

## Experiment 3:

Classic control in

VB.net IDE

### Aim:

To implement various classic controls in VB.net IDE.

### Theory:

Classic controls refer to the essential user interface elements available in the Toolbox. These controls are fundamental for building the graphical user interface of applications. Key controls include button, label, textbox, listbox, combobox, checkbox, radio button, picture box etc. Each control serves a specific purpose such as buttons for user actions, textbox for input, and labels for displaying static text. Additionally, there are controls designed for more complex interfaces and data handling. These include Hscrollbar, Vscrollbar, GroupBox, Panel, TabControl, DataGridView, etc. These controls help developers create organised, interactive and data rich applications. By combining these classic controls, developers can design and implement comprehensive user interface.

tailored to their application's needs.

Some commonly used controls:

### (1) Textbox -

With the textbox control, the user can enter the text in an application. This control has additional functionality that is not found in the standard windows textbox control, including multiline editing and password masking.

### (2) Label -

Label controls are used to display text or images that cannot be edited by the user. They are used to identify objects on a form and to provide a description of what a certain control will do if clicked.

### (3) Button -

Button control allows the user to click it to perform an action. When the button is clicked, it looks as if it is being pushed in and released. Whenever the user clicks a button, the click event handler is invoked.

### (4) Picture Box -

Picture Box control is used to display the images on windows form. The Picture Box control has an image property that allows the user to set the image at runtime or design time.

### (5) Group Box-

Group Box controls are used to provide an identifiable grouping for other controls. The Group Box control is similar to the Panel control.

### (6) Radio Button-

The radio button is used to select one option from the number of choices. If we want to select only one item from a related or group of items in the windows forms, we can use the radio button.

### (7) Check Box-

The windows form check box control indicates whether a particular condition is on or off. It is commonly used to present Yes/No or True/False selection the user.

### (8) Linked Label-

Linked label control enable a user to hyperlink to a URL that points to either the web or the local directory system. The idea is to put the email address or web URL into the Text Property of a Link label component, then when the label is clicked, then link clicked event is triggered.

# Login

Please Enter your Credentials

## Personal Information

Personal Information

Name	Rashi Shah
DOB	08/03
Gender	<input type="radio"/> Male <input checked="" type="radio"/> Female <input type="radio"/> Other
<input type="button" value="Submit"/>	

Your Name	Rashi Shah
Your Date of Birth	08/03/2017
Your Gender	Female
<input type="button" value="OK"/>	

Coding Language

Please Enter your Credentials

## Personal Information

Personal Information

Name	Rashi Shah
DOB	08/03
Gender	<input type="radio"/> Male <input checked="" type="radio"/> Female <input type="radio"/> Other
<input type="button" value="Submit"/>	

Coding Language

Coding Languages

- HTML
- Web Development
- Python
- Java
- C++
- JavaScript
- C#

Submit

Procedure:

Experiment 3A

```

namespace EUPERP3 {
public partial class Form1:Form {
public Form1() {
InitializeComponent();
groupBox1.Visible = false;
groupBox2.Visible = false;
pictureBox1.Visible = false;
}
}

```

```

private void button1_Click (object sender,
EventArgs e) {
}

```

```

groupBox1.Visible = true;
}

```

```

private void button2_Click (object sender,
EventArgs e) {
}

```

```

if (radioButton1.Checked == true) {
}

```

```

MessageBox.Show ("Your name: " +
textBox1.Text + "\n Your Date of Birth: " +
textBox3.Text + "\n Your Gender: Male");
}

```

```

else if (radioButton2.Checked == true) {
}

```

```

MessageBox.Show ("Your Name: " +
textBox1.Text + "\n Your Date of Birth: " +
textBox3.Text + "\n Your Gender:
Female");
}

```



47  
else if (radioButton3.checked == true) {  
MessageBox.Show("Your Name" + textBox1.Text +  
"\n Your Date of Birth: " + textBox3.Text +  
"\n Your Gender: Others");  
}

groupBox2.Visible = true;  
}

private void button3\_Click(object sender,  
EventArgs e) {

groupBox2.Visible = true;  
}

private void button4\_Click(object sender,  
EventArgs e) {

pictureBox1.Visible = true;

groupBox1.Visible = false;

groupBox2.Visible = false;

button1.Visible = false;

label2.Visible = false;

button3.Visible = false;

}

}

}

<div class="display: flex; justify-content: space-between; align-items: center; padding: 10px 0 10px 10px;">
 <div style="width: 45%; text-align: center;">
 <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 5px;">
 Show my Details
 </div>
 <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 5px;">
 Hide my details
 </div>
 </div>
 <div style="width: 45%; text-align: center;">
 <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;">
 Name Rashi Shakti  
 Age 17  
 Gender Female  
 Roll No. 8050
 </div>
 </div>
 </div>
 </p>
</div>

<div class="display: flex; justify-content: space-between; align-items: center; padding: 10px 0 10px 10px;">
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 Age 17  
 Gender Female  
 Roll No. 8050
 </div>
 </div>
 </div>
 </p>
</div>

Scanned with OKEN Scanner

## Experiment 3B

```
namespace Exp3B
```

```
{
    public partial class Form1: Form
```

```
{
    public Form1()
```

```
{
    InitializeComponent();
```

```
    groupBox1.Visible = false;
```

```
    private void button1_Click(object sender,
        EventArgs e)
```

```
{
```

```
    pictureBox1.SizeMode = PictureBoxSizeMode.
```

```
    StretchImage;
```

```
    pictureBox1.Image = Image.FromFile(@"c:\
    users\Rashi\pgh\");
```

```
    groupBox1.Visible = true;
```

```
    private void button2_Click(object sender,
        EventArgs e)
```

```
{
```

```
    groupBox1.Visible = false;
```

```
}
```

```
}
```