 and took 00.487 seconds =====
```

Properties

Form1 System.Windows.Forms.Form

RightToLeft	No
RightToLeftLayout	False
ShowIcon	True
ShowInTaskbar	True
Size	535, 235
SizeGripStyle	Auto
StartPosition	WindowsDefaultLocation
Tag	
Text	VoterEligibilityTest

The text associated with the control.

Ready

Type here to search

19, 19 535 x 235 Add to Source Control Select Repository 18:04 06-04-2025



GitHub Copilot

Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.Designer.cs* Form1.cs* Form1.cs [Design]* Program.cs

```
4  {
5      >     /// <summary> Required designer variable.
6      >     private System.ComponentModel.IContainer components = null;
7
8      >     /// <summary> Clean up any resources being used.
9      >     protected override void Dispose(bool disposing)...
10
11    >     #region Windows Form Designer generated code
12
13    >     /// <summary> Required method for Designer support - do not modify the contents ...
14    >     private void InitializeComponent()...
15
16    >     #endregion
17
18
19    >     private Button button1;
20    >     private TextBox txtAge;
21    >     private Label label1;
22    >     private DateTimePicker dateTimePicker1;
23    >     private Label label2;
24    >     private RadioButton radioButton1;
25    >     private RadioButton radioButton2;
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132
133
134
135
136
137
138}
```

class System.Windows.Forms.RadioButton
Enables the user to select a single option from a group of choices when paired with other RadioButton controls.
[GitHub Examples and Documentation \(Alt+O\)](#)

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Solution Explorer Git Changes

Properties

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 18:01 and took 00.487 seconds =====
```

Server Explorer

Error List

Output

↑ Add to Source Control ▾ Select Repository ▾



Type here to search



18:05

06-04-2025



File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help | Search WinFormsApp1 GitHub Copilot

Form1.Designer.cs Form1.cs [Design]* Program.cs

C# WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

13 }
14
15 private void button1_Click(object sender, EventArgs e)
16 {
17 //MessageBox.Show("button1 has was clicked!");
18 try
19 {
20 int input=0;
21 if (radioButton2.Checked == true)
22 {
23 long date1 = dateTimePicker1.Value.Ticks;
24 long date2 = DateTime.Today.Ticks;
25 long diff = Math.Abs(date1 - date2);
26 diff = diff / 315360000000000;
27 input = (int)diff;
28 }
29 else if (txtAge.Text.Length == 0 && radioButton1.Checked == true)
30 {
31 input = int.Parse(txtAge.Text);
32 }
33 if (input < 18)
34 MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");
35 else
36 MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");
37 }
38 catch (Exception ex)
39 }

110% No issues found

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 18:15 and took 00.544 seconds =====

Server Explorer Toolbox Error List Output

Add to Source Control Select Repository

Type here to search

Ready

GitHub Copilot

Solution Explorer

Solution 'WinFormsApp1' (1 of 1 project)

WinFormsApp1

Dependencies

Form1.cs

Form1.Designer.cs

Form1.resx

Program.cs

Properties

18:17 06-04-2025 ENG

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search WinFormsApp1 GitHub Copilot

VoterEligibilityTest

Enter your age in years textbox
Or, pick here picker

Click Me

You are not eligible to vote at 0 years!

button1_Click(object sender, EventArgs e)

```
    if ("button1 has was clicked!");
    else
        MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");
    catch (Exception ex)
    {
        MessageBox.Show(ex.Message);
    }
}
```

19
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OK

110 % No issues found

Output

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 18:17 and took 00.531 seconds =====
```

Server Explorer Toolbox Error List Output

Ready

Type here to search

379, 71 70 x 24

Add to Source Control Select Repository

18:17 06-04-2025 ENG

Solution Explorer

Search Solution Explorer (Ctrl+;) Solution 'WinFormsApp1' (1 of 1 project) WinFormsApp1 Dependencies Form1.cs Form1.Designer.cs Form1.resx Program.cs

Properties

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search WinFormsApp1 GitHub Copilot

VoterEligibilityTest

Enter your age in years textbox
Or, pick here picker

Click Me

You are eligible to vote at 35 years!

OK

```
private void button1_Click(object sender, EventArgs e)
{
    MessageBox.Show("button1 has been clicked!");

    if (radioButton1.Checked == true)
    {
        long date1 = dateTimePicker1.Value.Ticks;
        long date2 = DateTime.Today.Ticks;
        long diff = Math.Abs(date1 - date2);
        diff = diff / 315360000000000;
        input = (int)diff;
    }
    else if (txtAge.Text.Length == 0 && radioButton1.Checked == true)
    {
        input = int.Parse(txtAge.Text);
    }

    if (input < 18)
        MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");
    else
        MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");
}
catch (Exception ex)
```

110% No issues found

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======

===== Build completed at 18:17 and took 0.531 seconds ======

Server Explorer Toolbox Error List Output

Ready

Type here to search

379,71 70 x 24

Add to Source Control Select Repository

18:17 06-04-2025 ENG

Solution Explorer

Search Solution Explorer (Ctrl+;) Solution 'WinFormsApp1' (1 of 1 project)
WinFormsApp1
Dependencies
Form1.cs
Form1.Designer.cs
Form1.resx
Program.cs

Properties

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search WinFormsApp1 GitHub Copilot

VoterEligibilityTest

Enter your age in years textbox
Or, pick here picker

Click Me

The input string " was not in a correct format.

OK

button1 has was clicked!

19
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38
39

```
private void button1_Click(object sender, EventArgs e)
{
    MessageBox.Show("button1 has was clicked!");

    if (radioButton1.Checked == true)
    {
        long date1 = dateTimePicker1.Value.Ticks;
        long date2 = DateTime.Today.Ticks;
        long diff = Math.Abs(date1 - date2);
        diff = diff / 315360000000000;
        input = (int)diff;
    }
    else if (txtAge.Text.Length == 0 && radioButton1.Checked == true)
    {
        input = int.Parse(txtAge.Text);
    }

    if (input < 18)
        MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");
    else
        MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");
}
catch (Exception ex)
```

110 % No issues found

Output

Show output from: Build

1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
===== Build completed at 18:17 and took 00.531 seconds =====

Server Explorer Toolbox Error List Output

Ready

Type here to search

379, 71 70 x 24

Add to Source Control Select Repository

GitHub Copilot

Solution Explorer

Search Solution Explorer (Ctrl+;) Solution 'WinFormsApp1' (1 of 1 project)
WinFormsApp1
Dependencies
Form1.cs
Form1.Designer.cs
Form1.resx
Program.cs

Properties

18:17 06-04-2025 ENG



Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

Form1.cs

```
13 }  
14  
15 private void button1_Click(object sender, EventArgs e)  
16 {  
17     //MessageBox.Show("button1 has was clicked!");  
18     try  
19     {  
20         int input=0;  
21         if (radioButton2.Checked == true)  
22         {  
23             long date1 = dateTimePicker1.Value.Ticks;  
24             long date2 = DateTime.Today.Ticks;  
25             long diff = Math.Abs(date1 - date2);  
26             diff = diff / 3153600000000000;  
27             input = (int)diff;  
28         }  
29         else if (txtAge.Text.Length == 0 && radioButton1.Checked == true)|  
30         {  
31             input = int.Parse(txtAge.Text);  
32         }  
33  
34         if (input < 18)  
35             MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");  
36         else  
37             MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");  
38     }  
39     catch (Exception ex)
```

110 % No issues found

Output

Show output from: Build

Solution Explorer

Search Solution Explorer (Ctrl+;)

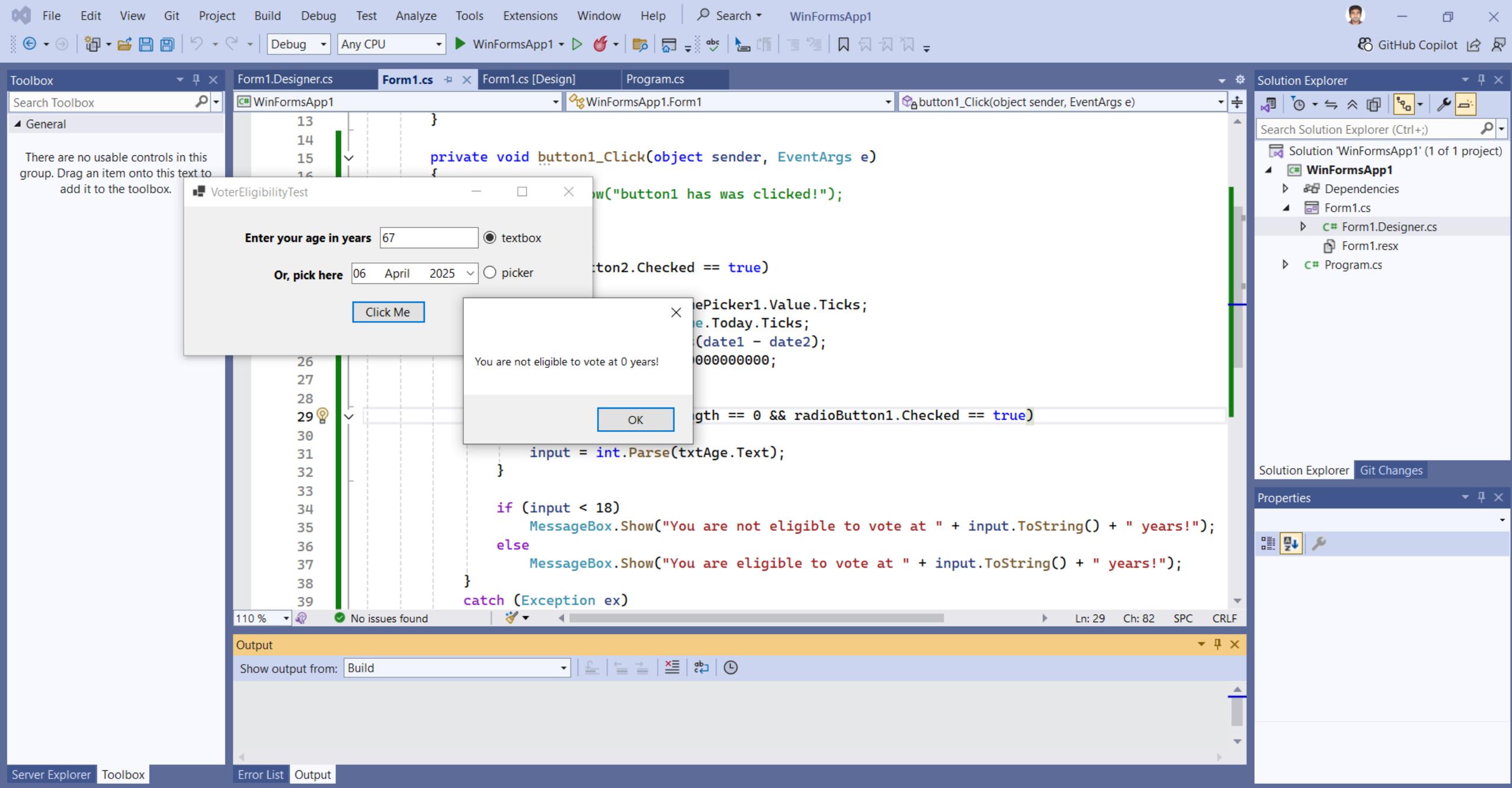
Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - Form1.Designer.cs
 - Form1.resx
 - Program.cs

Solution Explorer Git Changes

Properties







Toolbox

Search Toolbox

General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

```
Form1.Designer.cs Form1.cs [Design]* Program.cs
C# WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)
13 } 
14 
15 private void button1_Click(object sender, EventArgs e)
16 {
17     //MessageBox.Show("button1 has was clicked!");
18     try
19     {
20         int input=0;
21         if (radioButton2.Checked == true)
22         {
23             long date1 = dateTimePicker1.Value.Ticks;
24             long date2 = DateTime.Today.Ticks;
25             long diff = Math.Abs(date1 - date2);
26             diff = diff / 315360000000000;
27             input = (int)diff;
28         }
29         else if (radioButton1.Checked == true)
30         {
31             input = int.Parse(txtAge.Text);
32         }
33 
34         if (input < 18)
35             MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");
36         else
37             MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");
38     }
39     catch (Exception ex)
```

110 % No issues found Ln: 29 Ch: 1 SPC CRLF

Output

Show output from: Build

Solution Explorer

Search Solution Explorer (Ctrl+;)

Solution 'WinFormsApp1' (1 of 1 project)

- WinFormsApp1
 - Dependencies
 - Form1.cs
 - C# Form1.Designer.cs
 - Form1.resx
 - Program.cs

Solution Explorer Git Changes

Properties

Server Explorer Toolbox

Error List Output

Add to Source Control Select Repository



Type here to search



18:20
06-04-2025



GitHub Copilot

Toolbox ▾ X Form1.Designer.cs Form1.cs [Design] Program.cs

Search Toolbox General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

C# WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

```
13 }  
14 }  
15 private void button1_Click(object sender, EventArgs e)  
16 {  
17     //MessageBox.Show("button1 has was clicked!");
```

VoterEligibilityTest

Enter your age in years textbox

Or, pick here 06 April 2025 picker

Click Me

You are not eligible to vote at 0 years!

OK

```
on2.Checked == true)  
1 = dateTimePicker1.Value.Ticks;  
2 = DateTime.Today.Ticks;  
tel - date2);  
000000;  
  
You are not eligible to vote at 0 years!  
ed == true)  
e.Text);  
  
if (input < 18)  
    MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");  
else  
    MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");  
  
catch (Exception ex)
```

110 % No issues found

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll  
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped ======
```

Ln: 29 Ch: 1 SPC CRLF

Server Explorer Toolbox Error List Output

Ready

379, 71 70 x 24

Add to Source Control Select Repository



Type here to search





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Toolbox ▾ X Form1.Designer.cs Form1.cs [Design] Program.cs

Search Toolbox General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

C# WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

```
13 }  
14 }  
15 private void button1_Click(object sender, EventArgs e)  
16 {  
17     //MessageBox.Show("button1 has was clicked!");
```

VoterEligibilityTest

Enter your age in years textbox

Or, pick here picker

Click Me

```
on2.Checked == true)  
1 = dateTimePicker1.Value.Ticks;  
2 = DateTime.Today.Ticks;  
= Math.Abs(date1 - date2);  
ff / 31536000000000;  
int)di  
28 }  
29  else if (radioButton  
30 {  
31     input = int.Parse  
32 }  
33 if (input < 18)  
34     MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");  
35 else  
36     MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");  
37 }  
38 catch (Exception ex)  
39 }
```

You are not eligible to vote at 0 years!

OK

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll  
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====  
===== Build completed at 18:20 and took 00.521 seconds =====
```

Server Explorer Toolbox Error List Output

Ready 379, 71 70 x 24 Add to Source Control Select Repository



Type here to search

18:20
06-04-2025



GitHub Copilot

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13 }  
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16 {  
17     //MessageBox.Show("button1 has was clicked!");
```

VoterEligibilityTest

Enter your age in years textbox

Or, pick here picker

Click Me

on2.Checked == true)
1 = dateTimePicker1.Value.Ticks;
2 = DateTime.Today.Ticks;
= Math.Abs(date1 - date2);
ff / 31536000000000;
int)di

You are not eligible to vote at 2 years!

OK

```
28 }  
29  else if (radioButton  
30 {  
31     input = int.Parse  
32 }  
33  
34 if (input < 18)  
35     MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");  
36 else  
37     MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");  
38 }  
39 catch (Exception ex)
```

110% No issues found Ln: 29 Ch: 1 SPC CRLF

Output

Show output from: Build

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1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll  
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====  
===== Build completed at 18:20 and took 00.521 seconds =====
```

Server Explorer Toolbox Error List Output

Ready 379,71 70 x 24 Add to Source Control Select Repository



Type here to search

18:21
06-04-2025 ENG



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Toolbox ▾ X Form1.Designer.cs Form1.cs [Design] Program.cs

Search Toolbox General

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```
13 }  
14 }  
15 private void button1_Click(object sender, EventArgs e)  
16 {  
17     //MessageBox.Show("button1 has was clicked!");
```

VoterEligibilityTest

Enter your age in years textbox
Or, pick here April 2025 picker

Click Me

```
on2.Checked == true)  
1 = dateTimePicker1.Value.Ticks;  
2 = DateTime.Today.Ticks;  
= Math.Abs(date1 - date2);  
ff / 31536000000000;  
int)di
```

You are not eligible to vote at 0 years!

OK

```
28 }  
29  else if (radioButton  
30 {  
31     input = int.Parse  
32 }  
33  
34 if (input < 18)  
35     MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");  
36 else  
37     MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");  
38 }  
39 catch (Exception ex)
```

110% No issues found Ln: 29 Ch: 1 SPC CRLF

Output

Show output from: Build

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1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll  
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====  
===== Build completed at 18:20 and took 00.521 seconds =====
```

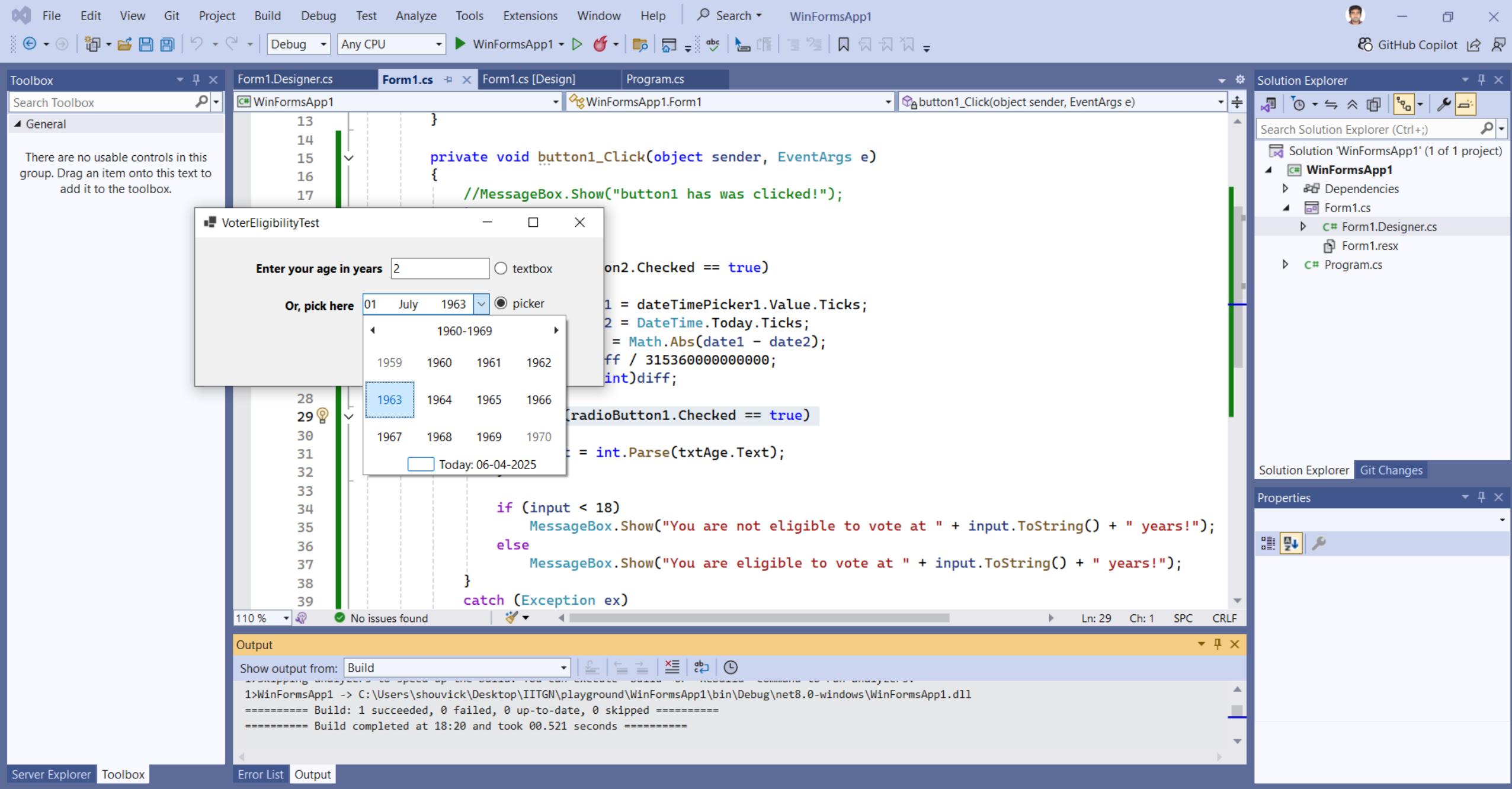
Server Explorer Toolbox Error List Output

Ready 379, 71 70 x 24 Add to Source Control Select Repository



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13 }  
14 }  
15 private void button1_Click(object sender, EventArgs e)  
16 {  
17     //MessageBox.Show("button1 has was clicked!");
```

VoterEligibilityTest

Enter your age in years textbox
Or, pick here picker

Click Me

```
on2.Checked == true)  
1 = dateTimePicker1.Value.Ticks;  
2 = DateTime.Today.Ticks;  
= Math.Abs(date1 - date2);  
ff / 31536000000000;  
int)di
```

You are eligible to vote at 61 years!

OK

```
28 }  
29  else if (radioButton  
30 {  
31     input = int.Pars  
32 }  
33 if (input < 18)  
34     MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");  
35 else  
36     MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");  
37 }  
38 catch (Exception ex)  
39 }
```

110% No issues found Ln: 29 Ch: 1 SPC CRLF

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll  
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====  
===== Build completed at 18:20 and took 00.521 seconds =====
```

Server Explorer Toolbox Error List Output

Ready 379, 71 70 x 24 Add to Source Control Select Repository



Type here to search

18:21
06-04-2025



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C# WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

```
13 }  
14 }  
15 private void button1_Click(object sender, EventArgs e)  
16 {  
17     //MessageBox.Show("button1 has was clicked!");
```

VoterEligibilityTest

Enter your age in years textbox

Or, pick here 04 July 1963 picker

Click Me

on2.Checked == true)
1 = dateTimePicker1.Value.Ticks;
2 = DateTime.Today.Ticks;
= Math.Abs(date1 - date2);
ff / 31536000000000;
int di

```
28 }  
29  else if (radioButton  
30 {  
31     input = int.Parse  
32 }  
33 if (input < 18)  
34     MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");  
35 else  
36     MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");  
37 }  
38 catch (Exception ex)  
39 }
```

110% No issues found

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll  
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====  
===== Build completed at 18:20 and took 00.521 seconds =====
```

Server Explorer Toolbox Error List Output

Ready 379,71 70 x 24 Add to Source Control Select Repository 18:21 06-04-2025



Type here to search



ENG 18:21

06-04-2025



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Search Toolbox General

There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.

C# WinFormsApp1 WinFormsApp1.Form1 button1_Click(object sender, EventArgs e)

```
13 }  
14 }  
15 private void button1_Click(object sender, EventArgs e)  
16 {  
17     //MessageBox.Show("button1 has was clicked!");
```

VoterEligibilityTest

Enter your age in years -2 textbox

Or, pick here 04 July 1963 picker

Click Me

```
on2.Checked == true)  
1 = dateTimePicker1.Value.Ticks;  
2 = DateTime.Today.Ticks;  
= Math.Abs(date1 - date2);  
ff / 21536000000000;  
int)d:  
28 }  
29  else if (radioButton  
30 {  
31     input = int.Parse  
32 }  
33 if (input < 18)  
34     MessageBox.Show("You are not eligible to vote at " + input.ToString() + " years!");  
35 else  
36     MessageBox.Show("You are eligible to vote at " + input.ToString() + " years!");  
37 }  
38 catch (Exception ex)  
39 }
```

You are not eligible to vote at -2 years!

OK

Output

Show output from: Build

```
1>WinFormsApp1 -> C:\Users\shouvik\Desktop\IITGN\playground\WinFormsApp1\bin\Debug\net8.0-windows\WinFormsApp1.dll  
===== Build: 1 succeeded, 0 failed, 0 up-to-date, 0 skipped =====  
===== Build completed at 18:20 and took 00.521 seconds =====
```

Server Explorer Toolbox Error List Output

Ready 379, 71 70 x 24 Add to Source Control Select Repository



Type here to search



ENG

18:21
06-04-2025

Texts, References, and Acknowledgements

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