

OUTPUT

Window TextBox - □ x

TextBox1

TextBox2

Window TextBox - □ x

TextBox1

TextBox2

Window TextBox - □ x

TextBox1

TextBox2

Window TextBox - □ x

TextBox1

TextBox2

TextBox

Public Class Form1

```
Private Sub Form1_Load (ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles MyBase.Load  
Me.Text = "Window TextBox"
```

End Sub

```
Private Sub Button1_Click (ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button1.Click
```

TextBox1.ForeColor = Color.Magenta

TextBox1.TextAlign = HorizontalAlignment.Center

TextBox2.ForeColor = Color.Red

TextBox2.TextAlign = HorizontalAlignment.Center

End Sub

```
Private Sub Button2_Click (ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button2.Click
```

TextBox1.Clear()

TextBox2.Clear()

End Sub

End Class

OUTPUT

Radio Button & CheckBox - □ x

Hobbies ☐ Reading
☐ Writing
☐ Listening

Courses

Course ☐ BCA
☐ MSc-IT
☐ BSc-CA

Your Hobbies

Radio Button & CheckBox - □ x

Hobbies ☐ Reading
☐ Writing
☐ Listening

Courses

Course ☒ BCA
☐ MSc-IT
☐ BSc-CA

Your Hobbies

BSc-window-Rd Bt - ChBox x

You have selected BCA

OK

Radio Button

Public Class Form1

 'Radio Button'

 Private Sub RadioButton1_CheckedChanged (ByVal sender As System.Object,
 ByVal e As System.EventArgs) Handles RadioButton1.CheckedChanged

 If RadioButton1.Checked = True Then

 MsgBox("You have selected BCA")

 End If

 End Sub

 Private Sub RadioButton2_CheckedChanged (ByVal sender As System.Object,
 ByVal e As System.EventArgs) Handles RadioButton2.CheckedChanged

 If RadioButton2.Checked = True Then

 MsgBox("You have selected MSc-IT")

 End If

 End Sub

 Private Sub RadioButton3_CheckedChanged (ByVal sender As System.Object,
 ByVal e As System.EventArgs) Handles RadioButton3.CheckedChanged

 If RadioButton3.Checked = True Then

 MsgBox("You have selected BSc-CA")

 End If

 End Sub

End Class

Radio Button & CheckBox - □ ×

Hobbies ☒ Reading
☒ Writing
☐ Listening

Courses

Course ☒ BCA
☐ MSc-IT
☐ BSc-CA

Your Hobbies

CheckBox

Public Class Form1

'CheckBox'

Private Sub CheckBox1_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles CheckBox1.CheckedChanged

If CheckBox1.Checked = True Then

TextBox1.Text = CheckBox1.Text & TextBox1.Text

Else

TextBox1.Text = " "

End If

End Sub

Private Sub CheckBox2_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles CheckBox2.CheckedChanged

If CheckBox2.Checked = True Then

TextBox1.Text = CheckBox2.Text & TextBox1.Text

Else

TextBox1.Text = " "

End If

End Sub

Private Sub CheckBox3_CheckedChanged(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles CheckBox3.CheckedChanged

If CheckBox3.Checked = True Then

TextBox1.Text = CheckBox3.Text & TextBox1.Text

Else

TextBox1.Text = " "

End If

End Sub

End Class

OUTPUT

Window ListBox & ComboBox - □ x

ListBox

BCA
MSC-IT
BSc
BBA
BCOM

ComboBox

Add

Remove

Add

Remove

Window ListBox & ComboBox - □ x

ListBox

BCA
MSC-IT
BSc
BBA
BCOM

ComboBox

Add

Remove

BA |

Add

Remove

Window ListBox & ComboBox - □ x

ListBox

BCA
MSC-IT
BSc
BBA
BCOM
BA

ComboBox

Add

Remove

Add

Remove

Window ListBox & ComboBox - □ x

ListBox

BCA
BSc
BBA

ComboBox

Add

Remove

Add

Remove

List Box

Public Class Form1

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

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button1.Click  
ListBox1.Items.Add(TextBox1.Text)  
TextBox1.Clear()
```

End Sub

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button2.Click  
ListBox1.Items.Remove(ListBox1.SelectedItem)  
TextBox1.Clear()
```

End Sub

End Class

OUTPUT

Window ListBox & ComboBox - □ x

ListBox	ComboBox
BCA	✓
BSc	10th
BBA	12th
	Graduate
	Post Graduate

Add Remove

Add Remove

Window ListBox & ComboBox - □ x

ListBox	ComboBox
BCA	✓
BSc	10th
BBA	12th
	Graduate
	Post Graduate

Add Remove

Add Remove

Window ListBox & ComboBox - □ x

ListBox	ComboBox
BCA	✓
BSc	10th
BBA	Graduate
	Post Graduate

Add Remove

Add Remove

ComboBox

Public Class Form1

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

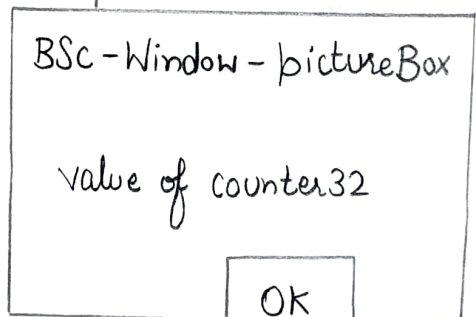
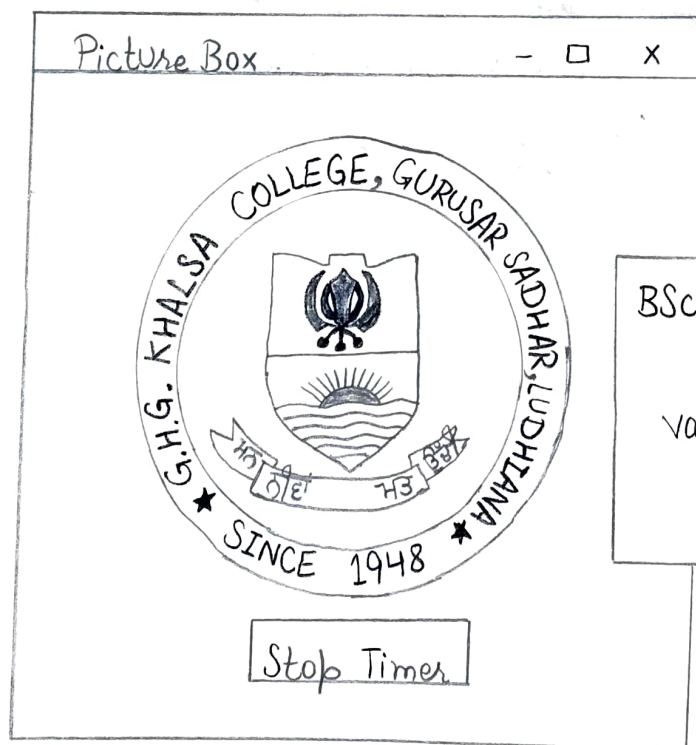
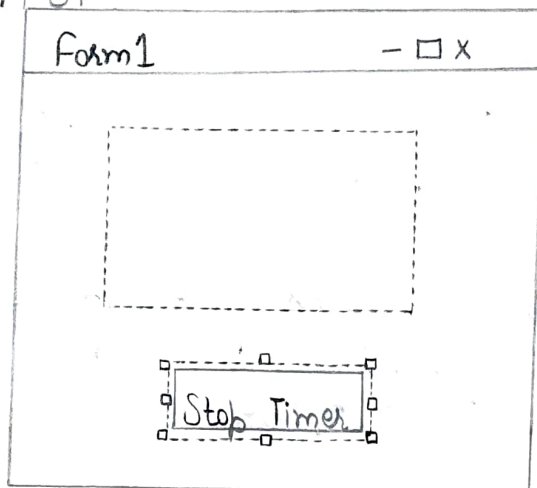
Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click
 ComboBox1.Items.Add(TextBox2.Text)
 TextBox2.Clear()
End Sub

Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button4.Click
 ComboBox1.Items.Remove(ComboBox1.SelectedItem)
 TextBox2.Clear()
End Sub

End Sub

End Class

OUTPUT



Picture Box & Timer Control

Public Class Form1

Dim counter As Integer

Private Sub Timer1_Tick(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Timer1.Tick
 counter = counter + 1

End Sub

Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
 Me.Text = "Picture Box"

 PictureBox1.Image = Image.FromFile("D:\BSc-Window-picturebox
 \BSc-Window-picturebox\logo-degree.png")
 Timer1.Start()

End Sub

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
 Timer1.Stop()

 MsgBox("Value of counter" & counter)

End Sub

End Class

Output

Welcome to the Visual Basic dot Net

Press any key to exist?

8. Write a simple program to print a statement in VB.NET. (If-Then)

Module1.vb

Module Module1

 'Declaration of string str

 Dim str As String = "Visual Basic dot Net"

 Sub Main()

 If str = "Visual Basic dot Net" Then

 Console.WriteLine("Welcome to the Visual Basic dot Net")

 End If

 Console.WriteLine("Press any key to exit?")

 Console.ReadKey()

 End Sub

End Module

Output

Enter The Number

10

It is an even number

Press any key to exist.....

9. Write a program to check whether the number is even or odd.
If Else statement. Vb

Module If Else statement

Sub Main()

Dim num As Integer

Console.WriteLine("Enter the Number")

num = Console.ReadLine() 'read data from console

If (num Mod 2 = 0) Then 'if condition is true, print the if statement

Console.WriteLine("It is an even number")

Else 'otherwise, Else statement is executed

Console.WriteLine("It is an odd number")

End If

Console.WriteLine("Press any key to exit....")

Console.ReadKey()

End Sub

End Module

OUTPUT

Input the value of var1

706

Entered Value is Greater than 100

You have entered: 706

Press any key to exist

10. Write a program to show the uses of If...ElseIf statements.
if elseIf.vb

Module if elseIf
Sub Main()

Dim var1 As Integer

Console.WriteLine("Input the value of var1:")

var1 = Console.ReadLine()

If var1 = 20 Then

'if condition is true then print the following statement'

Console.WriteLine("Entered value is equal to 20")

ElseIf var1 < 50 Then

Console.WriteLine("Entered value is less than 50")

ElseIf var1 >= 100 Then

Console.WriteLine("Entered value is greater than 100")

Else

'if none of the above condition is satisfied, print the following statement'

Console.WriteLine("Value is not matched with above condition")

End If

Console.WriteLine("You have entered: {0}", var1)

Console.WriteLine("Press any key to exit...")

Console.ReadKey()

End Sub

End Module

OUTPUT

Well done

Your grade is B

11. Write a program to show the uses of select Case Statement.

Module decisions

Sub Main()

 'local variable definition

 Dim grade As Char

 grade = "B"

 Case "A"

 Console.WriteLine("Excellent!")

 Case "B", "C"

 Console.WriteLine("Well done")

 Case "D"

 Console.WriteLine("You passed")

 Case "F"

 Console.WriteLine("Better try again")

 Case Else

 Console.WriteLine("Invalid grade")

End Select

Console.WriteLine("Your grade is {0}", grade)

Console.ReadKey()

End Sub

End Module