

## Textbox Control in VB.NET

Text box control is widely used for entering some input values at run time. Text box control is also used to display some text on the form which user may edit.

### Properties of Textbox Control

Property	Purpose
AutoCompleteMode	It is used to get or set value which determines how AutoComplete option works for TextBox. It has 4 options: Suggest, Append, SuggestAppend, None Default value is None.
AutoCompleteSource	It is used to get or set Auto Complete Source for TextBox.
AutoCompleteCustomSource	It is used to specify Custom Source by defining list of items in it. It works when AutoCompleteSource is set to CustomSource.
BackColor	It is used to get or set background color of the TextBox.
CharacterCasing	It is used to get or set value which determines weather all the characters entered in TextBox are converted to UpperCase LowerCase or left as it is. It has following 3 options: <b>(1) Normal</b> , : Text remains as it is. <b>(2) Upper:</b> all entered characters are converted to UpperCase. <b>(3) Lower:</b> all entered characters are converted to LowerCase. Default value is Normal.
Enabled	It is used to specify weather TextBox Control is enabled or not at run time. It has Boolean value. Default value is true.
Font	It is used to set Font Face, Font Style, Font Size and Effects of the text associated with TextBox Control.
ForeColor	It is used to get or set Fore color of the text associated with TextBox Control.
HideSelection	It is used to specify weather text selection should be

	hidden
	or not when TextBox lose its focus. It has Boolean value. Default value is true.
MaxLength	It is used to get or set maximum number of characters that can
	be entered in TextBox. Default value is 32767.
Multiline	It is used to specify weather TextBox can be expanded to
	enter more than one line of text or not. It has Boolean value.
	Default value is false.
PasswordChar	It is used to get or set a character that is displayed for each.
	input characters in TextBox
ReadOnly	It is used to specify weather text associated with TextBox is
	ReadOnly or not. It has Boolean value. Default value is false.
ScrollBars	It is used to get or set type of scrollbars to be added with TextBox
	control when Multi line property is set to true. It has following
	4 options: (1) None (2) Horizontal (3) Vertical (4) Both
TabIndex	It is used to get or set Tab order of the TextBox.
TabStop	It is used to specify weather user can use TAB key to set
	focus on TextBox Control or not. It has Boolean value.
	Default value is true.
Text	It is used to get or set text associated with TextBox Control.
TextAlign	It is used to get or set alignment of the text associated with TextBox Control.
Visible	It is used to specify weather TextBox Control is visible or not
	at run time. It has Boolean value. Default value is true.
WordWrap	It is used to specify weather line will be automatically word
	wrapped while entering multiple line of text in TextBox
	control or not. It has Boolean value. Default value is true.
SelectionStart	It is used to get or set starting point of the text selected in the TextBox.
SelectionLength	It is used to get or set number of characters selected in the TextBox.
SelectedText	It is used to get or set currently selected text in TextBox.

## Methods of Textbox Control in VB.NET

Method	Purpose
AppendText	It is used to append text at the end of current text in TextBox Control.
Clear	It is used to clear all text from TextBox Control.
Cut	It is used to move current selection of TextBox into clipboard.
Copy	It is used to copies selected text of TextBox in clipboard.
Paste	It is used to replace current selection of TextBox by contents of clipboard. It is
	also used to move contents of Clipboard to TextBox control where cursor .
	is currently located
Select	It is used to select specific text from TextBox.
SelectAll	It is used to select all text of TextBox.
DeselectAll	It is used to deselect all text selected in TextBox.
Undo	It is used to undo last edit operation of TextBox.
ClearUndo	It is used to clear information from the Undo buffer of the TextBox.
Show	It is used to show TextBox at run time.
Hide	It is used to hide TextBox at run time.
Focus	It is used to set input focus to textbox Control.

## Events of Textbox Control

Event	Purpose
TextChanged	It is the default event of TextBox Control. It fires each time a text in the TextBox control is changed.
GotFocus	It fires each time a focus is set on TextBox.
LostFocus	It fires each time a focus is lost from TextBox.