

## Some important Keywords in VB.NET

### 1. Object Properties:

Any tool (also called object or control in vb.net has properties which can be changed ) directly in design window or it can be changed by writing code. To write code for change properties the following rule is applied:

**Control name. Property = property Value**

The properties window displays the properties for a form or control. Properties are attributes such as size, position, etc. like a form; each control type has its own set of properties. Some properties, like width and height, such as, are common to both forms and controls, while other properties are unique to form or control. Controls often differ in the number and type of properties. Properties are listed either alphabetically (by selecting the alphabetic tab) or categorically (by selecting the categorized tab). The most important properties of the objects in general are listed in the following table:

| Property          | Description  |
|-------------------|--|
| <b>Font</b>       | Gets or sets the font of the text displayed by the control.  |
| <b>ForeColor</b>  | Gets or sets the foreground color of the control which is the string written on the object to change it from the code use as example:<br><code>TextBox1.ForeColor = Color.Red</code><br>The color is selected by designer. |
| <b>Background</b> | Background color for object. <code>TextBox1.BackColor = Color.Yellow</code>  |
| <b>Text</b>       | Allows inputting and editing text in object. <code>TextBox1.Text = " ali "</code>  |
| <b>Visible</b>    | The tool is visible or invisible. <code>TextBox1.Visible = True</code>   |
| <b>Enable</b>     | The tool enable or disable <code>TextBox1.Enabled = False</code>   |
| <b>Height</b>     | Length of object <code>Button1.Height = 150</code>   |
| <b>Width</b>      | Width of object <code>Button1.Width = 100</code>   |
| <b>Top</b>        | Coordinates of top of object on screen <code>TextBox1.Top = True</code>  |

|             |   |
|-------------|---|
| <b>Left</b> | Coordinates of left of object on screen <code>TextBox1.Left = True</code> |
|-------------|---|

Some special properties of Textbox control:

| Property            | Description   |
|---------------------|---|
| <b>Multiline</b>    | Gets or sets a value indicating whether this is a multiline TextBox control.<br><code>TextBox1.Multiline = True</code>  |
| <b>PasswordChar</b> | Gets or sets the character used to mask characters of a password in a single-line TextBox control.<br><code>TextBox1.PasswordChar = "*" </code>   |
| <b>ReadOnly</b>     | Gets or sets a value indicating whether text in the text box is read-only.<br><code>TextBox1.ReadOnly = True</code>   |
| <b>ScrollBars</b>   | Gets or sets which scroll bars should appear in a multiline TextBox control. This property has values : <ul style="list-style-type: none"> <li>• None</li> <li>• Horizontal</li> <li>• Vertical</li> <li>• Both</li> </ul> <code>TextBox1.ScrollBars = ScrollBars.Both</code><br><code>TextBox1.ScrollBars = ScrollBars.Horizontal</code><br>ScrollBars to be viewed must multiline property set to true. |
| <b>TextAlign</b>    | Gets or sets how text is aligned in a TextBox control. This property has values: <ul style="list-style-type: none"> <li>• Left</li> <li>• Right</li> <li>• Center</li> </ul> <code>TextBox1.TextAlign = HorizontalAlignment.Right</code>  |
| <b>MaxLength</b>    | Gets the length of text in the control.<br><code>TextBox1.MaxLength = 300</code>  |
| <b>WordWrap</b>     | Indicates whether a multiline text box control automatically wraps words to the beginning of the next line when necessary.<br><code>TextBox1.WordWrap = False</code>  |