

PROGRAM-1

OBJECTIVE:

Write a program to print name, age, address and image on the click of submit button.

CODING:

```
PublicClass Form1

PrivateSub Label2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label2.Click
EndSub

ProtectedSub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
    Label4.Visible = True
    Label4.Text = " hi..!!! " + TextBox1.Text + " your age is " +
TextBox2.Text + " your address is " + TextBox3.Text
EndSub

PrivateSub Form1_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
EndSub

PrivateSub PictureBox1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles PictureBox1.Click
EndSub

PrivateSub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox1.TextChanged
EndSub

PrivateSub Label1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label1.Click
EndSub

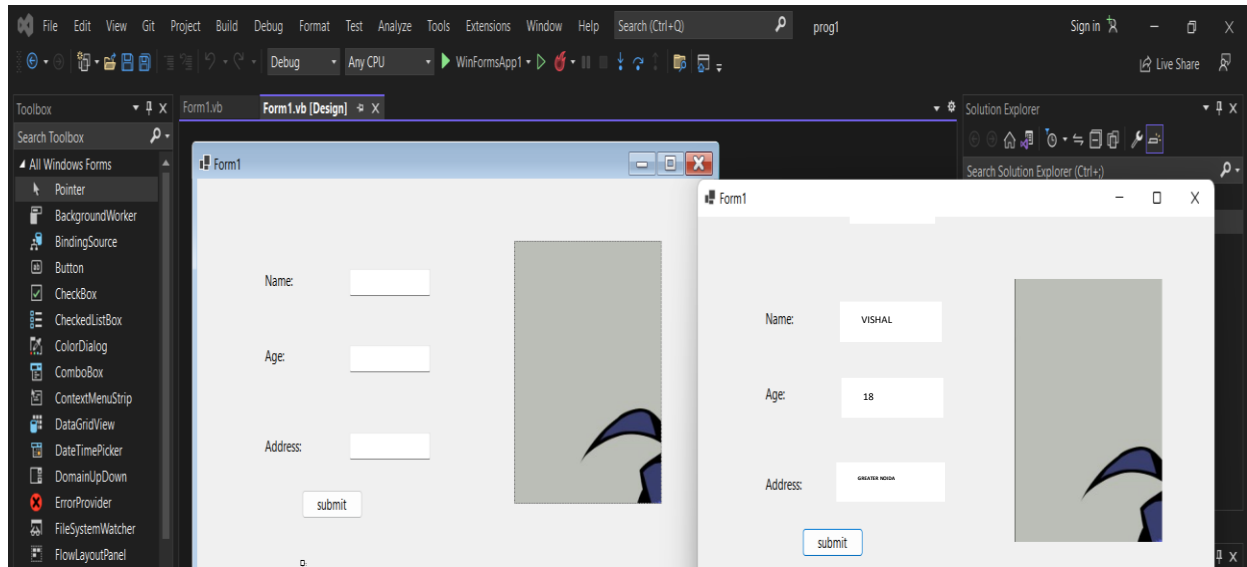
PrivateSub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox2.TextChanged
EndSub

PrivateSub Label3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label3.Click
EndSub

PrivateSub TextBox3_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox3.TextChanged
EndSub

EndClass
```

OUTPUT:



PROGRAM-2

OBJECTIVE:

Write a program to calculate the sum of two numbers in console application and windows form application.

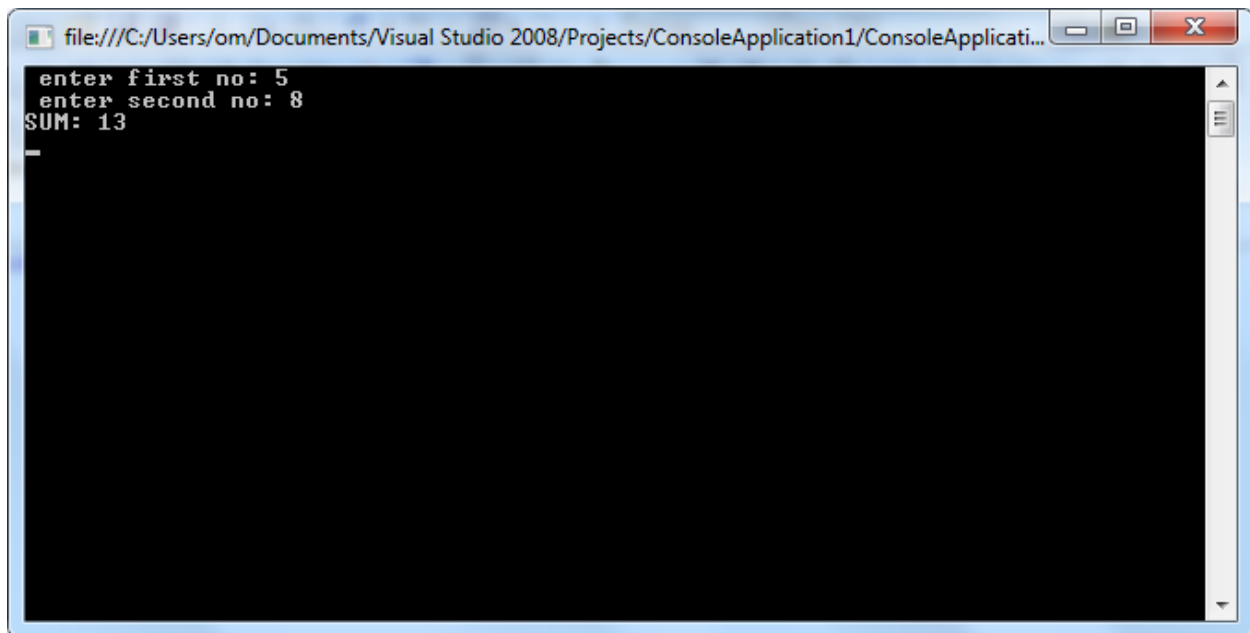
CODING (console application):

```
Module Module1

Sub Main()
Dim a, b As Integer
    Console.Write(" enter first no: ")
    a = Console.ReadLine()
    Console.Write(" enter second no: ")
    b = Console.ReadLine()
    Console.Write("SUM: ")
    Console.WriteLine(a + b)
    Console.ReadLine()
EndSub

EndModule
```

OUTPUT:

A screenshot of a console application window. The title bar shows the file path: file:///C:/Users/om/Documents/Visual Studio 2008/Projects/ConsoleApplication1/ConsoleApplicati... The window contains a black console area with white text. The text shows the program's execution: 'enter first no: 5', 'enter second no: 8', and 'SUM: 13'. There is a small cursor line below the output. The window has standard Windows XP-style controls (minimize, maximize, close) in the top right corner.

CODING(windows form application):

```
PublicClass Form1

PrivateSub Label2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label2.Click
EndSub

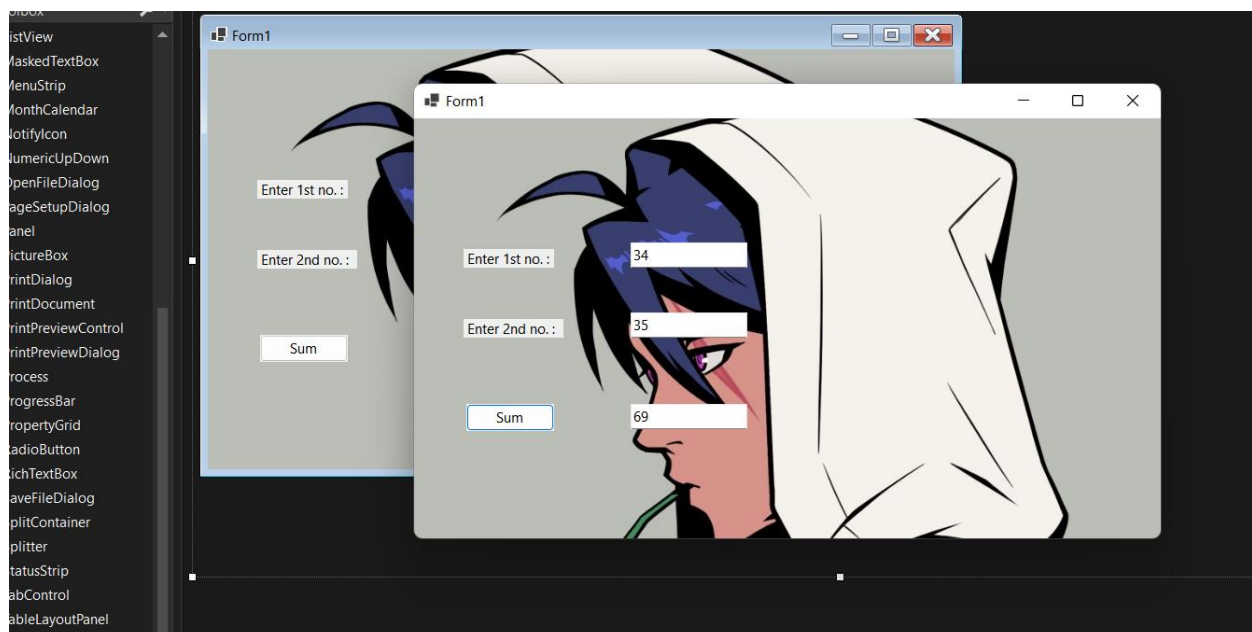
PrivateSub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
Dim a As Integer = CInt(TextBox1.Text)
Dim b As Integer = CInt(TextBox2.Text)
Dim c As Integer
    c = a + b
    TextBox3.Text = c
EndSub
PrivateSub Label1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label1.Click
EndSub

PrivateSub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox1.TextChanged
EndSub

PrivateSub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox2.TextChanged
EndSub

PrivateSub TextBox3_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox3.TextChanged
EndSub
EndClass
```

OUTPUT:



PROGRAM-3

OBJECTIVE:

Write a program to calculate the sum and multiply of two numbers in windows form application.

CODING:

```
PublicClass Form1

PrivateSub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
Dim a AsInteger = CInt(TextBox1.Text)
Dim b AsInteger = CInt(TextBox2.Text)
Dim d AsInteger
    d = a * b
    TextBox3.Text = d
EndSub

PrivateSub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
Dim a AsInteger = CInt(TextBox1.Text)
Dim b AsInteger = CInt(TextBox2.Text)
Dim c AsInteger
    c = a + b
    TextBox3.Text = c
EndSub

PrivateSub Label1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label1.Click

EndSub

PrivateSub Label2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label2.Click

EndSub

PrivateSub Label3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label3.Click

EndSub

PrivateSub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox1.TextChanged

EndSub

PrivateSub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox2.TextChanged

EndSub

PrivateSub TextBox3_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox3.TextChanged

EndSub
```

EndClass

OUTPUT:

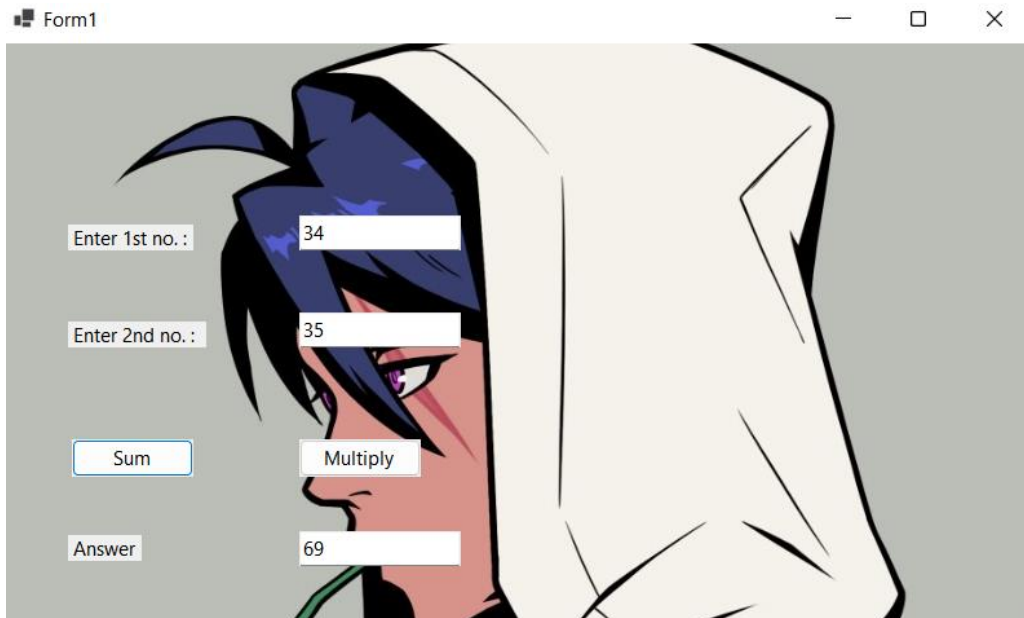
Form1

Enter 1st no. : 34

Enter 2nd no. : 35

Sum Multiply

Answer 69



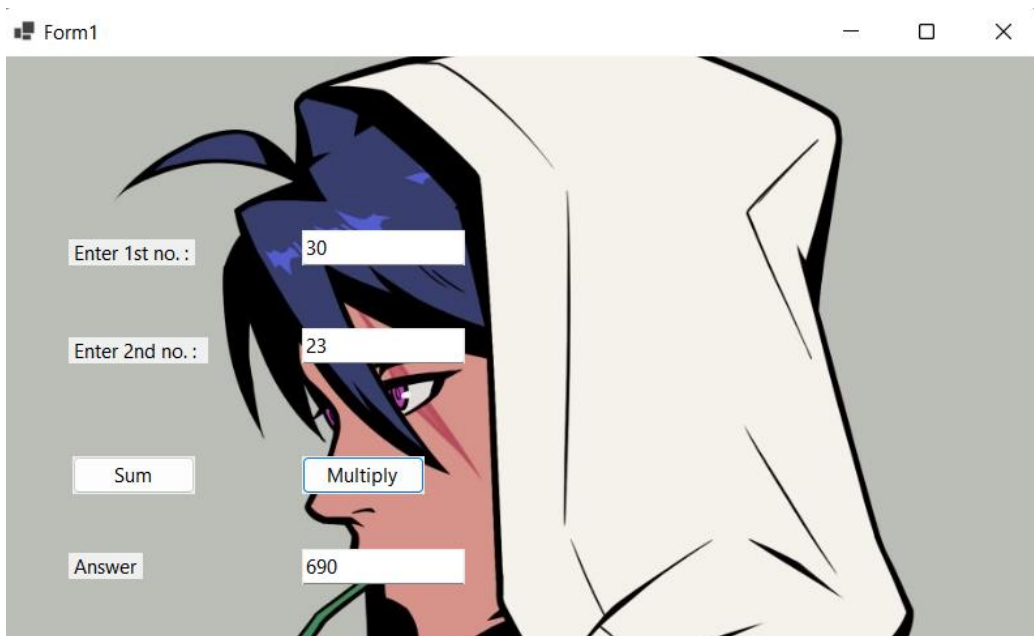
Form1

Enter 1st no. : 30

Enter 2nd no. : 23

Sum Multiply

Answer 690



PROGRAM-4

OBJECTIVE:

Write a program to create the calculator.

CODING:

```
PublicClass Form1
PrivateSub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
Dim a AsInteger = CInt(TextBox1.Text)
Dim b AsInteger = CInt(TextBox2.Text)
Dim c AsInteger
    c = a * b
    TextBox3.Text = c
EndSub

PrivateSub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
Dim a AsInteger = CInt(TextBox1.Text)
Dim b AsInteger = CInt(TextBox2.Text)
Dim c AsInteger
    c = a + b
    TextBox3.Text = c
EndSub

PrivateSub Label1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label1.Click
EndSub

PrivateSub Label2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label2.Click
EndSub

PrivateSub Label3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label3.Click
EndSub

PrivateSub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox1.TextChanged
EndSub

PrivateSub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox2.TextChanged
EndSub

PrivateSub TextBox3_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles TextBox3.TextChanged
EndSub

PrivateSub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button3.Click
Dim a AsInteger = CInt(TextBox1.Text)
Dim b AsInteger = CInt(TextBox2.Text)
Dim c AsInteger
    c = a - b
    TextBox3.Text = c
EndSub

PrivateSub Button4_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button4.Click
Dim a AsInteger = CInt(TextBox1.Text)
Dim b AsInteger = CInt(TextBox2.Text)
```

```
Dim c As Integer
    c = a / b
    TextBox3.Text = c
EndSub
EndClass
```

OUTPUT:

A screenshot of a Windows application window titled "Form1". The background features a stylized anime-style character with blue hair and a white hood. The interface includes two input fields: "Enter 1st no. :" with the value "30" and "Enter 2nd no. :" with the value "23". Below these are two buttons: "Sum" and "Multiply". At the bottom, there is an "Answer" label and a text box displaying the value "690".

A second screenshot of the same "Form1" application. The input fields now contain "34" for "Enter 1st no. :" and "35" for "Enter 2nd no. :". The "Sum" button is highlighted with a blue border. The "Answer" text box now displays the value "69".

Form1

Enter 1st no. : 30

Enter 2nd no. : 12

Sum Multiply Divide Subtract

Answer 18

Form1

Enter 1st no. : 690

Enter 2nd no. : 10

Sum Multiply Divide Subtract

Answer 69

PROGRAM-5

OBJECTIVE:

Write a program to access function in module one from another module.

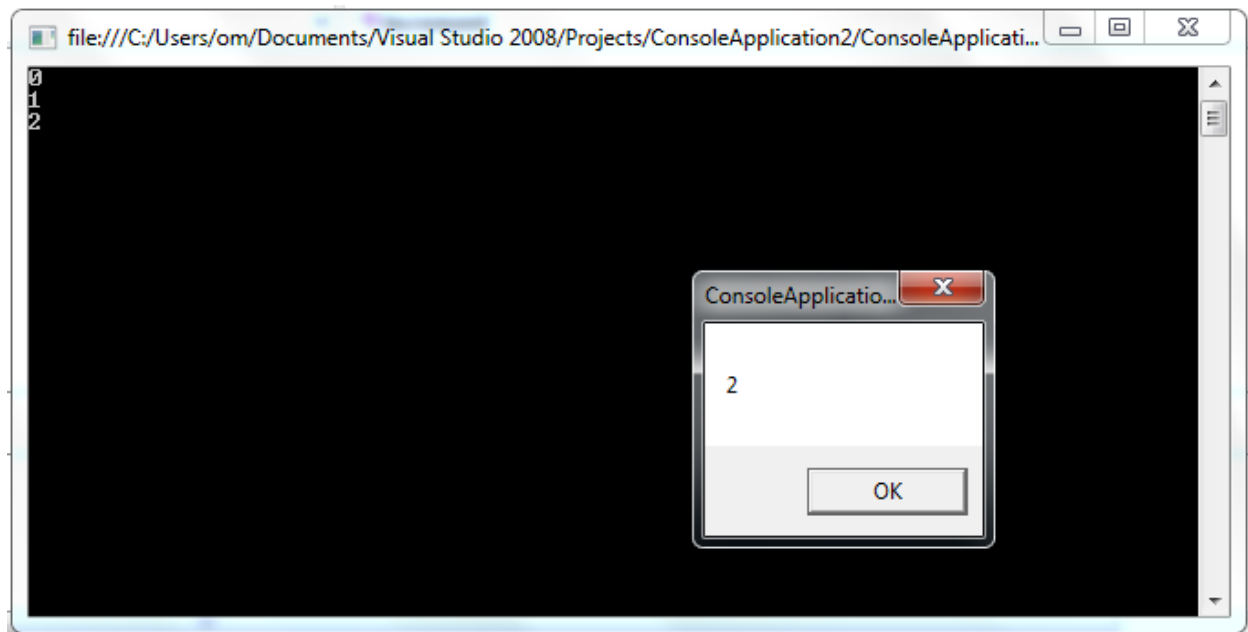
CODING:

```
Module Module1

Sub Main()
'use module2
'it does not need to be created.
    module2.increment()
    module2.increment()
    module2.increment()
EndSub

EndModule
Module module2
Dim _value As Integer
Sub increment()
'the value is shared.
    Console.WriteLine(_value)
    MsgBox(_value)
'change the value.
    _value += 1
EndSub
EndModule
```

OUTPUT:



PROGRAM-6

OBJECTIVE:

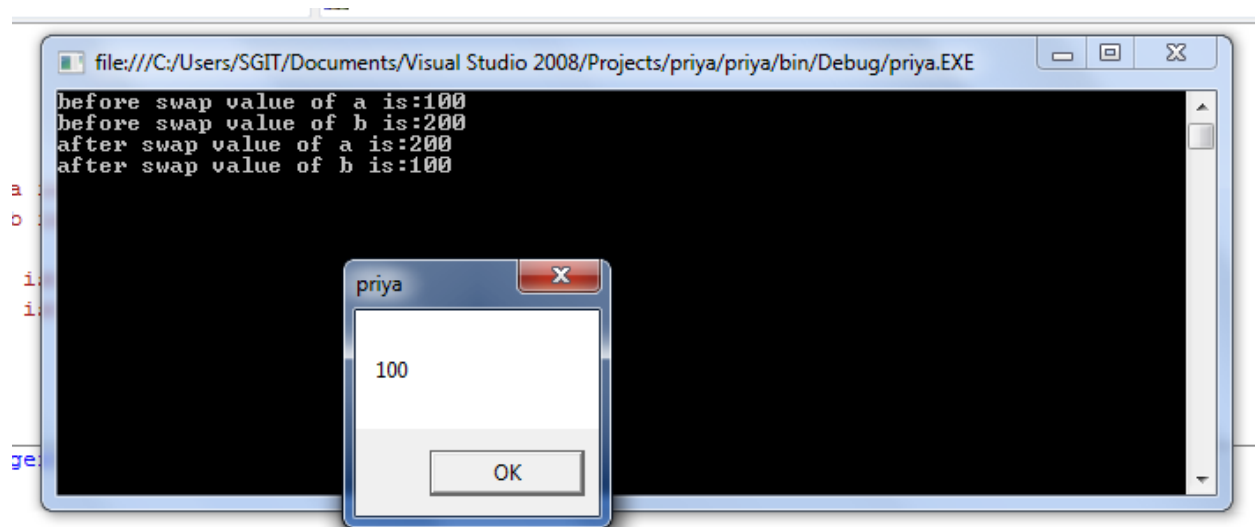
Write a program to swap two numbers using value of the parameters (pass by reference).

CODING:

```
Module Module1

Sub Main()
Dim a AsInteger = 100
Dim b AsInteger = 200
    Console.WriteLine("before swap value of a is:{0}", a)
    Console.WriteLine("before swap value of b is:{0}", b)
    swap(a, b)
    Console.WriteLine("after swap value of a is:{0}", a)
    Console.WriteLine("after swap value of b is:{0}", b)
    MsgBox(a)
    MsgBox(b)
EndSub
Sub swap(ByRef x AsInteger, ByRef y AsInteger)
Dim temp AsInteger
    temp = x
    x = y
    y = temp
EndSub
EndModule
```

OUTPUT:



PROGRAM-7

OBJECTIVE:

Write a program to find prime numbers from 2 to 100 using nesting of for loop.

CODING:

```
Module Module1

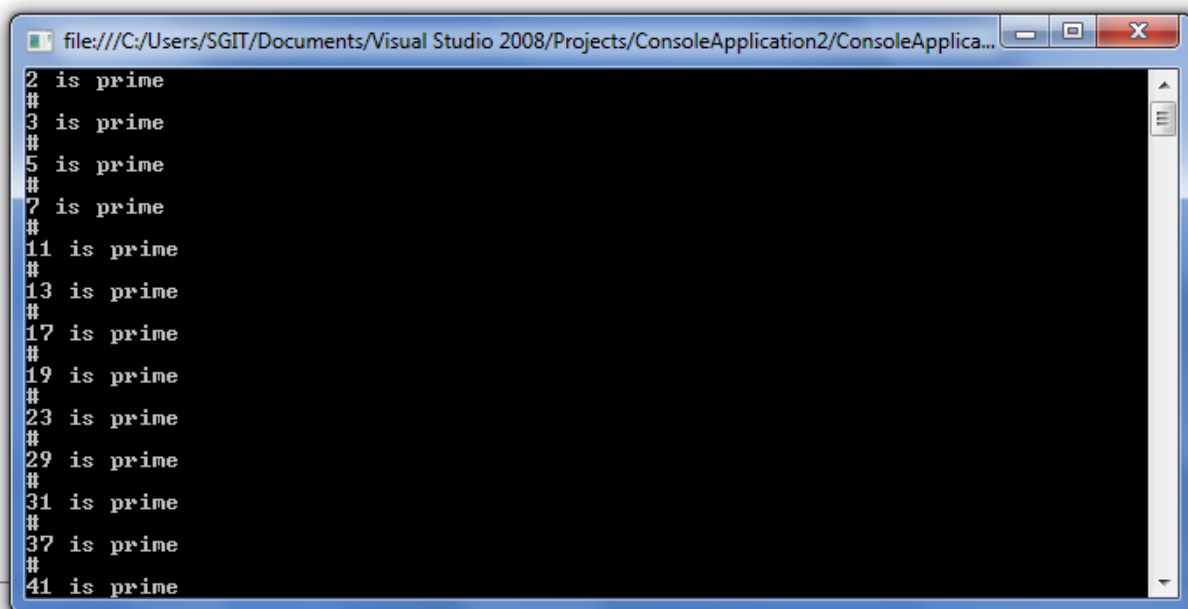
Sub Main()
Dim i, j As Integer
For i = 2 To 100
For j = 2 To i
If ((i Mod j) = 0) Then
ExitFor
EndIf
Next j
If (j > (i \ j)) Then
Console.WriteLine("#")
Console.WriteLine("{0} is prime", i)

EndIf
Next i
Console.ReadLine()

EndSub

EndModule
```

OUTPUT:



```
file:///C:/Users/SGIT/Documents/Visual Studio 2008/Projects/ConsoleApplication2/ConsoleApplica...
# 2 is prime
#
# 3 is prime
#
# 5 is prime
#
# 7 is prime
#
# 11 is prime
#
# 13 is prime
#
# 17 is prime
#
# 19 is prime
#
# 23 is prime
#
# 29 is prime
#
# 31 is prime
#
# 37 is prime
#
# 41 is prime
```

PROGRAM-8

OBJECTIVE:

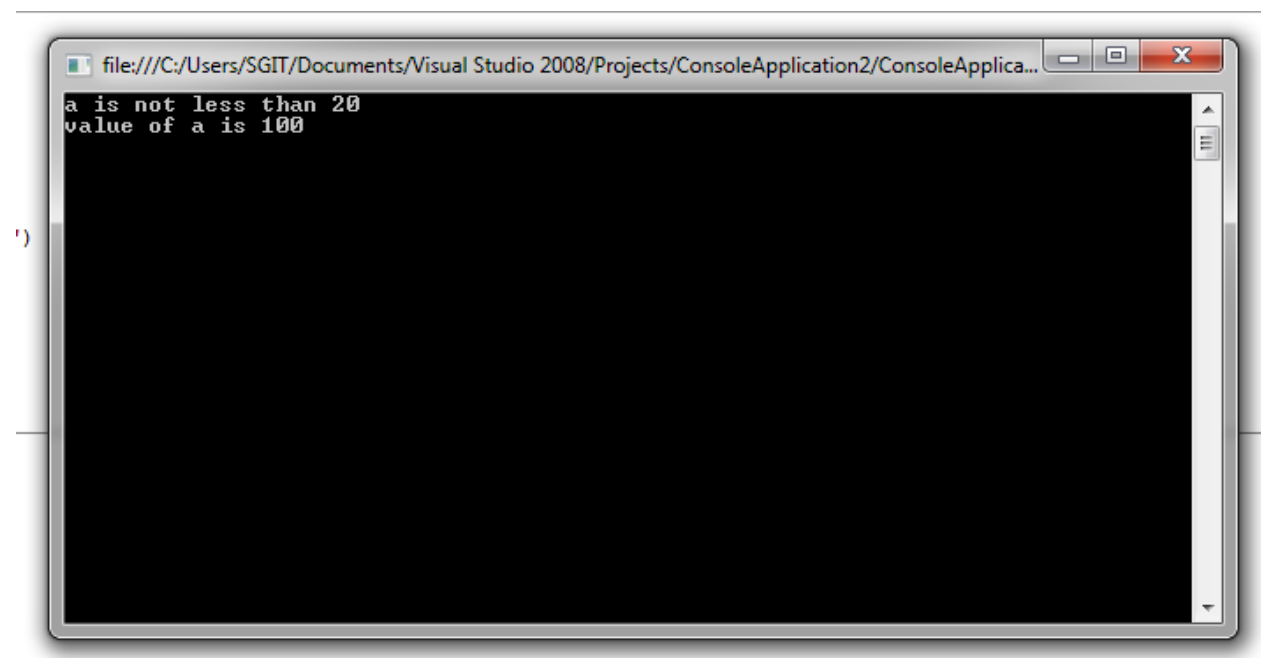
Write a program to check the number is less or more than a number using If & Else.

CODING:

```
Module module1

Sub Main()
Dim a AsInteger = 100
If (a < 20) Then
    Console.WriteLine("a is less than 20")
Else
    Console.WriteLine("a is not less than 20")
EndIf
    Console.WriteLine("value of a is {0}", a)
    Console.ReadLine()
EndSub
EndModule
```

OUTPUT:



PROGRAM-9

OBJECTIVE:

Write a program to check the number range using If, Else & ElseIf.

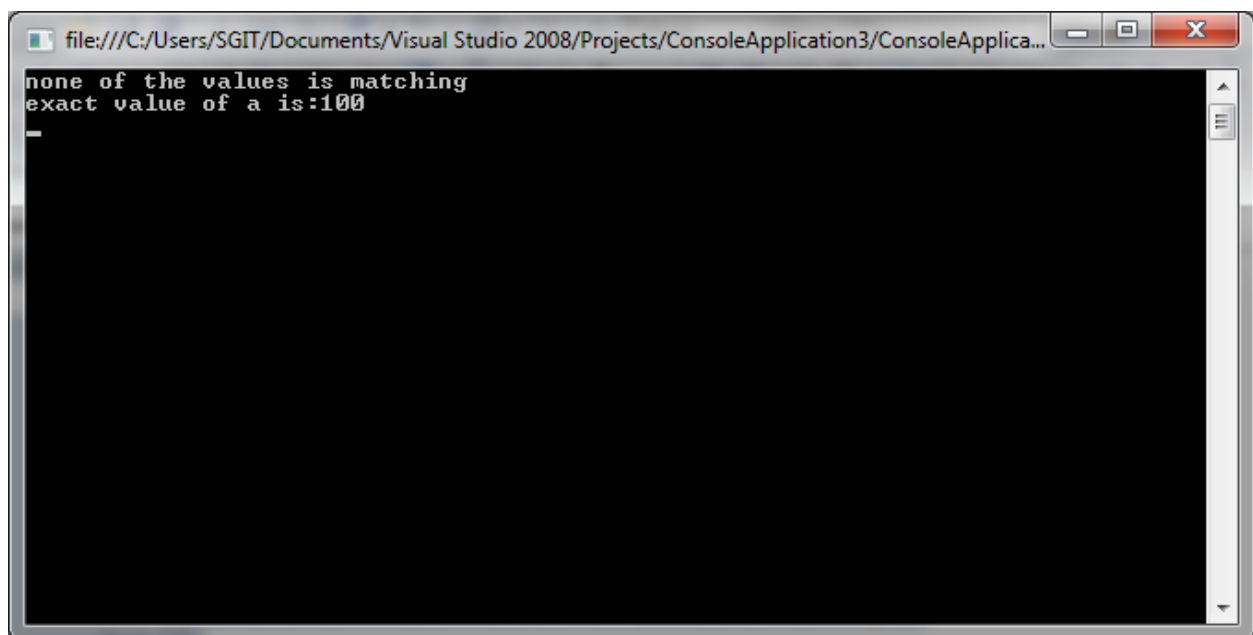
CODING:

```
Module Module1

Sub Main()
Dim a AsInteger = 100
If (a = 10) Then
    Console.WriteLine("value of a is 10")
ElseIf (a = 20) Then
    Console.WriteLine("value of a is 20")
ElseIf (a = 30) Then
    Console.WriteLine("value of a is 30")
Else
    Console.WriteLine("none of the values is matching")
EndIf
    Console.WriteLine("exact value of a is:{0}", a)
    Console.ReadLine()
EndSub

EndModule
```

OUTPUT:

A screenshot of a Windows console application window. The title bar shows the file path: file:///C:/Users/SGIT/Documents/Visual Studio 2008/Projects/ConsoleApplication3/ConsoleApplica... The window has standard minimize, maximize, and close buttons. The console area is black with white text. The output consists of two lines: "none of the values is matching" followed by "exact value of a is:100". There is a small cursor at the end of the first line.

```
file:///C:/Users/SGIT/Documents/Visual Studio 2008/Projects/ConsoleApplication3/ConsoleApplica...
none of the values is matching
exact value of a is:100
```

PROGRAM-10

OBJECTIVE:

Write a program to print the values of an array of size[10].

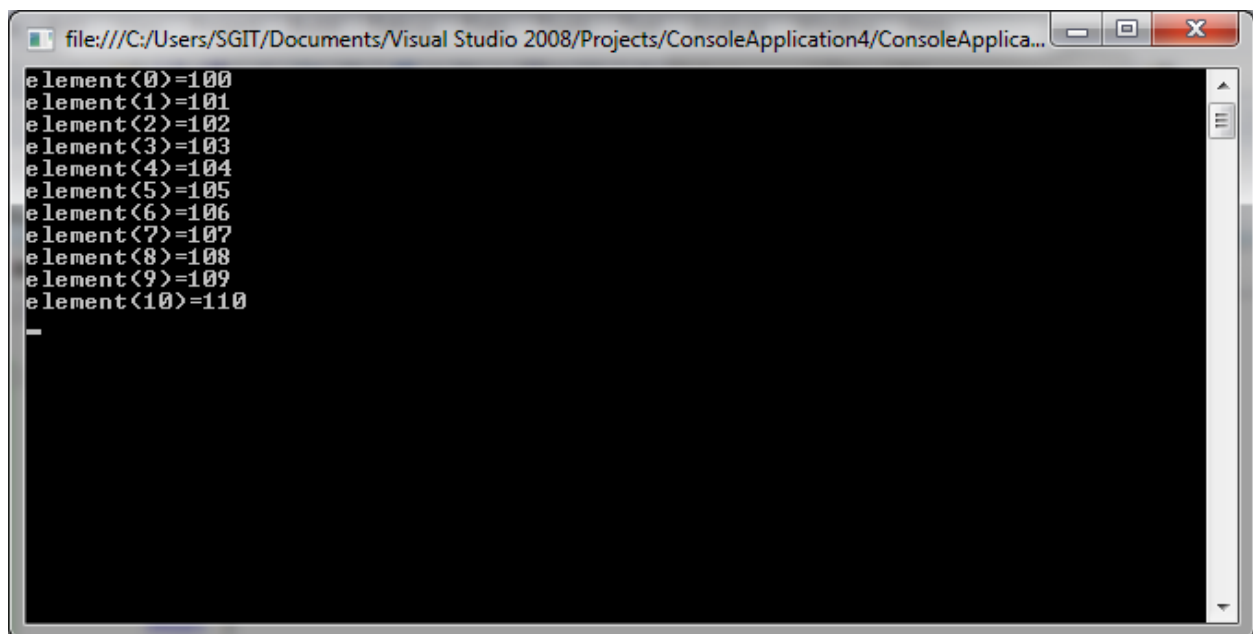
CODING:

```
Module Module1

Sub Main()
Dim n(10) AsInteger
Dim i, j AsInteger
For i = 0 To 10
        n(i) = i + 100
Next i
For j = 0 To 10
        Console.WriteLine("element({0})={1}", j, n(j))
Next j
        Console.ReadKey()
EndSub

EndModule
```

OUTPUT:

A screenshot of a Windows console application window. The title bar shows the file path: "file:///C:/Users/SGIT/Documents/Visual Studio 2008/Projects/ConsoleApplication4/ConsoleApplica...". The console output displays ten lines of text, each representing an element of an array and its value: "element<0>=100", "element<1>=101", "element<2>=102", "element<3>=103", "element<4>=104", "element<5>=105", "element<6>=106", "element<7>=107", "element<8>=108", "element<9>=109", and "element<10>=110". A cursor is visible on the line following the last output.

```
file:///C:/Users/SGIT/Documents/Visual Studio 2008/Projects/ConsoleApplication4/ConsoleApplica...
element<0>=100
element<1>=101
element<2>=102
element<3>=103
element<4>=104
element<5>=105
element<6>=106
element<7>=107
element<8>=108
element<9>=109
element<10>=110
-
```

PROGRAM-11

OBJECTIVE:

Write a program to print the value of two numbers alternatively using while loop.

CODING:

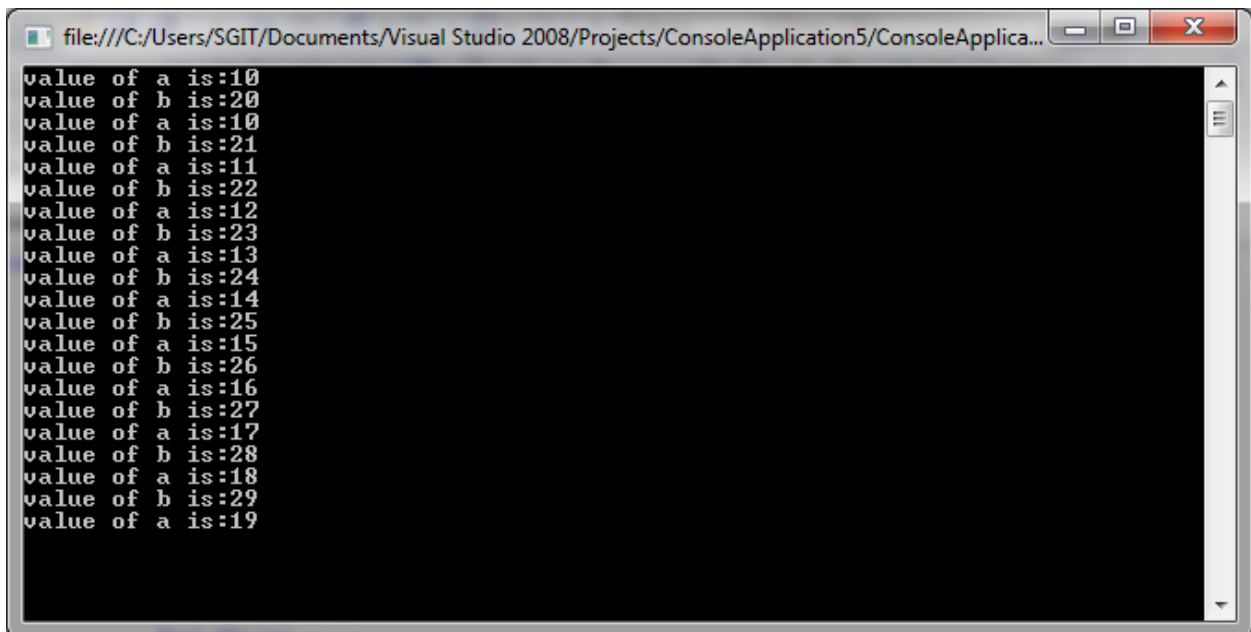
```
Module Module1

Sub Main()
Dim a AsInteger = 10
Dim b AsInteger = 20
While a < 20
    Console.WriteLine("value of a is:{0}", a)
While b < 30
    Console.WriteLine("value of b is:{0}", b)
    b = b + 1
    Console.WriteLine("value of a is:{0}", a)
    a = a + 1
EndWhile
EndWhile
    Console.ReadLine()

EndSub

EndModule
```

OUTPUT:



```
file:///C:/Users/SGIT/Documents/Visual Studio 2008/Projects/ConsoleApplication5/ConsoleApplica...
value of a is:10
value of b is:20
value of a is:10
value of b is:21
value of a is:11
value of b is:22
value of a is:12
value of b is:23
value of a is:13
value of b is:24
value of a is:14
value of b is:25
value of a is:15
value of b is:26
value of a is:16
value of b is:27
value of a is:17
value of b is:28
value of a is:18
value of b is:29
value of a is:19
```


PROGRAM-12

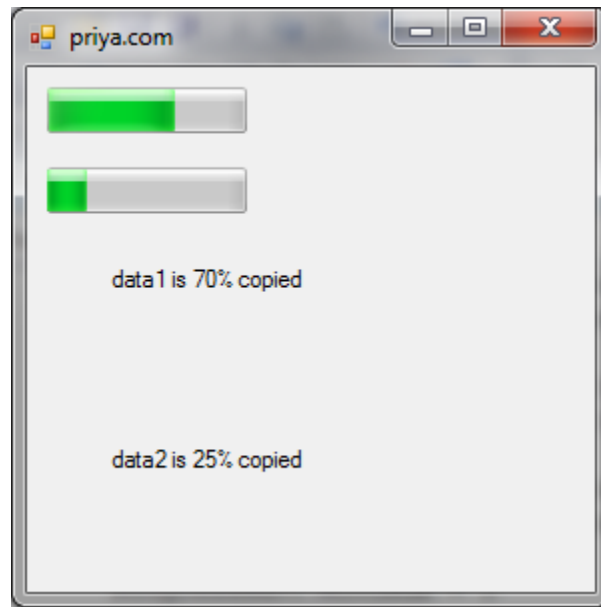
OBJECTIVE:

Write a program to print process status of progress bar.

CODING:

```
PublicClass Form1
PrivateSub Form1_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
Dim ProgressBar1 As ProgressBar
Dim ProgressBar2 As ProgressBar
    ProgressBar1 = New ProgressBar()
    ProgressBar2 = New ProgressBar()
    ProgressBar1.Location = New Point(10, 10)
    ProgressBar2.Location = New Point(10, 50)
    ProgressBar1.Minimum = 0
    ProgressBar1.Maximum = 200
    ProgressBar1.Value = 130
    ProgressBar2.Minimum = 0
    ProgressBar2.Maximum = 200
    ProgressBar2.Value = 40
Me.Controls.Add(ProgressBar1)
Me.Controls.Add(ProgressBar2)
Me.Text = "priya.com"
    Label1.Text = "data1 is 70% copied"
    Label2.Text = "data1 is 25% copied"
EndSub
    PrivateSub Label1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label1.Click
    EndSub
PrivateSub Label2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Label2.Click
EndSub
EndClass
```

OUTPUT:



PROGRAM-13

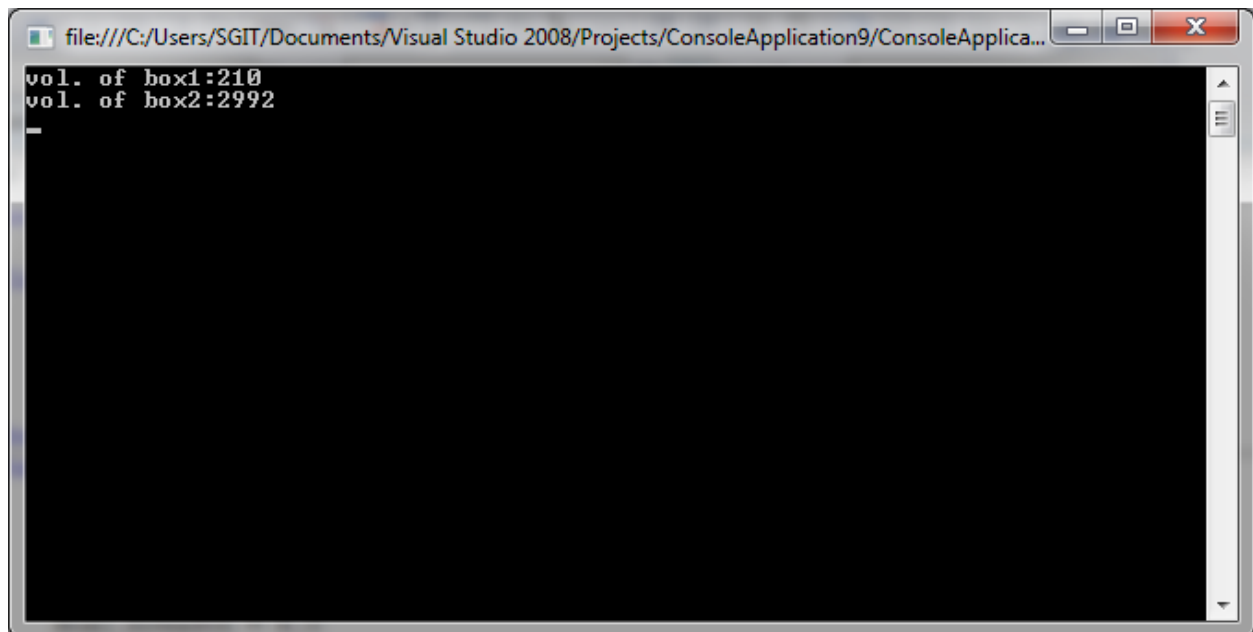
OBJECTIVE:

Write a program to make a class a object.

CODING:

```
Module Module1
Class box
Public length AsDouble
Public breadth AsDouble
Public height AsDouble
EndClass
Sub Main()
Dim Box1 As box = New box()
Dim Box2 As box = New box()
Dim volume AsDouble = 0.0
    Box1.length = 5.0
    Box1.breadth = 6.0
    Box1.height = 7.0
    Box2.length = 11.0
    Box2.breadth = 16.0
    Box2.height = 17.0
    volume = Box1.length * Box1.height * Box1.breadth
    Console.WriteLine("vol. of box1:{0}", volume)
    volume = Box2.length * Box2.height * Box2.breadth
    Console.WriteLine("vol. of box2:{0}", volume)
    Console.ReadKey()
EndSub
EndModule
```

OUTPUT:



PROGRAM-14

OBJECTIVE:

Write a program to make a class a object.

CODING:

```
Module Module1

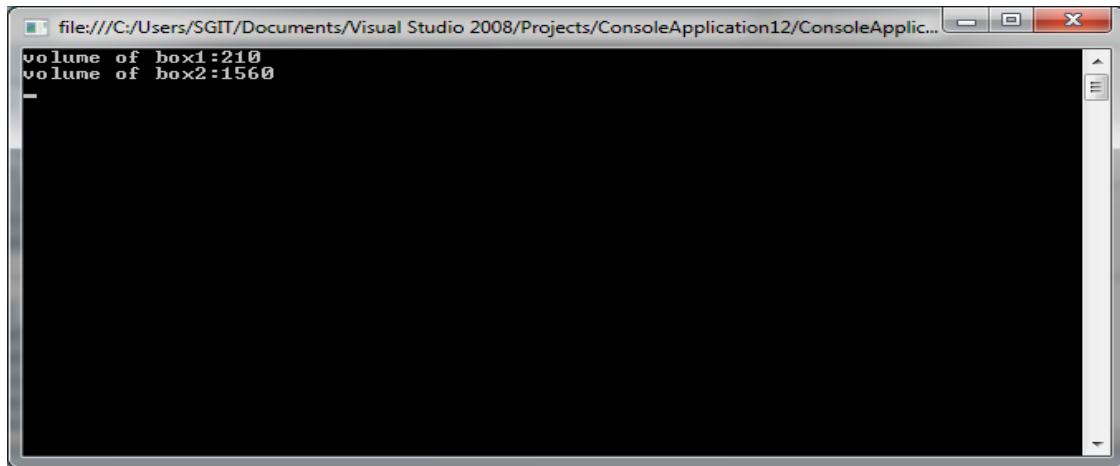
Class Box
Public length AsDouble
Public breadth AsDouble
Public height AsDouble
PublicSub setLength(ByVal len AsDouble)
    length = len
EndSub
PublicSub setBreadth(ByVal bre AsDouble)
    breadth = bre
EndSub
PublicSub setHeight(ByVal hei AsDouble)
    height = hei
EndSub
PublicFunction getVolume() AsDouble
Return length * breadth * height
EndFunction
EndClass

Sub Main()
Dim Box1 As Box = New Box()
Dim Box2 As Box = New Box()
Dim volume AsDouble = 0.0
    Box1.setLength(6.0)
    Box1.setBreadth(7.0)
    Box1.setHeight(5.0)
    Box2.setLength(12.0)
    Box2.setBreadth(13.0)
    Box2.setHeight(10.0)
    volume = Box1.getVolume()
    Console.WriteLine("volume of box1:{0}", volume)
    volume = Box2.getVolume()
    Console.WriteLine("volume of box2:{0}", volume)
    Console.ReadKey()

EndSub

EndModule
```

OUTPUT:

A screenshot of a console window from Visual Studio 2008. The title bar shows the file path: file:///C:/Users/SGIT/Documents/Visual Studio 2008/Projects/ConsoleApplication12/ConsoleApplic... The console output displays two lines: 'volume of box1:210' and 'volume of box2:1560', followed by a blank line. The window has a standard Windows XP-style title bar with minimize, maximize, and close buttons.

```
file:///C:/Users/SGIT/Documents/Visual Studio 2008/Projects/ConsoleApplication12/ConsoleApplic...  
volume of box1:210  
volume of box2:1560  
-
```

PROGRAM-15

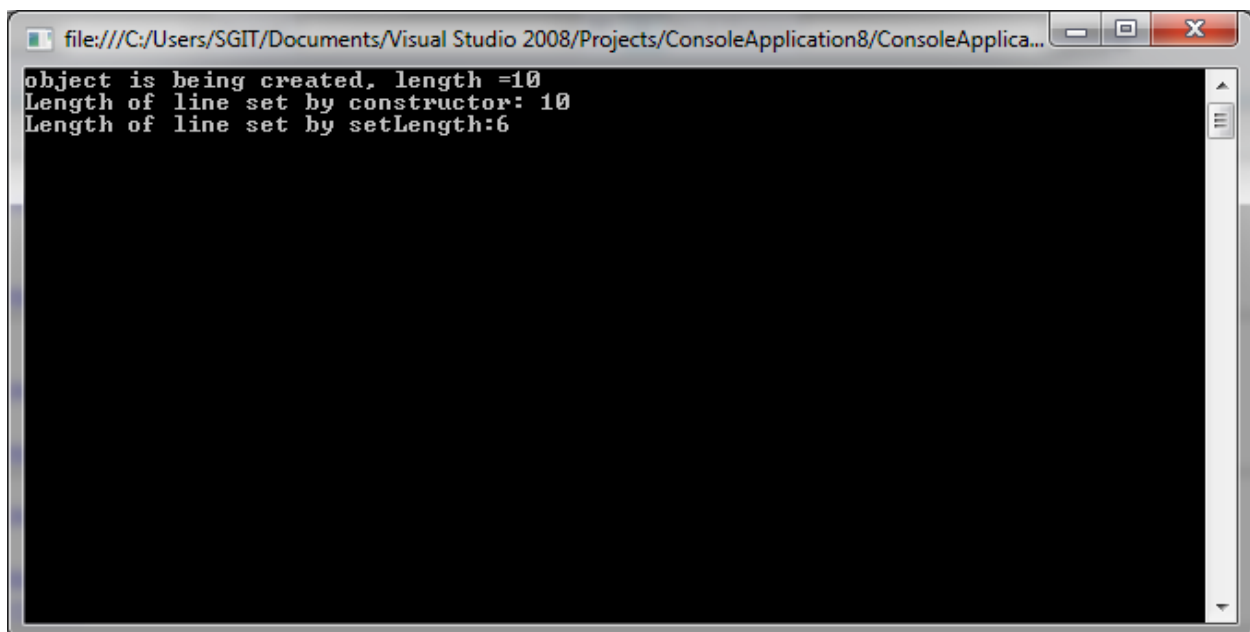
OBJECTIVE:

Write a program to call a function using parameterized constructor.

CODING:

```
Module Module1
Class Line
Private length AsDouble
    PublicSubNew(ByVal len AsDouble)
        Console.WriteLine("object is being created, length ={0}", len)
        length = len
    EndSub
    PublicSub setLength(ByVal len AsDouble)
        length = len
    EndSub
    PublicFunction getLength() AsDouble
Return length
    EndFunction
EndClass
    SharedSub Main()
Dim line As Line = New Line(10.0)
        Console.WriteLine("Length of line set by constructor: {0}",
line.getLength())
        line.setLength(6.0)
        Console.WriteLine("Length of line set by setLength:{0}",
line.getLength())
        Console.ReadKey()
    EndSub
EndModule
```

OUTPUT:

A screenshot of a Windows console application window. The title bar shows the file path: "file:///C:/Users/SGIT/Documents/Visual Studio 2008/Projects/ConsoleApplication8/ConsoleApplica...". The console output displays three lines of text: "object is being created, length =10", "Length of line set by constructor: 10", and "Length of line set by setLength:6". The text is white on a black background. The window has standard Windows controls (minimize, maximize, close) in the top right corner.

```
object is being created, length =10
Length of line set by constructor: 10
Length of line set by setLength:6
```

PROGRAM-16

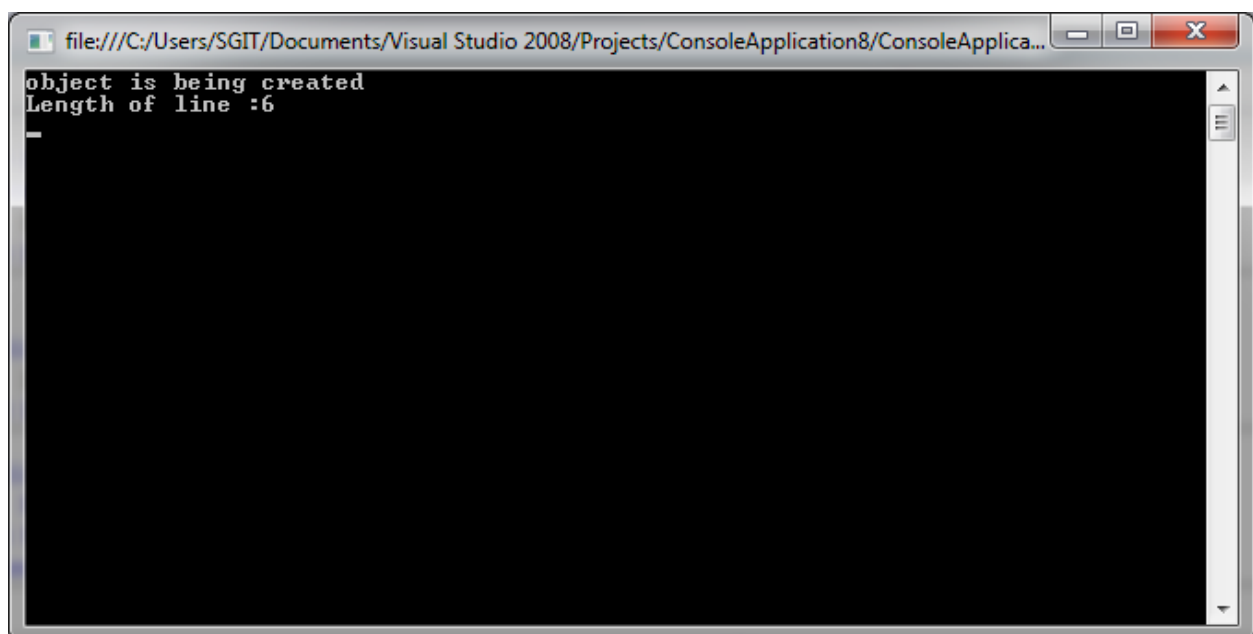
OBJECTIVE:

Write a program to call a function using destructor.

CODING:

```
Module Module1
Class Line
Private length AsDouble
PublicSubNew()
    Console.WriteLine("object is being created")
EndSub
ProtectedOverridesSub Finalize()
    Console.WriteLine("object is being deleted")
EndSub
    PublicSub setLength(ByVal len AsDouble)
        length = len
    EndSub
    PublicFunction getLength() AsDouble
Return length
EndFunction
EndClass
    Sub Main()
Dim line As Line = New Line()
        line.setLength(6.0)
        Console.WriteLine("Length of line :{0}", line.getLength())
        Console.ReadKey()
EndSub
EndModule
```

OUTPUT:

A screenshot of a Windows console application window. The title bar shows the file path: "file:///C:/Users/SGIT/Documents/Visual Studio 2008/Projects/ConsoleApplication8/ConsoleApplica...". The console output displays two lines of text: "object is being created" followed by "Length of line :6". The window has standard Windows controls (minimize, maximize, close) in the top right corner.

PROGRAM-17

OBJECTIVE:

Write a program to define a class member as static using shared members.

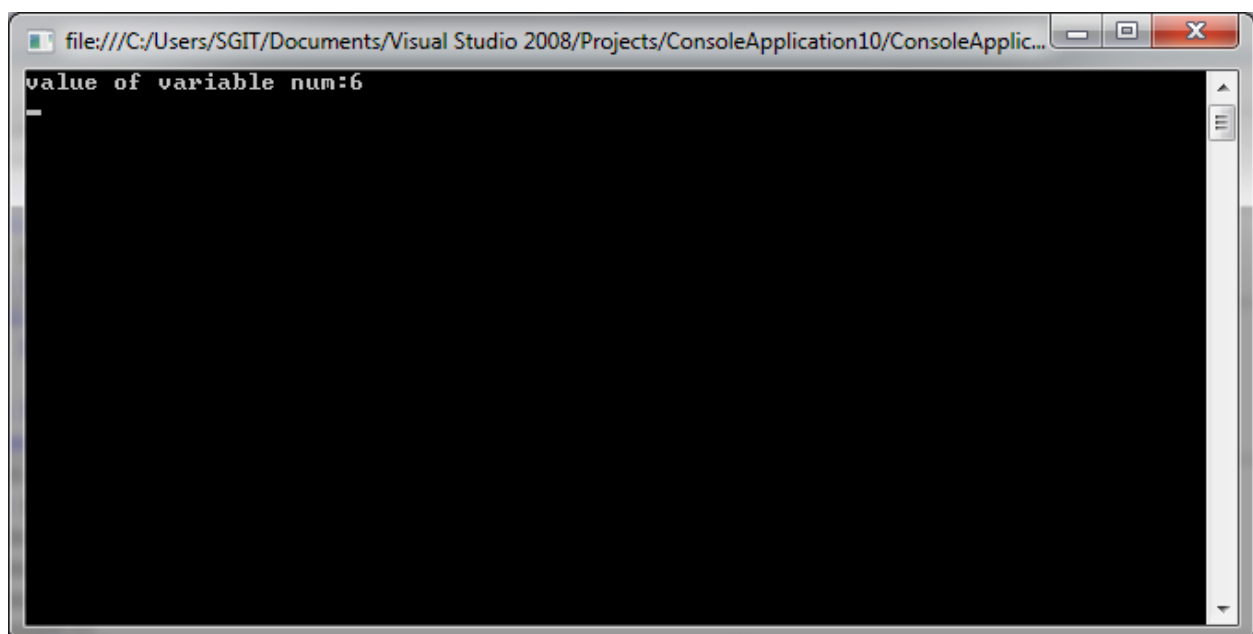
CODING:

```
Module Module1
Class staticvar
PublicShared num AsInteger
PublicSub count()
    num = num + 1
EndSub
PublicSharedFunction getnum() AsInteger
Return num
EndFunction
EndClass
Sub Main()
Dim s As staticvar = New staticvar()
    s.count()
    s.count()
    s.count()
    s.count()
    s.count()
    s.count()
    Console.WriteLine("value of variable num:{0}", staticvar.getnum())
    Console.ReadKey()

EndSub

EndModule
```

OUTPUT:



PROGRAM-18

OBJECTIVE:

Write a program for multiple inheritance and access specifiers .

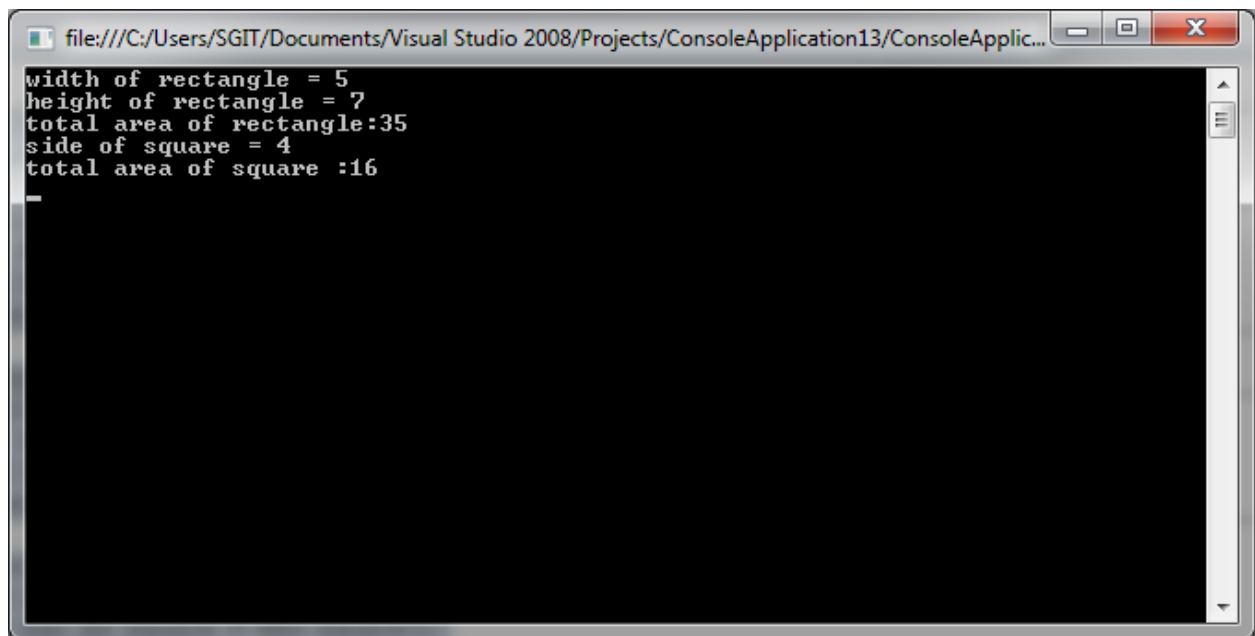
CODING:

```
Module Module1
    Class shape
        Protected width As Integer
        Protected height As Integer
        Protected side As Integer
        PublicSub setWidth(ByVal w As Integer)
            width = w
        EndSub
        PublicSub setHeight(ByVal h As Integer)
            height = h
        EndSub
        PublicSub setSize(ByVal s As Integer)
            side = s
        EndSub
    EndClass
    Class rectangle : Inherits shape
        PublicFunction getarea() As Integer
            Return (width * height)
        EndFunction
    EndClass
    Class square : Inherits shape
        PublicFunction getdata() As Integer
            Return (side * side)
        EndFunction
    EndClass

    Sub Main()
        Dim rect As rectangle = New rectangle()
        Dim sqr As square = New square()
        rect.setWidth(5)
        rect.setHeight(7)
        sqr.setSize(4)
        Console.WriteLine("width of rectangle = 5")
        Console.WriteLine("height of rectangle = 7")

        Console.WriteLine("total area of rectangle:{0}", rect.getarea())
        Console.WriteLine("side of square = 4")
        Console.WriteLine("total area of square :{0}", sqr.getdata())
        Console.ReadKey()
    EndSub
EndModule
```

OUTPUT:

A screenshot of a console window from Visual Studio 2008. The window title bar shows the file path: file:///C:/Users/SGIT/Documents/Visual Studio 2008/Projects/ConsoleApplication13/ConsoleApplic... The console output displays the following text:

```
width of rectangle = 5  
height of rectangle = 7  
total area of rectangle:35  
side of square = 4  
total area of square :16
```

The output shows calculations for a rectangle and a square. The rectangle has a width of 5 and a height of 7, resulting in a total area of 35. The square has a side length of 4, resulting in a total area of 16.

PROGRAM-19

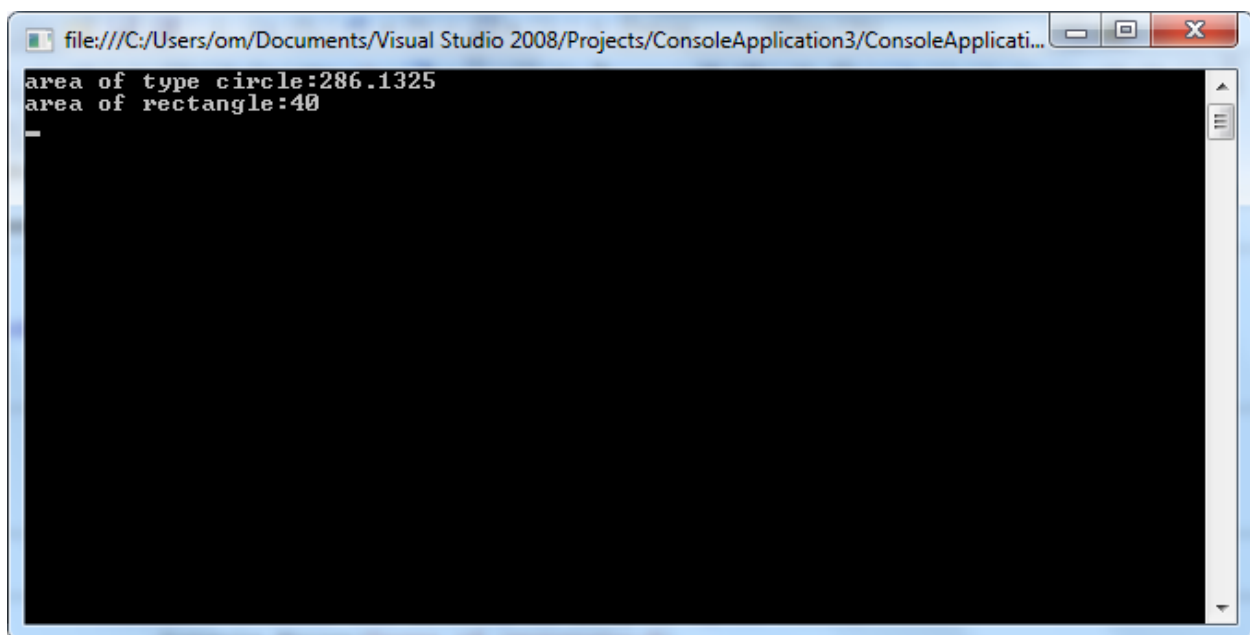
OBJECTIVE:

Write a program to show the method overloading property of vb.net .

CODING:

```
Module Module1
Class overload
Dim r AsDouble
PublicOverloadsSub area(ByVal r)
    Console.Write("area of type circle:")
    Console.WriteLine(3.14 * r * r * r)
EndSub
Dim length AsInteger
Dim width AsInteger
PublicOverloadsSub area(ByVal length, ByVal width)
    Console.Write("area of rectangle:")
    Console.WriteLine(length * width)
EndSub
EndClass
Sub Main()
Dim o AsNew overload()
    o.area(4.5)
    o.area(5, 8)
    Console.ReadLine()
EndSub
EndModule
```

OUTPUT:

A screenshot of a Windows console application window. The title bar shows the file path: file:///C:/Users/om/Documents/Visual Studio 2008/Projects/ConsoleApplication3/ConsoleApplicati... The window has standard Windows controls (minimize, maximize, close). The console output is as follows:
area of type circle:286.1325
area of rectangle:40
The cursor is positioned on the line following the second output.

```
file:///C:/Users/om/Documents/Visual Studio 2008/Projects/ConsoleApplication3/ConsoleApplicati...
area of type circle:286.1325
area of rectangle:40
-
```

PROGRAM-20

OBJECTIVE:

Write a program to show the method overriding property of vb.net .

CODING:

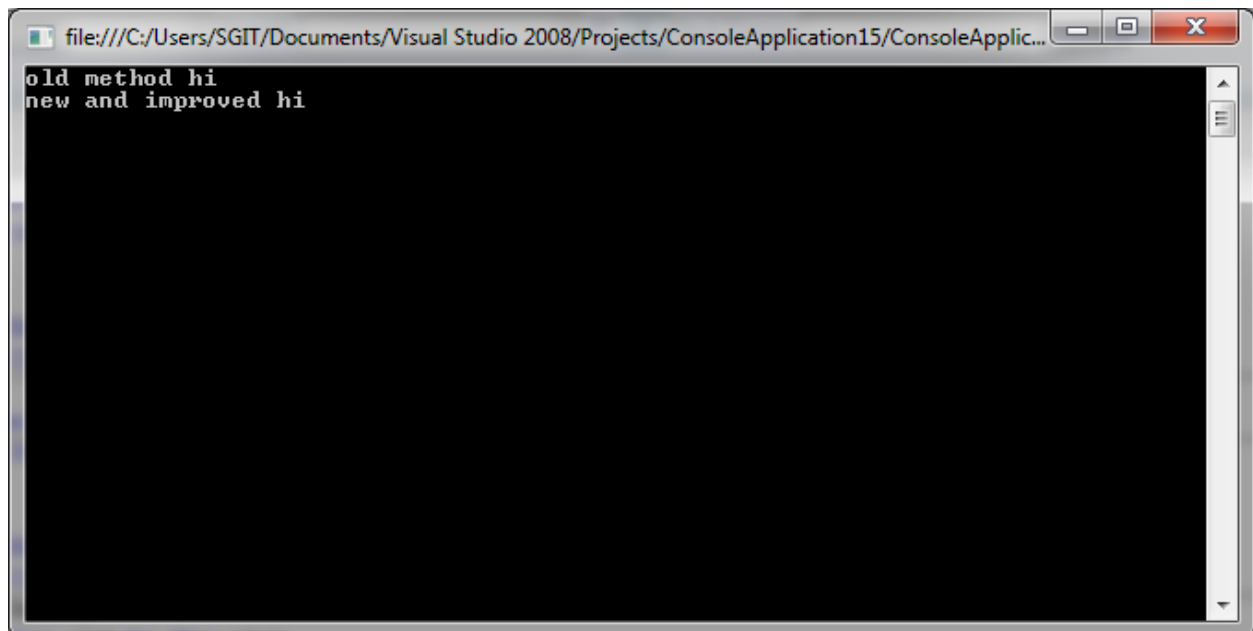
```
Module Module1
Class c1
OverridableSub hi()
    Console.WriteLine("old method hi")
EndSub
EndClass

Class c2 : Inherits c1
OverridesSub hi()
    Console.WriteLine("new and improved hi")
EndSub
EndClass
Sub Main()
Dim old AsNew c1()
Dim improved AsNew c2()
    old.hi()
    improved.hi()
    Console.ReadLine()

EndSub

EndModule
```

OUTPUT:

A screenshot of a Visual Studio 2008 console application window. The title bar shows the file path: file:///C:/Users/SGIT/Documents/Visual Studio 2008/Projects/ConsoleApplication15/ConsoleApplic... The console window has a black background and displays two lines of text in white: "old method hi" on the first line and "new and improved hi" on the second line. The window has standard Windows XP-style controls (minimize, maximize, close) in the top right corner.