

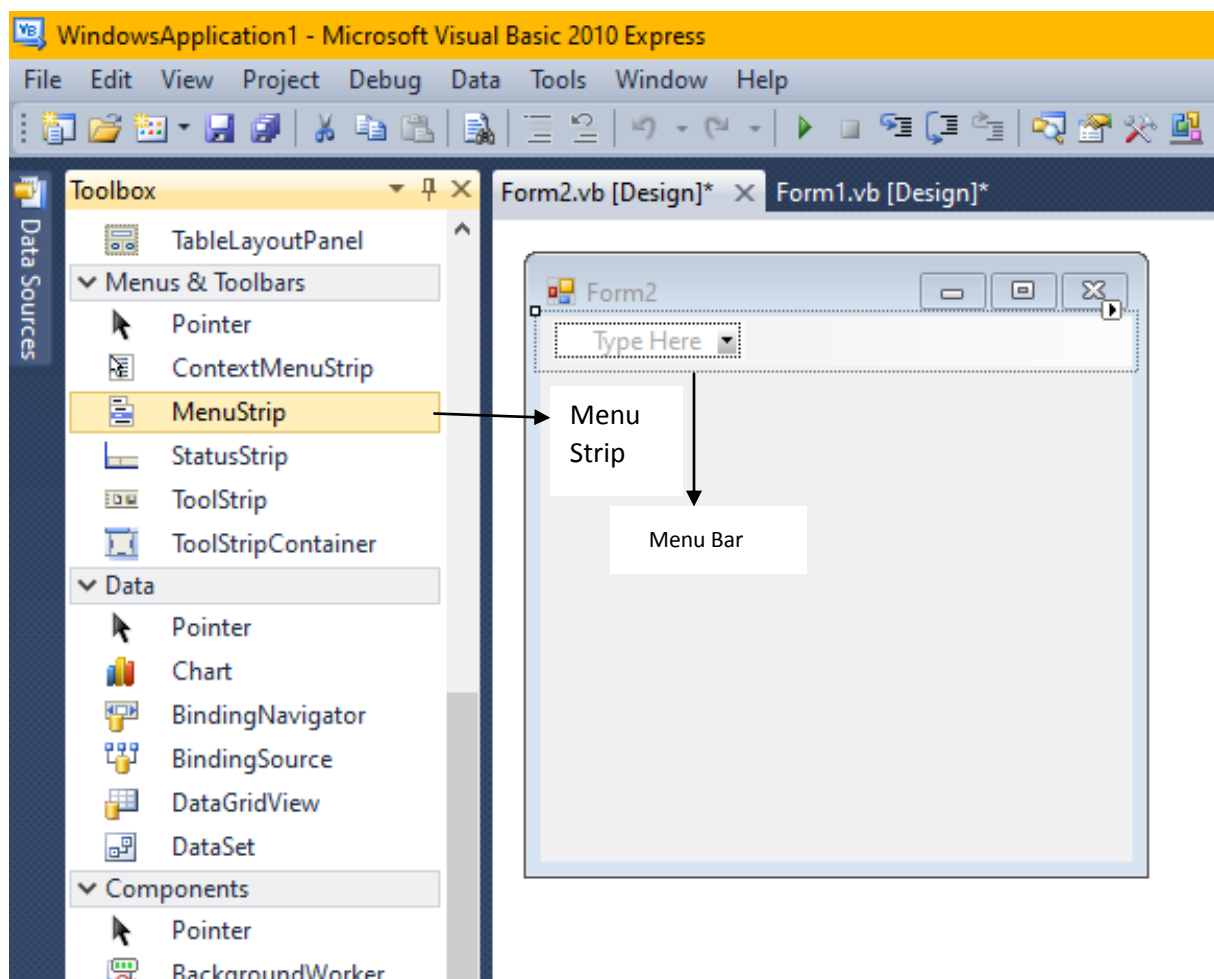
Menu Control in VB.NET

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Introduction:

A menu is used as a menu bar in the Windows form that contains a list of related commands, and it is implemented through MenuStrip Control. The Menu control is also known as the VB.NET MenuStrip Control. The menu items are created with ToolStripMenuItem Objects.

create a MenuBar by dragging a MenuStrip control from the toolbox and dropping it to the Windows form.



Once the MenuStrip is added to the form, we can set various properties of the Menu by clicking on the MenuStrip control.

Properties of the MenuStrip Control

There are following properties of the VB.NET MenuStrip control.

Properties	Discription
CanOverflow	The CanOverflow property is used to authenticate whether the control supports overflow functionality by setting values in the MenuStrip control.
Stretch	The Stretch property is used to obtain a value that specifies whether the menustrip stretches from end to end in the MenuStrip control.
GripStyle	The GripStyle property obtains or sets the visibility of the grip that uses the reposition of the menu strip control.
ShowItemToolTips	It is used to obtain or set the value that determines if the ToolTips are displayed for the MenuStrip Control.
DefaultSize	The DefaultSize property is used to get the default horizontal and vertical dimension of the MenuStrip in pixel when it is first created.

Methods of the MenuStrip Control

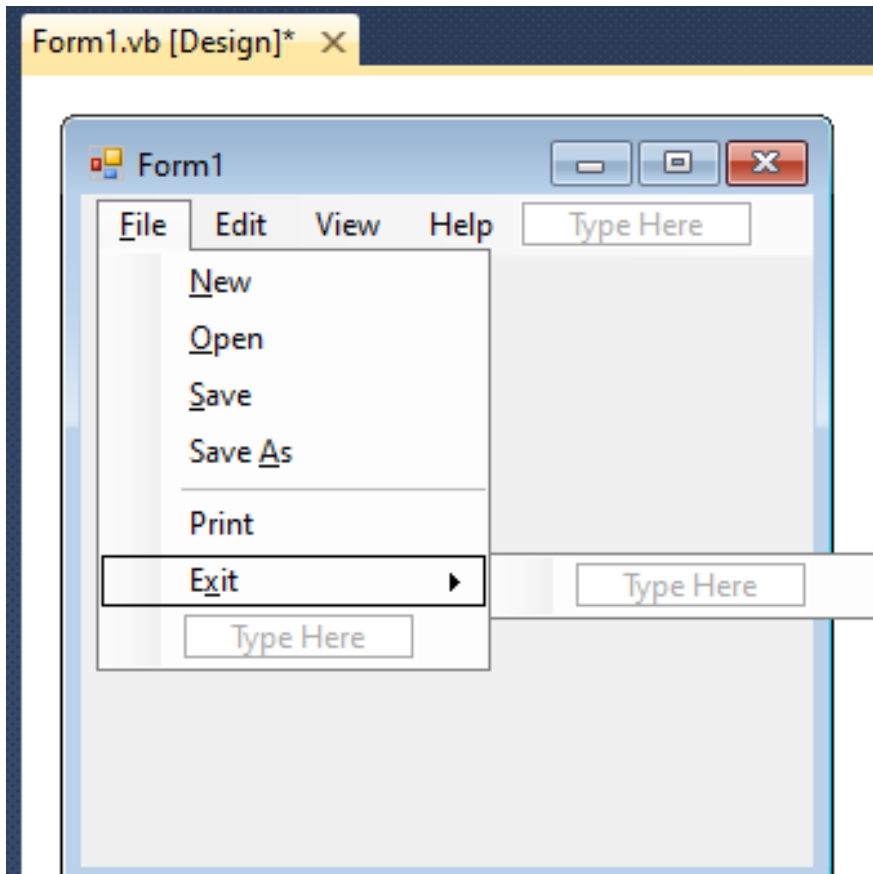
Method	Description
CreateAccessibilityInstance()	It is used to create a new accessibility instance for the MenuStrip Control
ProcessCmdKey()	The ProcessCmdKey method is used to process the command key in the MenuStrip Control.
CreateDefaultItem()	The CreateDefaultItem method is used to create a ToolStripMenuItem with the specified text, image, and event handlers for the new MenuStrip.
OnMenuActivate()	It is used to initiate the MenuActivate event in the MenuStrip control.
OnMenuDeactivate()	It is used to start the MenuDeactivate event in the MenuStrip control.

Events of the MenuStrip Control

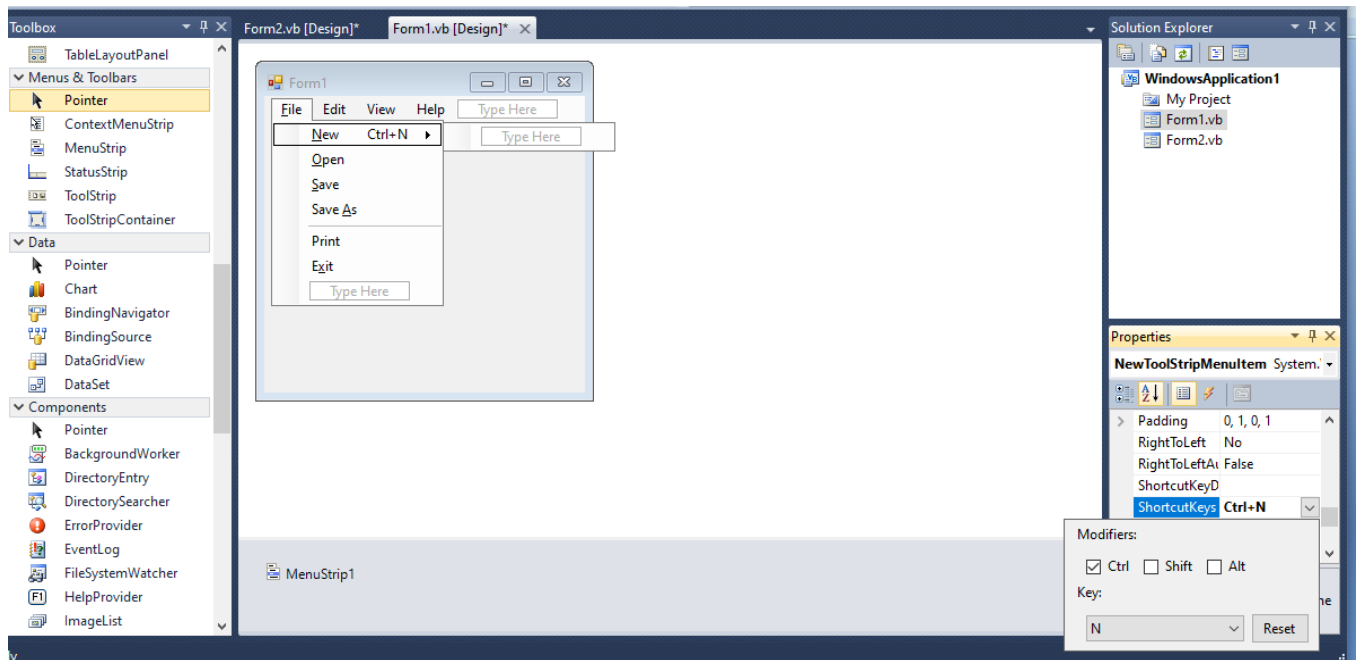
Event	Description
MenuActivate	When a user uses a menu bar control with a mouse or keyboard, a MenuActivate event occurs.
MenuDeactivate	The MenuDeactivate event occurs when the MenuStrip control is deactivated in the Windows form.

Program to display the menu bar in the Windows form.

we have created the menu and sub-items of the menu bar in the form.



we write the Shortcut keys for the File subitems, such as New -> Ctrl + N, Open -> Ctrl + O, etc.



Coding on open Menu

```
Public Class Form1
```

```
    Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
```

```
    End Sub
```

```
    Private Sub OpenToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles OpenToolStripMenuItem.Click
```

```
        OpenFileDialog1.ShowDialog()
```

```
    End Sub
```

```
End Class
```

