A

Practical File

On

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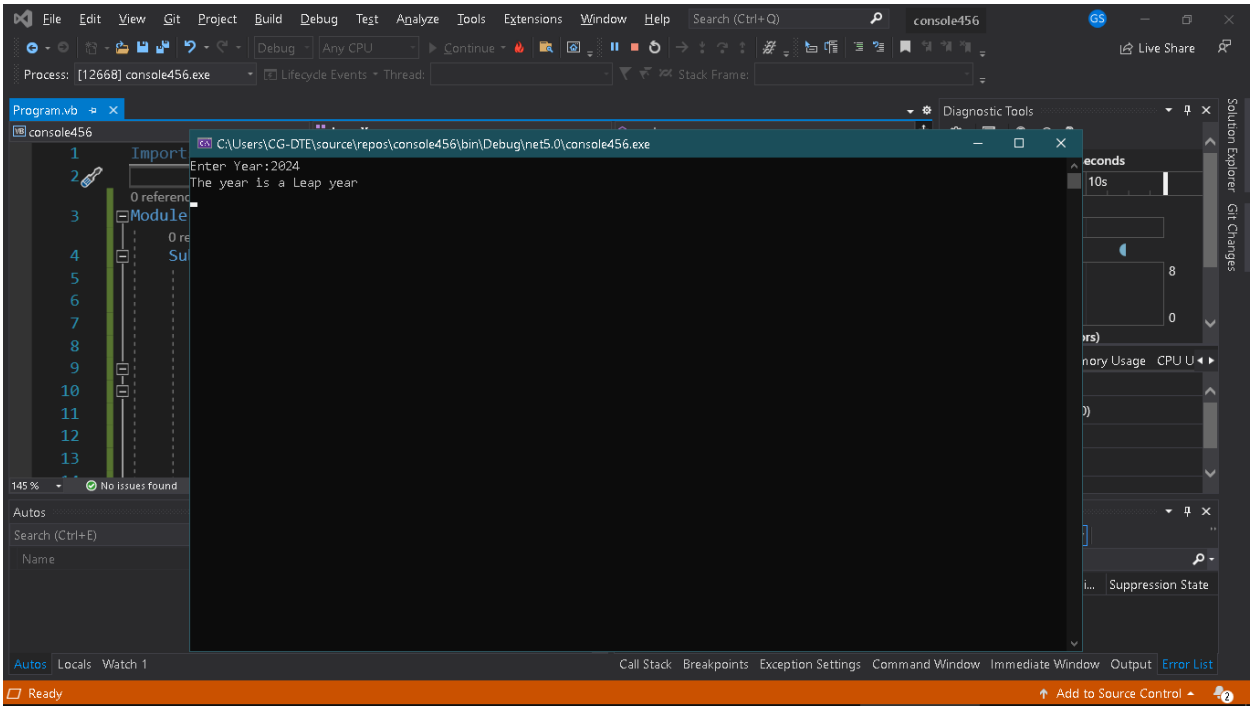
OUTPUT-1

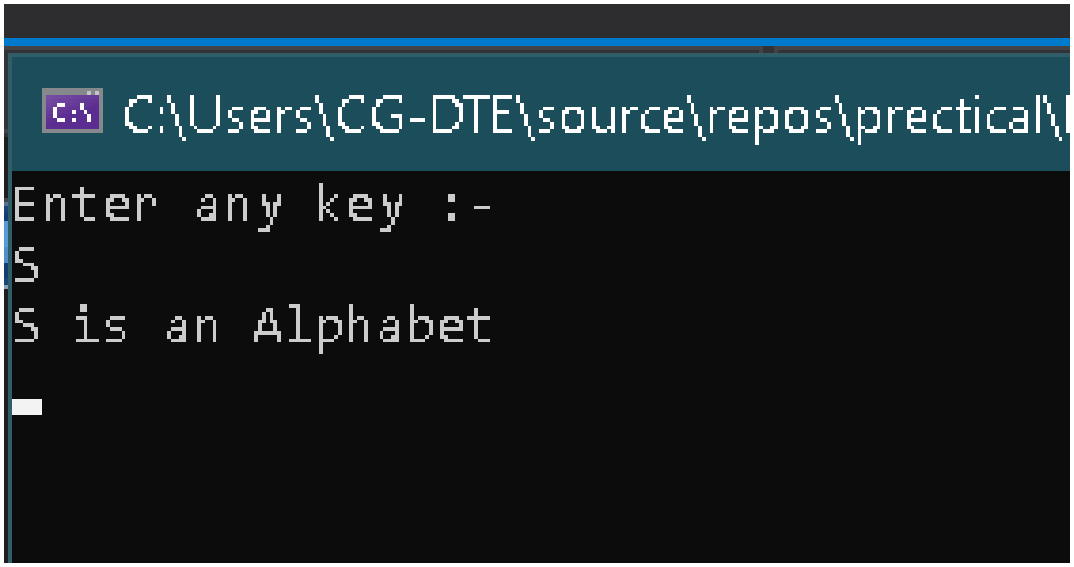

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help
Search (Ctrl+Q)
console456
Live Share
Debug
Any CPU
Continue
Process: [12668] console456.exe
Lifecycle Events
Thread:
Stack Frame:
Program.vb
console456
Diagnostic Tools
C:\Users\CG-DTE\source\repos\console456\bin\Debug\net5.0\console456.exe
Enter Year:2024
The year is a Leap year
Import
Module
Sub
No issues found
Autos
Search (Ctrl+E)
Name
Suppression State
Autos Locals Watch 1
Call Stack Breakpoints Exception Settings Command Window Immediate Window Output Error List
Ready
Add to Source Control

1) Write a program to check whether a year is leap year or not.

Code:-

```
Module LeapYear
    Sub main()
        Dim y As Integer
        Console.Write("Enter Year:")
        y = CInt(Console.ReadLine())

        If y Mod 100 = 0 Then
            If y Mod 400 = 0 Then
                Console.WriteLine("The year is a Leap year")
            Else
                Console.WriteLine("The year is NOT a Leap year")
            End If
        Else
            If y Mod 4 = 0 Then
                Console.WriteLine("The year is a Leap year")
            Else
                Console.WriteLine("The year is NOT a Leap year")
            End If
        End If
        Console.ReadLine()
    End Sub
End Module
```

OUTPUT-2

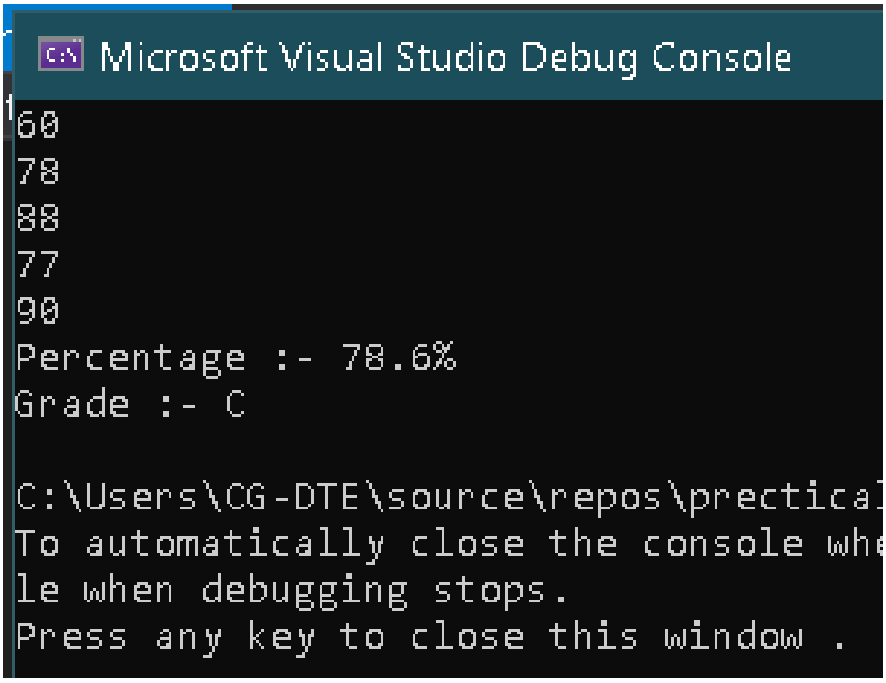

C:\Users\CG-DTE\source\repos\prectical\
Enter any key :-
S
S is an Alphabet

2) Write a program to check whether a character is alphabet or not.

Code:-

```
Module Alphabet
    Sub Main()
        Dim ch As Char
        Console.WriteLine("Enter any key :-")
        ch = Console.ReadLine()
        Select Case ch
            Case "a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", "l", "m", "n", "o", "p", "q",
"r", "s", "t", "u", "v", "w", "x", "y", "z", "A", "B", "C", "D", "E", "F", "G", "H", "I", "J",
"K", "L", "M", "N", "O", "P", "Q", "R", "S", "T", "U", "V", "W", "X", " Y", "Z"
                Console.WriteLine("{0} is an Alphabet", ch)
            Case Else
                Console.WriteLine("{0} is NOT an Alphabet", ch)
        End Select
        Console.ReadLine()
    End Sub
End Module
```

OUTPUT-3


Microsoft Visual Studio Debug Console
60
78
88
77
90
Percentage :- 78.6%
Grade :- C
C:\Users\CG-DTE\source\repos\prectica
To automatically close the console whe
le when debugging stops.
Press any key to close this window .

3) Design an application to input marks of five subjects Physics, Chemistry, Biology, Mathematics and Computer. Calculate percentage and grade according to following:

Percentage>= 90% : Grade A

Percentage>= 80% : Grade B

Percentage>= 70% : Grade C

Percentage>= 60% : Grade D

Percentage>= 40% : Grade E

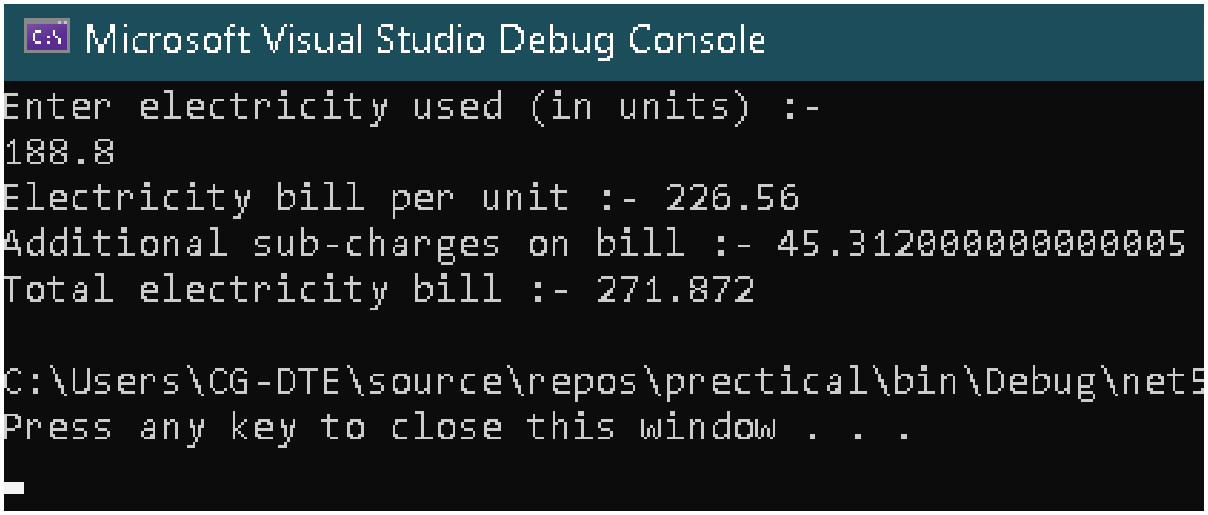
Percentage < 40% : Grade F

Code:-

```
Module Percnt
  Sub Main()
    Dim m1, m2, m3, m4, m5, per As Double
    Dim g As Char
    Console.WriteLine("Enter the marks obtained in 5 Subjects :- ")
    m1 = Console.ReadLine()
    m2 = Console.ReadLine()
    m3 = Console.ReadLine()
    m4 = Console.ReadLine()
    m5 = Console.ReadLine()
    per = (m1 + m2 + m3 + m4 + m5) / 5
    Console.WriteLine("Percentage :- {0}%", per)
    If (per >= 90) Then
      g = "A"
    ElseIf (per >= 80) Then
      g = "B"
```

```
        ElseIf (per >= 70) Then
            g = "C"
        ElseIf (per >= 60) Then
            g = "D"
        ElseIf (per >= 40) Then
            g = "E"
        Else
            g = "F"
        End If

        Console.WriteLine("Grade :- {0}", g)
    End Sub
End Module
```

OUTPUT-4


Microsoft Visual Studio Debug Console
Enter electricity used (in units) :-
188.8
Electricity bill per unit :- 226.56
Additional sub-charges on bill :- 45.31200000000005
Total electricity bill :- 271.872
C:\Users\CG-DTE\source\repos\prectical\bin\Debug\net5
Press any key to close this window . . .

4) Design an application to input electricity unit charges and calculate total electricity bill according to the given condition:

For first 50 units Rs. 0.50/unit

For next 100 units Rs. 0.75/unit

For next 100 units Rs. 1.20/unit

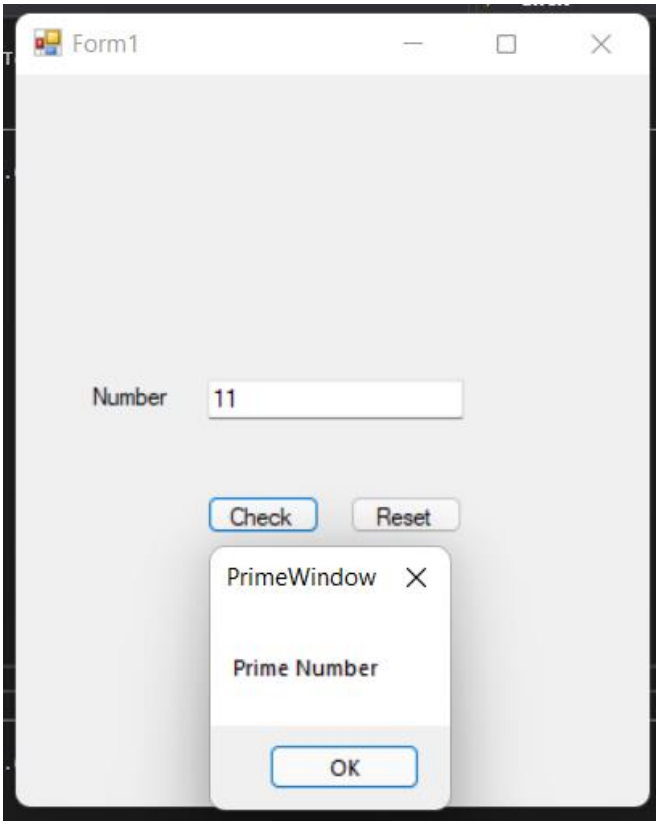
For unit above 250 Rs. 1.50/unit

Code:-

```
Module Elec_Bill
  Sub Main()

    Dim un, r, a, e, total As Double
    Console.WriteLine("Enter electricity used (in units) :- ")
    un = Console.ReadLine()

    If (un <= 50) Then
      r = 0.5
    ElseIf (un <= 150) Then
      r = 0.75
    ElseIf (un <= 250) Then
      r = 1.2
    Else
      r = 1.5
    End If

    e = un * r
    a = e * 0.2
```

```
        total = e + a

        Console.WriteLine("Electricity bill per unit :- {0}", e)
        Console.WriteLine("Additional sub-charges on bill :- {0}", a)
        Console.WriteLine("Total electricity bill :- {0}", total)

    End Sub
End Module
```

OUTPUT - 5

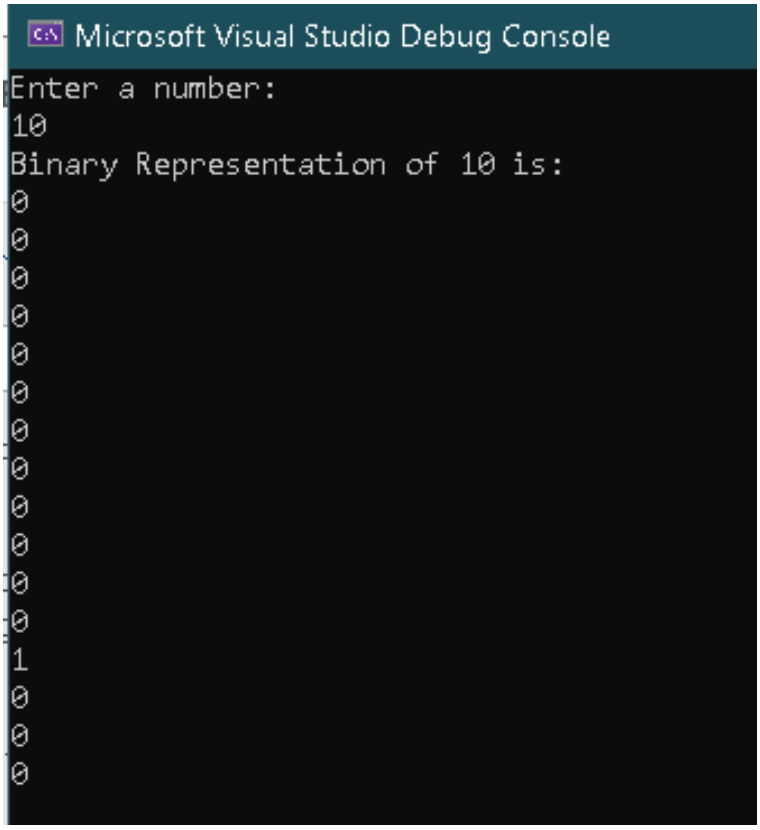


5) **Design a form to check weather a number is prime or not by using input box and message box**.

Code:-

```
    Public Class Form1
Private Sub TextBox1_TextChanged(sender As Object, e As EventArgs) Handles
TextBox1.TextChanged
End Sub

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    Dim Number As Integer = CInt(TextBox1.Text)
    Dim count As Integer = 0
    For i As Integer = 1 To Number
        If Number Mod i = 0 Then
            count += 1
        End If
    Next
    If count = 2 Then
        MsgBox("Prime Number")
    Else
        MsgBox("Non prime Number")
    End If
End Sub
Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
    TextBox1.Text = ""


End Sub
End Class
```

OUTPUT-6

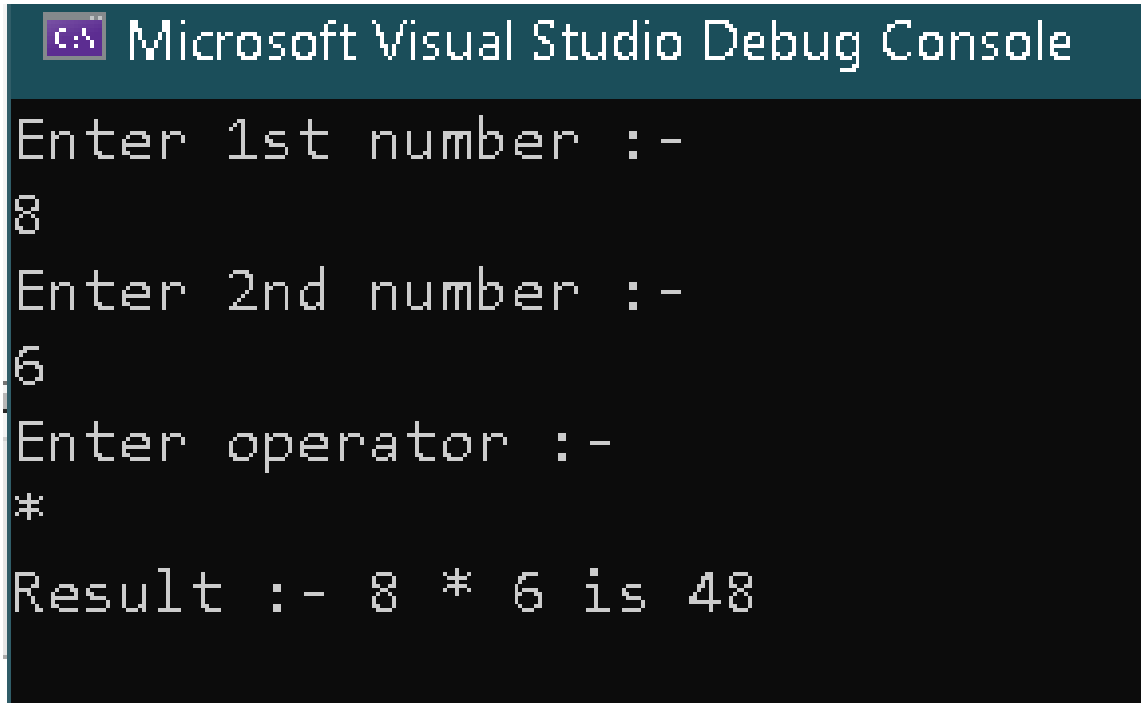

Microsoft Visual Studio Debug Console
Enter a number:
10
Binary Representation of 10 is:
0
0
0
0
0
0
0
0
0
0
0
0
1
0
0
0

6) Write a program to convert decimal to binary number system using bitwise operator.

Code:-

```
Module Binary
    Sub Main()
        Dim n, i, b As Integer
        Console.WriteLine("Enter a number:")
        n = Console.ReadLine()
        Console.writeline("Binary Representation of {0} is:",n)

        For i = 15 To 0 Step -1
            b = n >> i
            If (b = 1) Then
                Console.WriteLine("1")
            Else
                Console.WriteLine("0")
            End If
        Next
    End Sub
End Module
```

OUTPUT-7

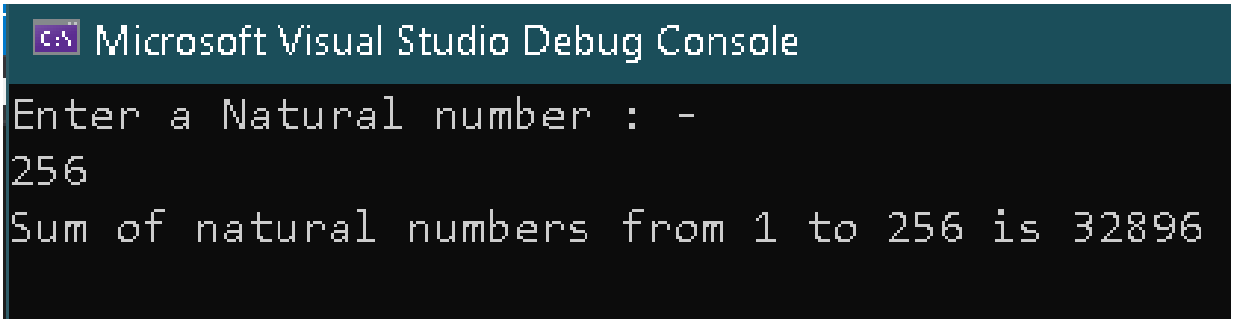

Microsoft Visual Studio Debug Console
Enter 1st number :-
8
Enter 2nd number :-
6
Enter operator :-
*
Result :- 8 * 6 is 48

7) Write a program to create Simple Calculator using select case.

Code:-

```
Module Calculator
    Sub Main()
        Dim a, b, c As Integer
        Dim op As Char
        Console.WriteLine("Enter 1st number :- ")
        a = Console.ReadLine()
        Console.WriteLine("Enter 2nd number :- ")
        b = Console.ReadLine()
        Console.WriteLine("Enter operator :- ")
        op = Console.ReadLine()
        Select Case op
            Case "+"
                c = a + b
            Case "-"
                c = a - b
            Case "*"
                c = a * b
            Case "\"
                c = a \ b
            Case Else
                Console.WriteLine("You have entered a wrong operator")
        End Select
        Console.WriteLine("Result :- {0} {1} {2} is {3}", a, op, b, c)

    End Sub
End Module
```

OUTPUT-8

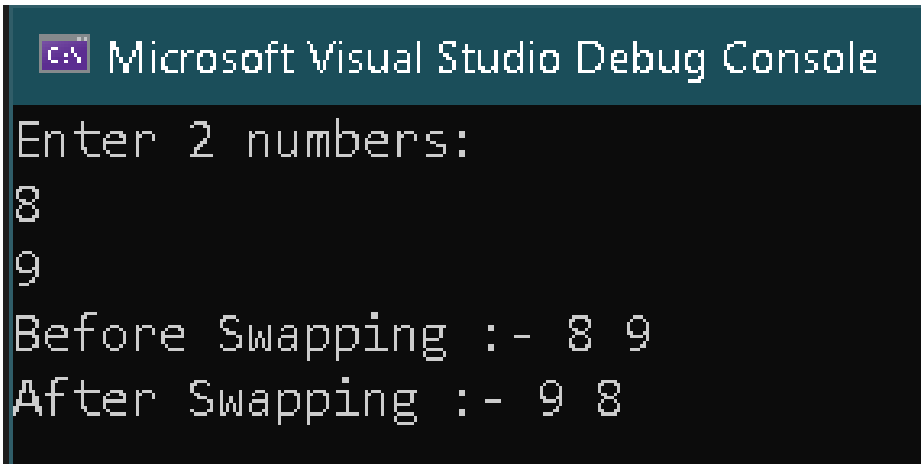

Microsoft Visual Studio Debug Console
Enter a Natural number : -
256
Sum of natural numbers from 1 to 256 is 32896

8) Write a program to find sum of all natural numbers between 1 to n .

Code: -

```
Module Natural
    Sub Main()
        Dim a, i, s As Integer
        s = 0
        Console.WriteLine("Enter a Natural number : -")
        a = Console.ReadLine()

        If (a > 0) Then
            For i = 1 To a Step 1
                s = s + i
            Next
            Console.WriteLine("Sum of natural numbers from 1 to {0} is {1}", a, s)
        Else
            Console.WriteLine("Entered Number is not an integer")
        End If
    End Sub
End Module
```

OUTPUT-9

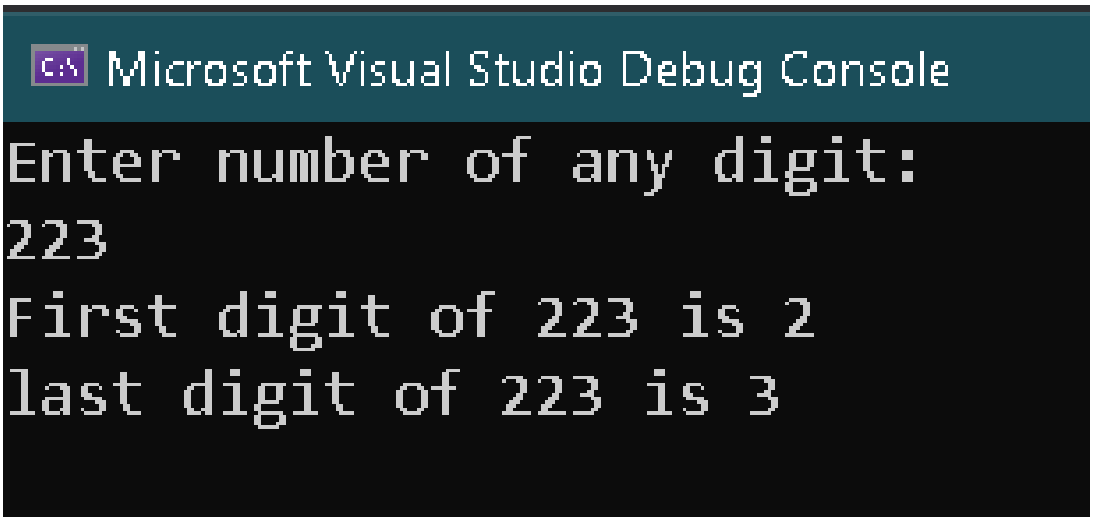

Microsoft Visual Studio Debug Console
Enter 2 numbers:
8
9
Before Swapping :- 8 9
After Swapping :- 9 8

9) Write a program to swap two numbers using bitwise operator

Code:-

```
Module Swapping
    Sub Main()

        Dim num1, num2 As Integer
        Console.WriteLine("Enter 2 numbers:")
        num1 = Console.ReadLine()
        num2 = Console.ReadLine()
        Console.writeline("Before Swapping :- {0} {1}",num1,num2)

        num1 = num1 Xor num2
        num2 = num1 Xor num2
        num1 = num1 Xor num2
        Console.WriteLine("After Swapping :- {0} {1}", num1, num2)
    End Sub
End Module
```

OUTPUT-10

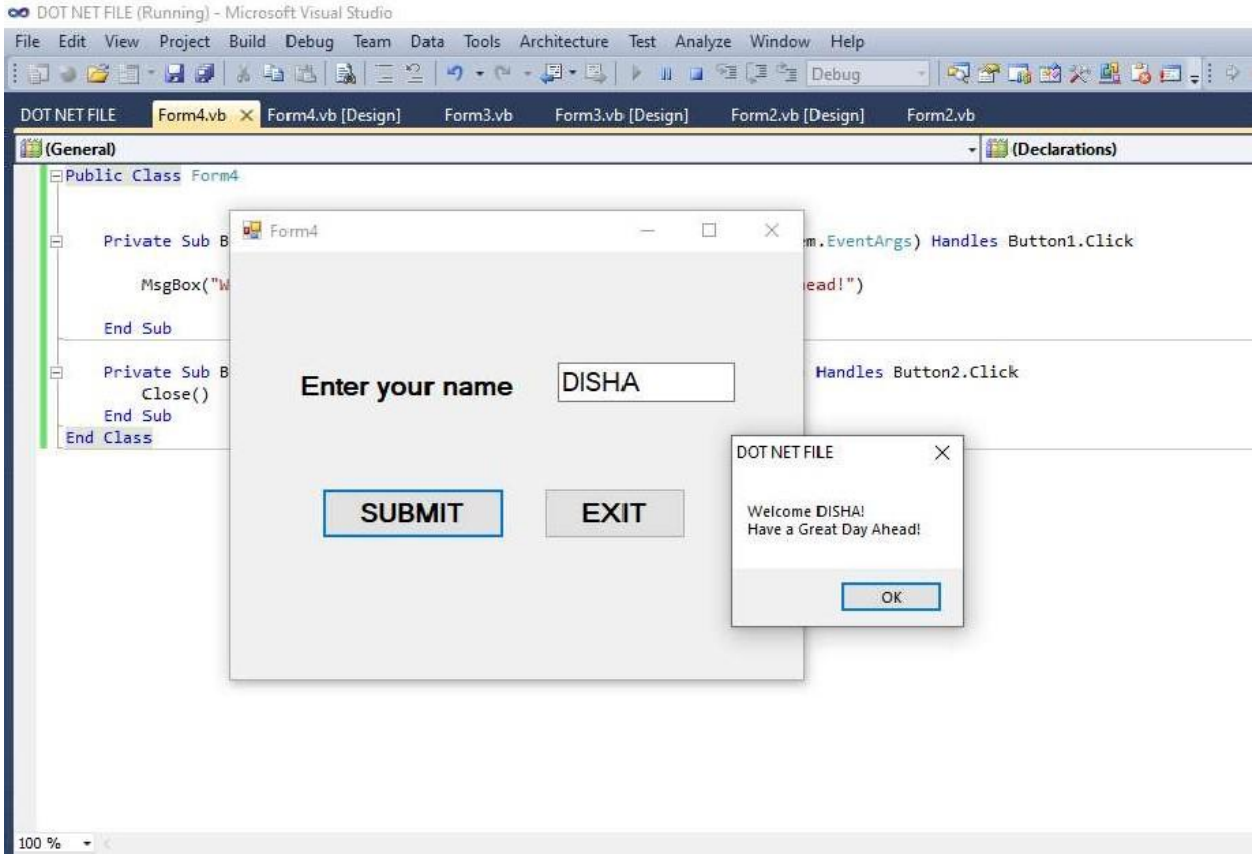

Microsoft Visual Studio Debug Console
Enter number of any digit:
223
First digit of 223 is 2
last digit of 223 is 3

10) Write a program to find first and last digit of any number.

Code:-

```
Module Digit
    Sub Main()
        Dim n, f, l As Integer
        Console.WriteLine("Enter number of any digit:")
        n = Console.ReadLine()

        f = n
        While (f >= 10)
            f = f \ 10
        End While
        Console.WriteLine("First digit of {0} is {1}", n, f)

        l = n Mod 10
        Console.WriteLine("last digit of {0} is {1}", n, l)

    End Sub
End Module
```

OUTPUT-11

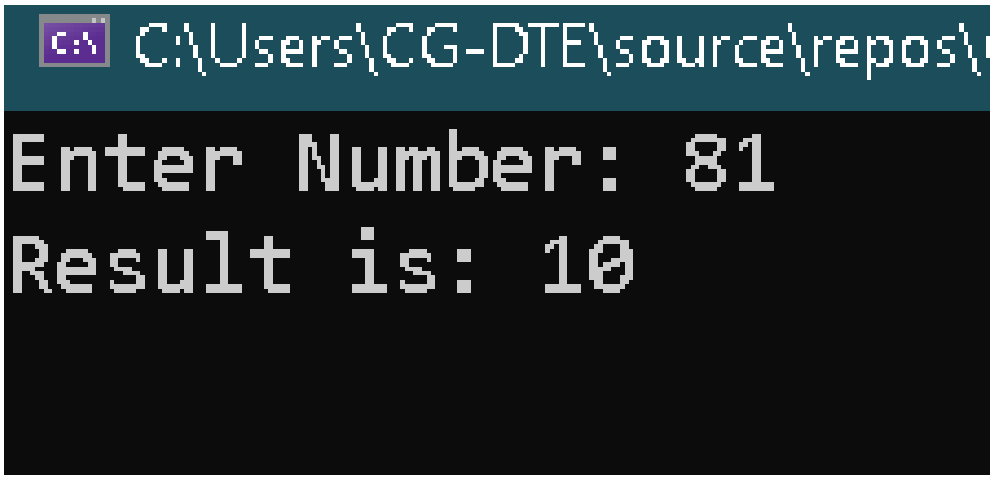

DOT NET FILE (Running) - Microsoft Visual Studio
File Edit View Project Build Debug Team Data Tools Architecture Test Analyze Window Help
Debug
DOT NET FILE
Form4.vb
Form4.vb [Design]
Form3.vb
Form3.vb [Design]
Form2.vb [Design]
Form2.vb
(General)
(Declarations)
Public Class Form4
Private Sub B
MsgBox("W
End Sub
Private Sub B
Close()
End Sub
End Class
m.EventArgs) Handles Button1.Click
ead!")
Handles Button2.Click
Form4
Enter your name
DISHA
SUBMIT
EXIT
DOT NET FILE
Welcome DISHA!
Have a Great Day Ahead!
OK
100 %

11) Design an application for displaying welcome message.

Code:-

```
Public Class Form4

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

MsgBox("Welcome " & TextBox1.Text + "!" + vbLf + "Have a Great Day Ahead!")
End Sub
Private Sub Button2_Click(sender As System.Object, e As System.EventArgs) Handles Button2.Click
Close()
End Sub
End Class
```

OUTPUT-12

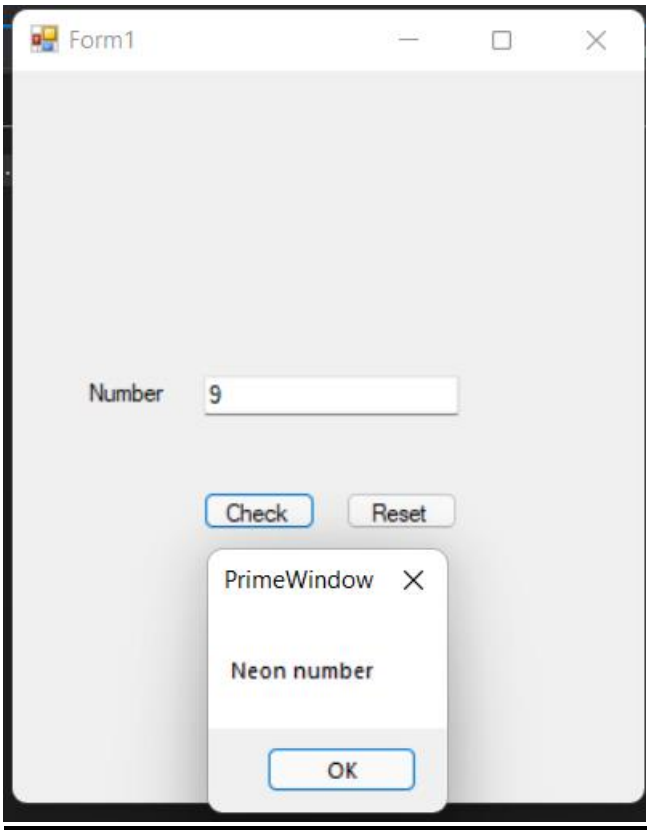


12) Write a program using shift operator.

Code:-

```
Module Module1


    Sub Main()
        Dim num As Integer = 0
        Dim res As Integer = 0


        Console.Write("Enter Number: ")
        num = Integer.Parse(Console.ReadLine())


        res = num >> 3
        Console.Write("Result is: {0}", res)
        Console.ReadLine()
    End Sub

End Module
```

OUTPUT-13

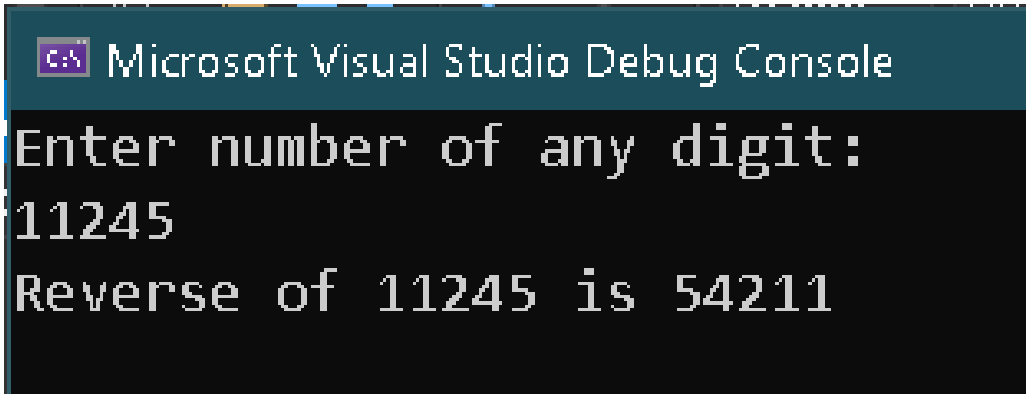


13) WAP to check whether given number is neon or not using user define function.

Code:-

```
Public Class Form1
    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
      Dim n As Integer = CInt(TextBox1.Text)
      Dim square As Integer = n * n
      Dim sum As Integer = 0
      Dim m As String = "Neon number"
      Dim nn As String = "Not neon number"
      While square <> 0
        Dim digit As Integer = square Mod 10
        sum = sum + digit
        square = square \ 10
      End While
      If (n = sum) Then
        MsgBox(m)
      Else
        MsgBox(nn)
      End If
  End Sub
 Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
      TextBox1.Text = ""
   End Sub
End Class
```

OUTPUT-14

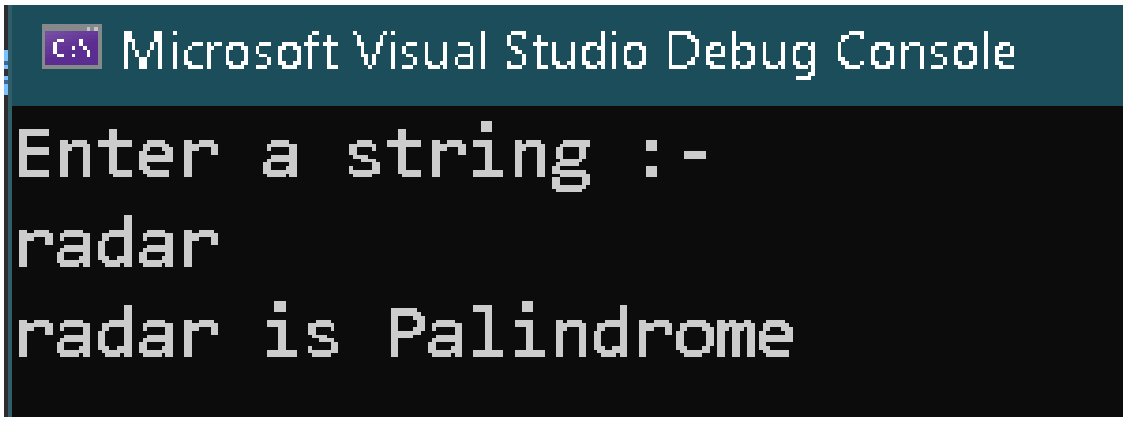

Microsoft Visual Studio Debug Console
Enter number of any digit:
11245
Reverse of 11245 is 54211

14) **Write a program to enter any number and print its reverse**.

Code:-

```
Module Reverse
    Sub Main()
        Dim n, m, r, u As Integer
        Console.WriteLine("Enter number of any digit:")
        n = Console.ReadLine()
        u = n
        While (n <> 0)
            m = n Mod 10
            r = r * 10 + m
            n = n \ 10
        End While
        Console.WriteLine("Reverse of {0} is {1}", u, r)

    End Sub
End Module
```

OUTPUT-15

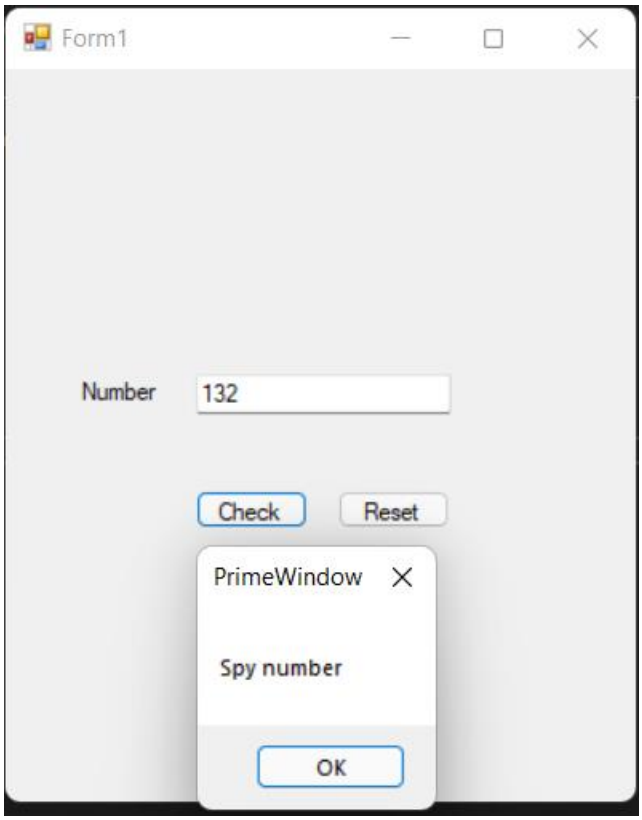

Microsoft Visual Studio Debug Console
Enter a string :-
radar
radar is Palindrome

15) Write a program to enter any number and check whether the number is palindrome or not.

Code:-

```
Module Palindrome
    Sub Main()
        Dim str1, str2 As String
        Console.WriteLine("Enter a string :- ")
        str1 = Console.ReadLine()
        str2 = StrReverse(str1)

        If str2.Equals(str1) Then
            Console.WriteLine("{0} is Palindrome", str1)
        Else
            Console.WriteLine("Not Palindrome")
        End If
    End Sub
End Module
```

OUTPUT-16

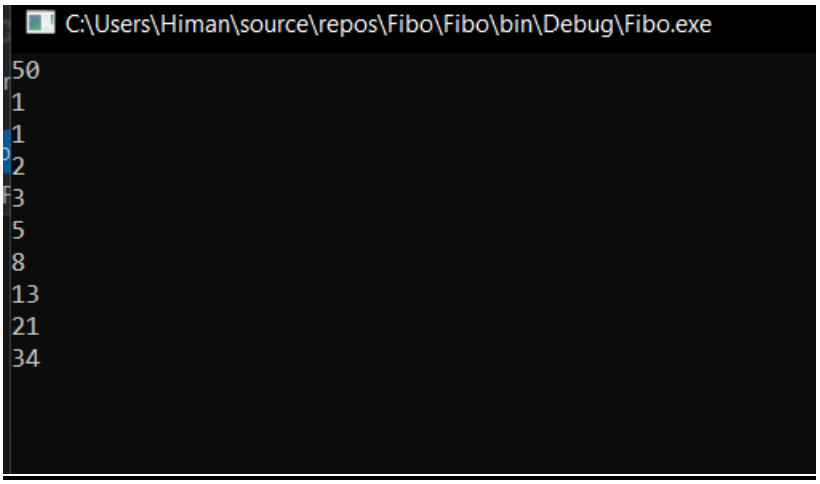


16) WAP to check whether a given number is spy number or not.

Code:-

```
Public Class Form1
    Private Sub TextBox1_TextChanged(sender As Object, e As EventArgs) Handles
TextBox1.TextChanged
    End Sub
    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
        Dim num As Integer = CInt(TextBox1.Text)
        Dim product As Integer = 1
        Dim sum As Integer = 0, lastdigit As Integer
        Dim m As String = "Spy number"
        Dim nn As String = "Not spy number"
        While num > 0
            lastdigit = num Mod 10
            sum = sum + lastdigit
            product = product * lastdigit
            num = num \ 10
        End While
        If (product = sum) Then
            MsgBox(m)
        Else
            MsgBox(nn)
        End If
    End Sub
    Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
        TextBox1.Text = ""
    End Sub
End Class
```

OUTPUT-17

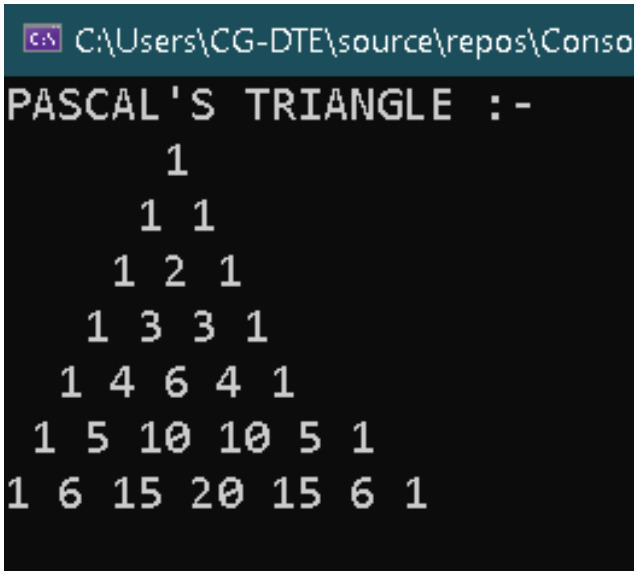

C:\Users\Himan\source\repos\Fibo\Fibo\bin\Debug\Fibo.exe
50
1
1
2
3
5
8
13
21
34

17) Write a program to print Fibonacci series up to n terms.

Code:-

```
Module Module1


    Sub Main()
        Dim n1 As Integer
        Dim n2 As Integer
        Dim n As Integer = Console.ReadLine()


        n1 = 1
        n2 = 1
        Console.WriteLine("{0}", n1)
        While n2 < n
            Console.WriteLine(n2)
            n2 = n2 + n1
            n1 = n2 - n1
        End While
        Console.ReadLine()
    End Sub


End Module
```

OUTPUT-18

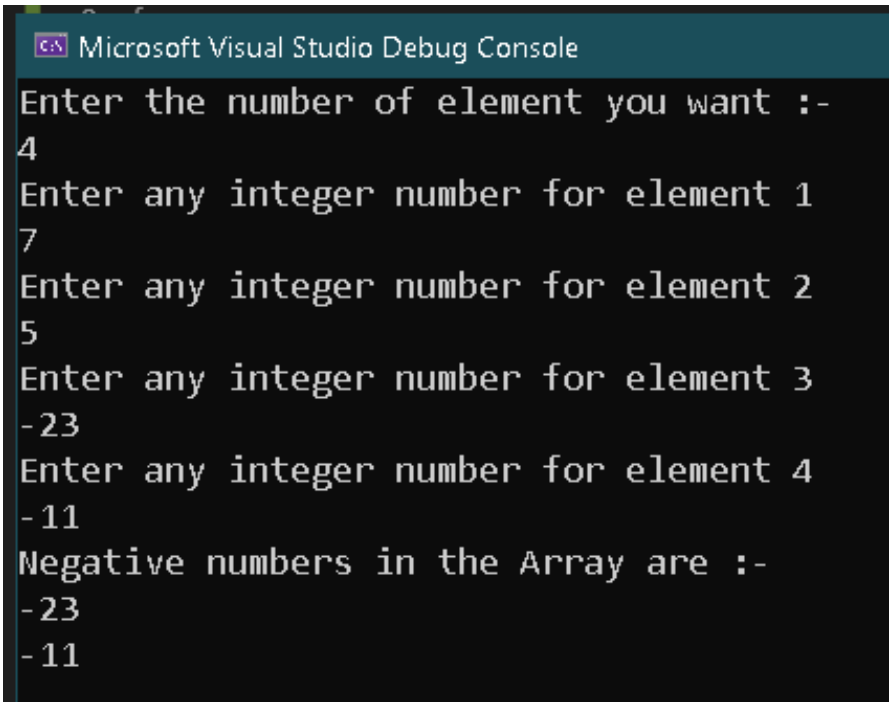

C:\Users\CG-DTE\source\repos\Conso
PASCAL'S TRIANGLE :-
1
1 1
1 2 1
1 3 3 1
1 4 6 4 1
1 5 10 10 5 1
1 6 15 20 15 6 1

18) Write a program to print Pascal triangle up to n rows.

Code:-

```
Module Pascal
    Sub Main()
        Dim arr As Integer(,) = New Integer(7, 7) {}
        Console.Write("PASCAL'S TRIANGLE :-")
        For i As Integer = 0 To 7
            For k As Integer = 7 To i + 1 Step -1 'print spaces
                Console.Write(" ")
            Next

            For j As Integer = 0 To i - 1
                If j = 0 OrElse i = j Then
                    arr(i, j) = 1
                Else
                arr(i, j) = arr(i - 1, j) + arr(i - 1, j - 1)
                End If
                Console.Write(arr(i, j) & " ")
            Next
            Console.WriteLine()
        Next
        Console.ReadLine()
    End Sub
End Module
```

OUTPUT-19

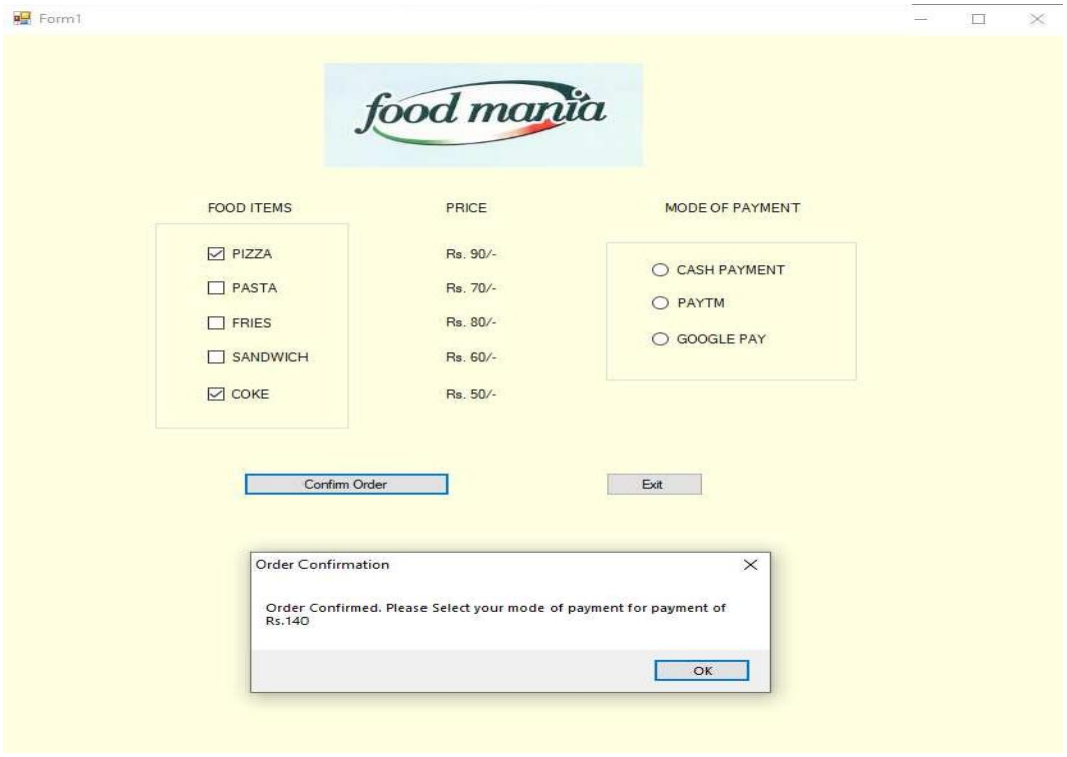

Microsoft Visual Studio Debug Console
Enter the number of element you want :-
4
Enter any integer number for element 1
7
Enter any integer number for element 2
5
Enter any integer number for element 3
-23
Enter any integer number for element 4
-11
Negative numbers in the Array are :-
-23
-11

19) Write a program to print all negative elements in an array.

Code:-

```
Module Arr
 Sub Main()
   Dim m(100), i, n As Integer
  Console.WriteLine("Enter the number of element you want :-")
  n = Console.ReadLine()

  For i = 1 To n
     Console.WriteLine("Enter any integer number for element {0}", i)
   m(i) = Console.ReadLine()
 Next

   console.writeline("Negative numbers in the Array are :- ")
  For i = 1 To n
     If (m(i) < 0) Then
       Console.WriteLine("{0}", m(i))
   End If
 Next
  End Sub
End Module
```

OUTPUT – 20


Form1
food mania
FOOD ITEMS
PRICE
MODE OF PAYMENT
PIZZA
PASTA
FRIES
SANDWICH
COKE
Rs. 90/-
Rs. 70/-
Rs. 80/-
Rs. 60/-
Rs. 50/-
CASH PAYMENT
PAYTM
GOOGLE PAY
Confirm Order
Exit
Order Confirmation
Order Confirmed. Please Select your mode of payment for payment of Rs.140
OK

Form1
food mania
FOOD ITEMS
PRICE
MODE OF PAYMENT
PIZZA
PASTA
FRIES
SANDWICH
COKE
Rs. 90/-
Rs. 70/-
Rs. 80/-
Rs. 60/-
Rs. 50/-
CASH PAYMENT
PAYTM
GOOGLE PAY
Confirm Order
Exit
Payment
Please do PAYTM of Rs. 140
OK

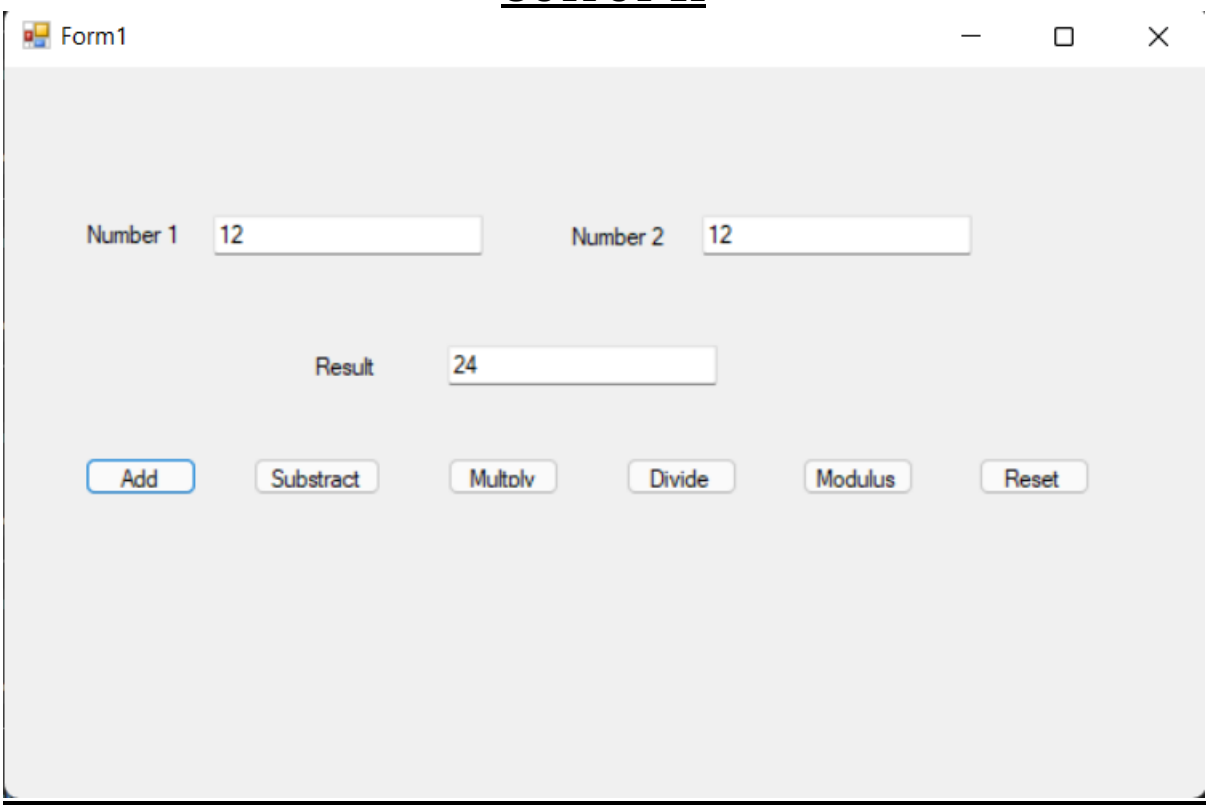
20) Create an application that offers various food items to select from check boxes and a mode of payment using radio button. It then display the total amount payable.

Code:-

```
Public Class Form1 Dim sum As Integer Dim a As Integer


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

sum = 0

a = 0 End Sub


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

If CheckBox1.Checked = True Then a = 90

sum = sum + 90 End If

End Sub


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

If CheckBox2.Checked = True Then a = 70

sum = sum + 70 End If

End Sub


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

If CheckBox3.Checked = True Then a = 80

sum = sum + 80 End If

End Sub
```

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

MsgBox("Order Confirmed. Please Select your mode of payment for payment of Rs." & sum)


End Sub

Private Sub CheckBox4_CheckedChanged(sender As System.Object, e As System.EventArgs)
Handles CheckBox4.CheckedChanged

If CheckBox4.Checked = True Then a = 60

sum = sum + 60 End If

End Sub

Private Sub CheckBox5_CheckedChanged(sender As System.Object, e As System.EventArgs)
Handles CheckBox5.CheckedChanged

If CheckBox5.Checked = True Then a = 50

sum = sum + 50 End If

End Sub

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

MsgBox("Please Make Cash Payment of Rs. " & sum) End Sub


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

MsgBox("Please do PAYTM of Rs. " & sum) End Sub

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

MsgBox("Please Make Google Pay Payment of Rs. " & sum) End Sub


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

Close() End Sub

End Class
```

OUTPUT-21


Form1
Number 1
12
Number 2
12
Result
24
Add
Substract
Multolv
Divide
Modulus
Reset

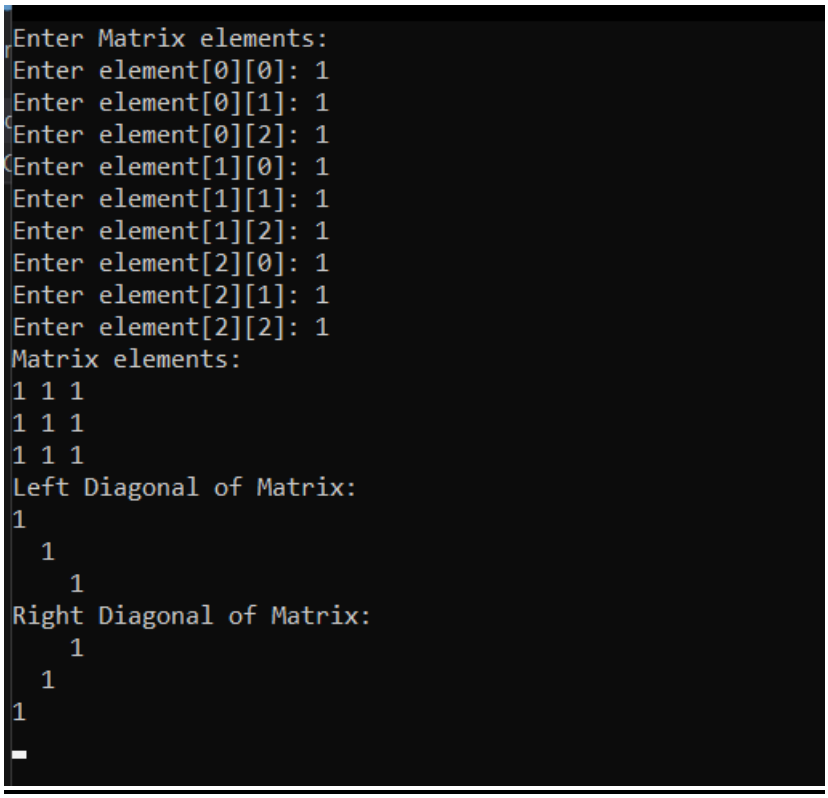
21)Design a window application for simple arithmetic operations.

Code:-

```
Public Class Form1

    Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
        Dim x As Integer = CInt(TextBox1.Text)
        Dim y As Integer = CInt(TextBox2.Text)
        TextBox3.Text = x + y
    End Sub

    Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
        Dim x As Integer = CInt(TextBox1.Text)
        Dim y As Integer = CInt(TextBox2.Text)
        TextBox3.Text = x - y
    End Sub

    Private Sub Button3_Click(sender As Object, e As EventArgs) Handles Button3.Click
        Dim x As Integer = CInt(TextBox1.Text)
        Dim y As Integer = CInt(TextBox2.Text)
        TextBox3.Text = x * y
    End Sub
    Private Sub Button4_Click(sender As Object, e As EventArgs) Handles Button4.Click
        Dim x As Integer = CInt(TextBox1.Text)
        Dim y As Integer = CInt(TextBox2.Text)
        TextBox3.Text = x \ y
    End Sub
    Private Sub Button5_Click(sender As Object, e As EventArgs) Handles Button5.Click
        Dim x As Integer = CInt(TextBox1.Text)
```

```
        Dim y As Integer = CInt(TextBox2.Text)
        TextBox3.Text = x Mod y
    End Sub
    Private Sub Button6_Click(sender As Object, e As EventArgs) Handles Button6.Click
        TextBox3.Text = ""
    End Sub
End Class
```

OUTPUT-22


Enter Matrix elements:
Enter element[0][0]: 1
Enter element[0][1]: 1
Enter element[0][2]: 1
Enter element[1][0]: 1
Enter element[1][1]: 1
Enter element[1][2]: 1
Enter element[2][0]: 1
Enter element[2][1]: 1
Enter element[2][2]: 1
Matrix elements:
1 1 1
1 1 1
1 1 1
Left Diagonal of Matrix:
1
1
1
Right Diagonal of Matrix:
1
1
1

22) Write a program to create 2 D array, Insert element into array and display elements in matrix form and also display forward and back word diagonal of matrix.

Code:-

```
Module Module1
    Sub Main()
        Dim arr(,) As Integer = New Integer(3, 3) {}

        Console.WriteLine("Enter Matrix elements: ")
        For i = 0 To 2 Step 1
            For j = 0 To 2 Step 1
                Console.Write("Enter element[{0}][{1}]: ", i, j)
                arr(i, j) = Integer.Parse(Console.ReadLine())
            Next
        Next

        Console.WriteLine("Matrix elements: ")
        For i = 0 To 2 Step 1
            For j = 0 To 2 Step 1

                Console.Write("{0} ", arr(i, j))
            Next
            Console.WriteLine()
        Next

        Console.WriteLine("Left Diagonal of Matrix: ")
        For i = 0 To 2 Step 1
            For j = 0 To 2 Step 1
```

```
            If (i = j) Then
                Console.Write("{0} ", arr(i, j))
            Else
                Console.Write("  ")
            End If
        Next
        Console.WriteLine()
    Next

    Console.WriteLine("Right Diagonal of Matrix: ")
    For i = 0 To 2 Step 1
        For j = 0 To 2 Step 1
            If (i + j = 2) Then
                Console.Write("{0} ", arr(i, j))
            Else
                Console.Write("  ")
            End If
        Next
        Console.WriteLine()
    Next
    Console.ReadLine()
  End Sub

End Module
```

OUTPUT-23

```
Array before sorting

(7,3,5,8,9,2,7,)

Array after sorting

(2,3,5,7,7,8,9,)
```

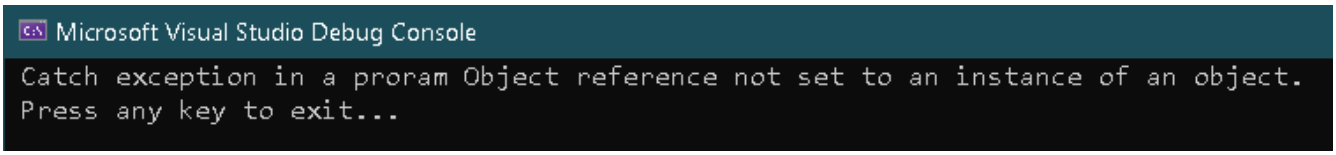
23) Write a program to sort an array.

Code:

```
Module Module1
    Sub Main()
        Dim Array As Integer()
        Dim arrayItem As Integer
        Array = {7, 3, 5, 8, 9, 2, 7}
        Console.WriteLine("Array before sorting")
       Console.WriteLine()
        Console.Write("(")
        For Each arrayItem In Array
            Console.Write(arrayItem)
            Console.Write(",")
        Next

        Console.Write(")")
        Console.WriteLine()
        Console.WriteLine()

        For i = 0 To Array.Length - 1
            Dim current As Integer = Array(i)
            Dim j As Integer = i - 1
            While j >= 0
                If Array(j) > current Then
                    Array(j + 1) = Array(j)
                    j = j - 1
                Else
                    Exit While
```

```
            End If
        End While
        Array(j + 1) = current
    Next

    Console.WriteLine("Array after sorting")
    Console.WriteLine()
    Console.Write("(")
    For Each arrayItem In Array
        Console.Write(arrayItem)
        Console.Write(",")
    Next
    Console.Write(")")
    Console.ReadLine()
  End Sub

End Module
```

OUTPUT-24

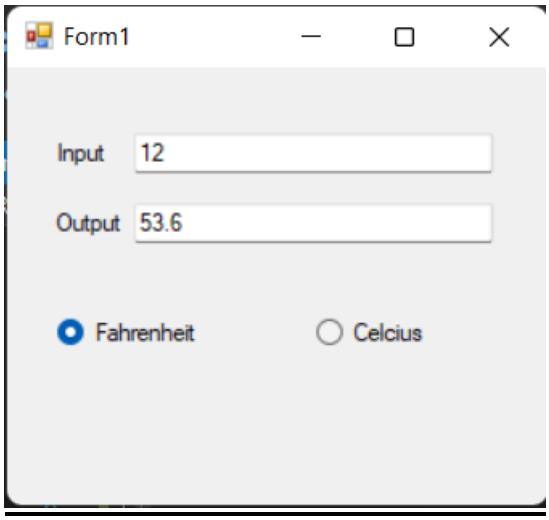

Microsoft Visual Studio Debug Console
Catch exception in a proram Object reference not set to an instance of an object.
Press any key to exit...

24) Write a program to illustrate exception handling.

Code;-

```
Module Try_catch
    Sub Main(ByVal args As String())
        Dim strName As String = Nothing
        Try
            If strName.Length > 0 Then
                Console.WriteLine(" Name of String is {0}", strName)
            End If
        Catch ex As Exception
            Console.WriteLine(" Catch exception in a proram {0}", ex.Message)
        End Try
        Console.WriteLine(" Press any key to exit...")
        Console.ReadKey()
    End Sub
End Module
```

OUTPUT-25

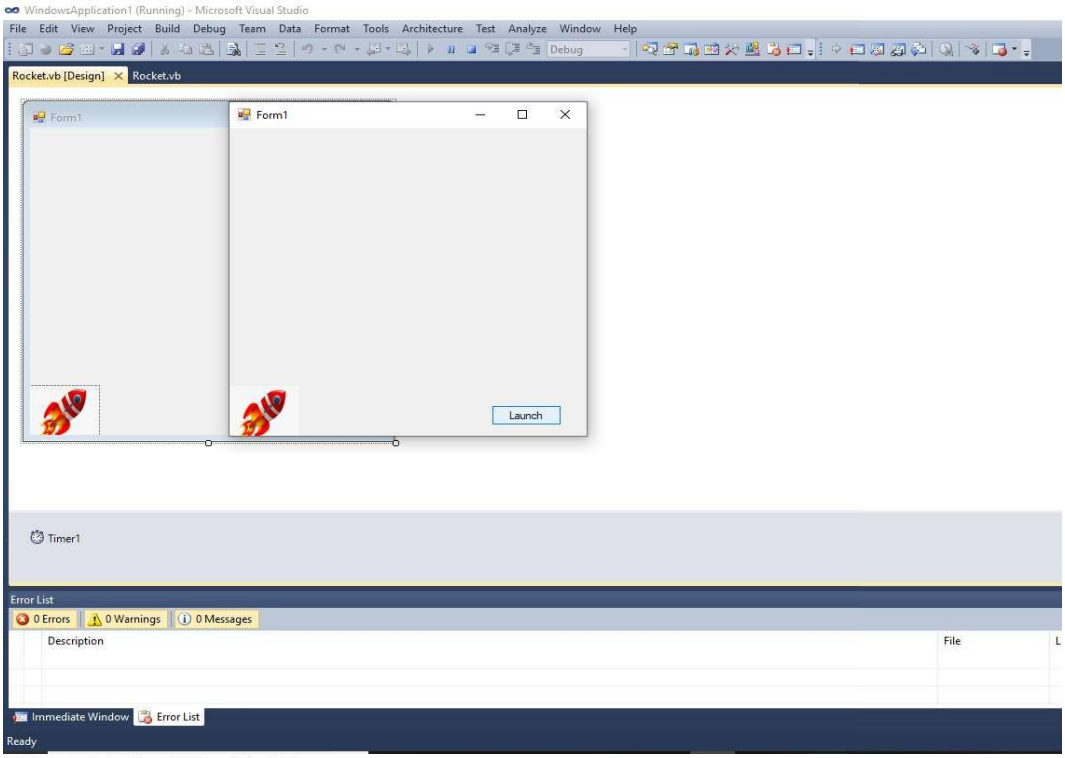


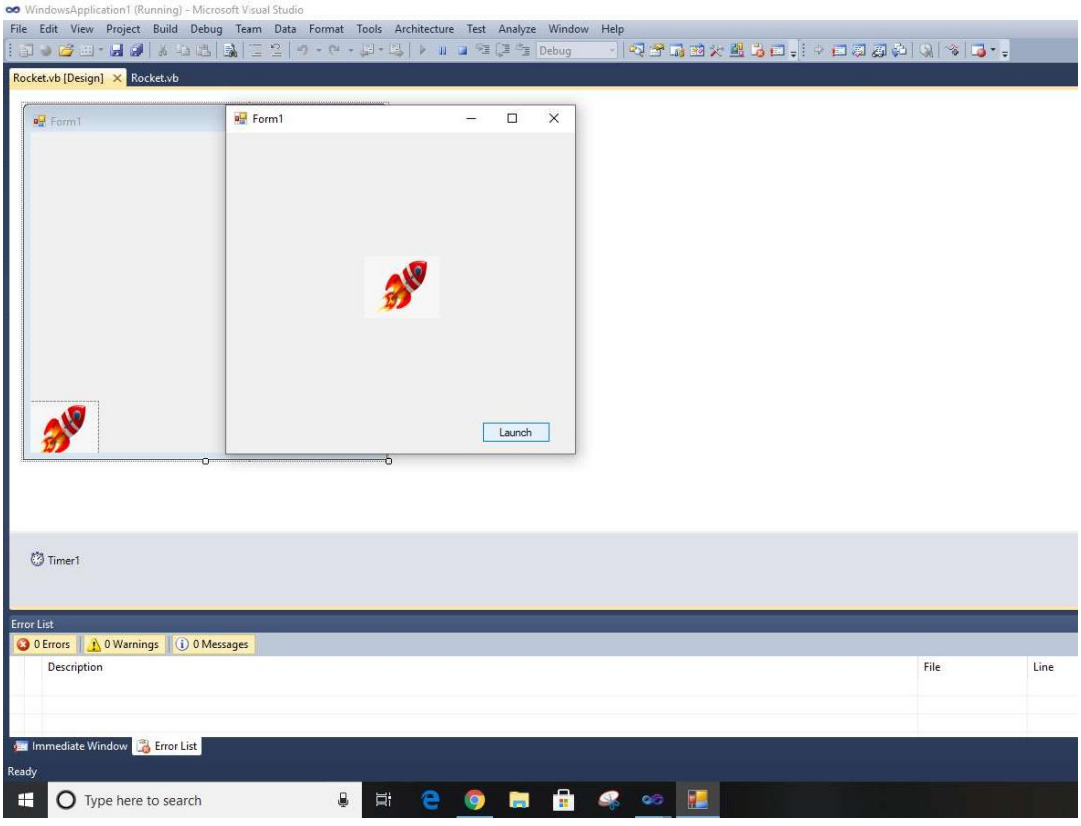
25) WAP for temperature conversion using radio button

Code:

```
Public Class Form1

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

        If RadioButton1.Checked = True Then

            Dim ResultFV As Double = (9 / 5) * TextBox1.Text + 32

            TextBox2.Text = ResultFV


        End If

    End Sub


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

        If RadioButton2.Checked = True Then



            TextBox2.Text = TextBox1.Text


        End If

    End Sub

End Class
```

OUTPUT-26


WindowsApplication1 (Running) - Microsoft Visual Studio
File Edit View Project Build Debug Team Data Format Tools Architecture Test Analyze Window Help
Debug
Rocket.vb [Design]
Rocket.vb
Form1
Form1
Launch
Timer1
Error List
0 Errors
0 Warnings
0 Messages
Description
File
Immediate Window
Error List
Ready

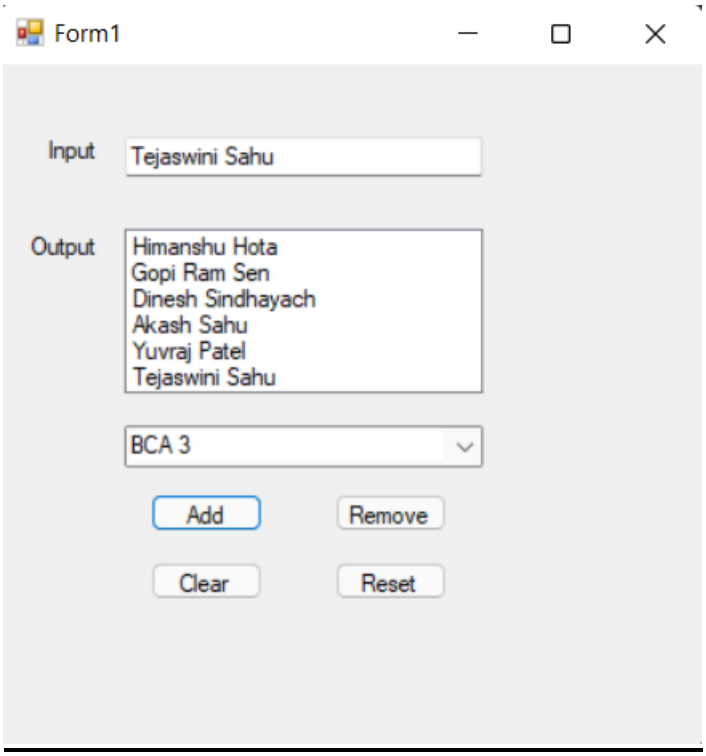

WindowsApplication1 (Running) - Microsoft Visual Studio
File Edit View Project Build Debug Team Data Format Tools Architecture Test Analyze Window Help
Debug
Rocket.vb [Design]
Rocket.vb
Form1
Form1
Launch
Timer1
Error List
0 Errors
0 Warnings
0 Messages
Description
File
Line
Immediate Window
Error List
Ready
Type here to search

26) Write a program to launch the rocket using a picture box and timer tool.

CODE :-

```
Public Class Form1


Private Sub Timer1_Tick(sender As System.Object, e As System.EventArgs) Handles
Timer1.Tick

PictureBox1.Top = PictureBox1.Top - 10 PictureBox1.Left = PictureBox1.Left + 10

End Sub


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

Timer1.Start() End Sub


End Class
```

OUTPUT-27


Form1
Input
Tejaswini Sahu
Output
Himanshu Hota
Gopi Ram Sen
Dinesh Sindhayach
Akash Sahu
Yuvraj Patel
Tejaswini Sahu
BCA 3
Add
Remove
Clear
Reset

27) WAP to illustrate all functionalities of list box and combo box.

Code:-

```
Public Class Form1

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

        ListBox1.Items.Add(TextBox2.Text)

    End Sub

    Private Sub TextBox2_TextChanged(sender As Object, e As EventArgs) Handles
TextBox2.TextChanged

    End Sub

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

        ListBox1.Items.Remove(TextBox2.Text)

    End Sub

    Private Sub Button4_Click(sender As Object, e As EventArgs) Handles Button4.Click

        TextBox2.Text = ""

    End Sub

    Private Sub Button3_Click(sender As Object, e As EventArgs) Handles Button3.Click

        ListBox1.Items.Clear()

    End Sub

End Class
```

OUTPUT-28

```
 Before Preserving the Elements
Days Name in [0] index is Sunday
Days Name in [1] index is Monday
Days Name in [2] index is Tuesday

 After Preserving 0 to 2 index Elements
Days Name in [0] index is Sunday
Days Name in [1] index is Monday
Days Name in [2] index is Tuesday
Days Name in [3] index is Wednesday
Days Name in [4] index is Thursday
Days Name in [5] index is Friday
Days Name in [6] index is Saturday
 Press any key to exit...
```

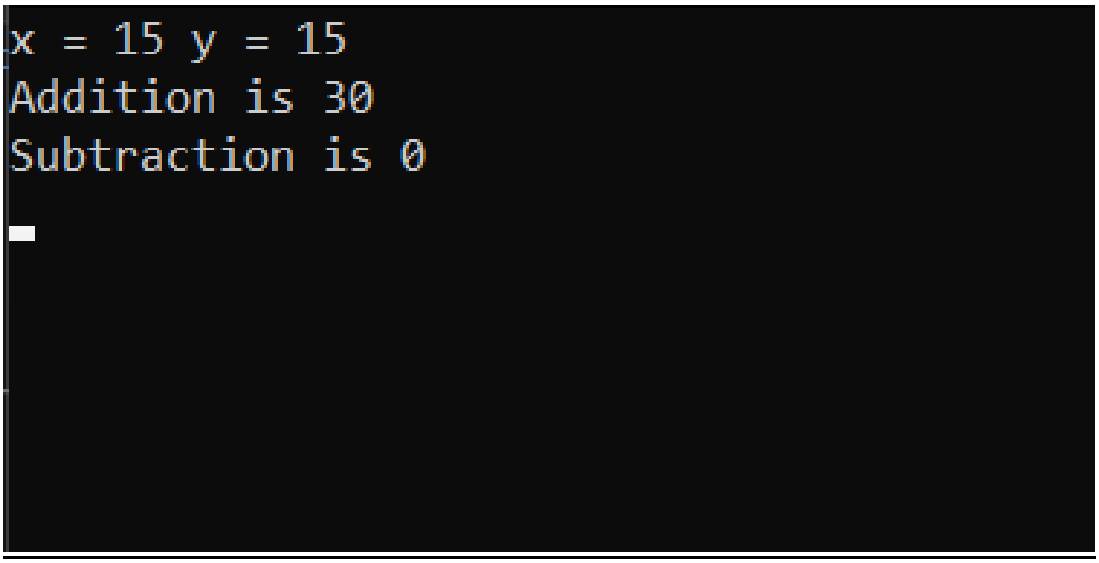
28) WAP to illustrate dynamic array using preserve keyword.

Code:-

```
Module Module1

    Sub Main()

        Dim Days() As String

        ' Resize an Array using the ReDim Statement

        ReDim Days(2)

        Days(0) = "Sunday"

        Days(1) = "Monday"

        Days(2) = "Tuesday"

        Console.WriteLine(" Before Preserving the Elements")

        For i As Integer = 0 To Days.Length - 1

            Console.WriteLine("Days Name in [{0}] index is {1}", i, Days(i)) Next

        Console.WriteLine()

        Console.WriteLine(" After Preserving 0 to 2 index Elements")

        ReDim Preserve Days(6)

        Days(3) = "Wednesday"

        Days(4) = "Thursday"

        Days(5) = "Friday"
```

```
        Days(6) = "Saturday"
        For i As Integer = 0 To Days.Length - 1
            Console.WriteLine("Days Name in [{0}] index is {1}", i, Days(i))
        Next
        Console.WriteLine(" Press any key to exit...")
        Console.ReadLine()
    End Sub
End Module
```

OUTPUT-29

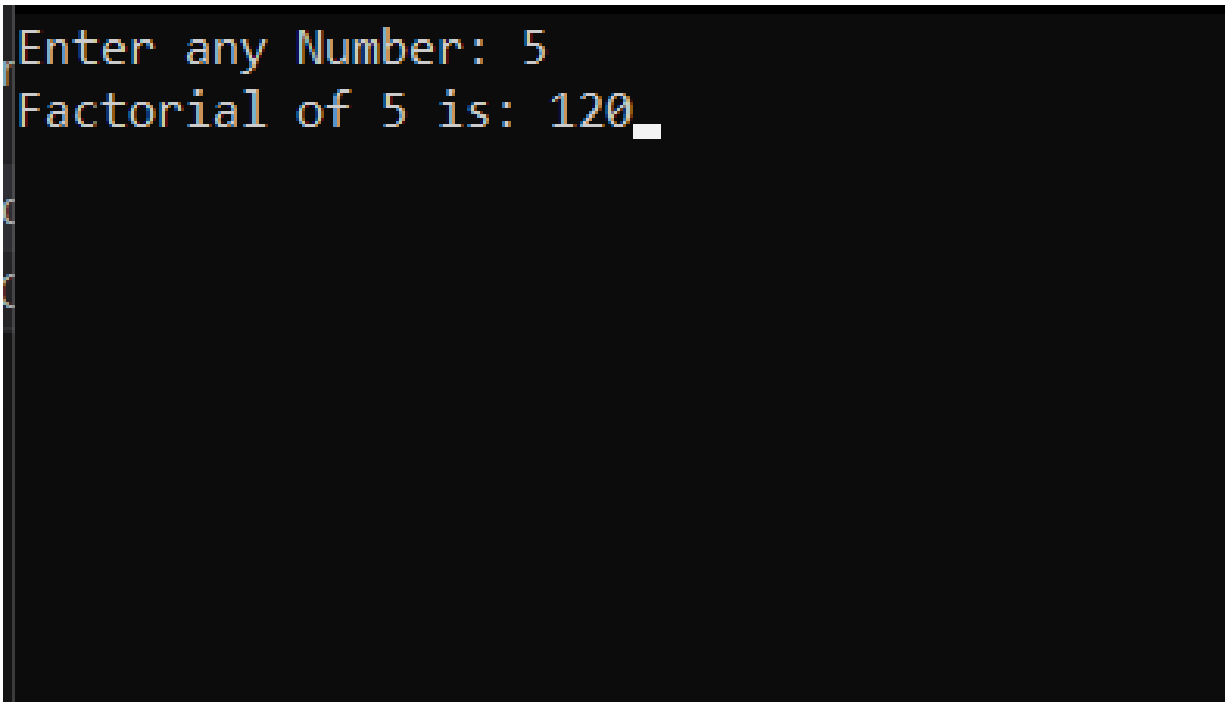


29) Write a program to calculate addition and subtraction, the addition should be calculated by function with parameter passing value concept and the subtraction should be calculated by procedure with parameter passing reference concept.

Code:-

```
Module Module1

    Sub Subtraction(ByRef x As Integer, y As Integer)
        Dim z As Integer = x - y
        Console.WriteLine("Subtraction is {0}", z)
    End Sub

    Function Add(ByVal x As Integer, ByVal y As Integer)
        Add = x + y
    End Function

    Sub Main()
        Dim x As Integer = 15
        Dim y As Integer = 15
        Console.WriteLine("x = {0} y = {1}", x, y)
        Console.WriteLine("Addition is {0}", Add(x, y))
        Subtraction(x, y)
        Console.ReadLine()
    End Sub

End Module
```

OUTPUT-30

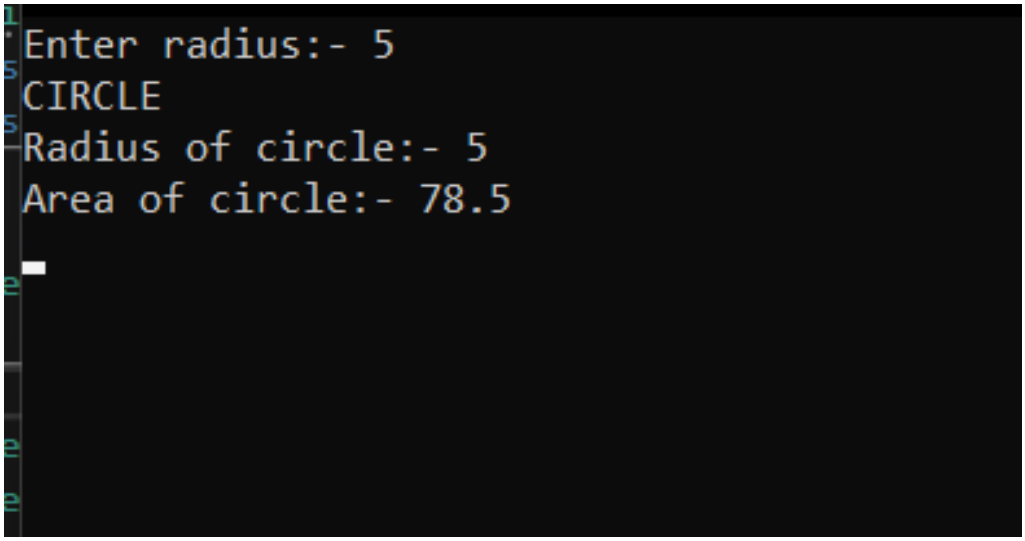


30) WAP to calculate factorial of a number using user define procedure.

Code:-

```
Module Module1
    Sub Main()
        Dim i, number As Integer, fact As Integer = 1
        Console.Write("Enter any Number: ")
        number = Integer.Parse(Console.ReadLine())

        For i = 1 To number
            fact = fact * i
        Next

        Console.Write("Factorial of " & number & " is: " & fact)
        Console.ReadLine()
    End Sub

End Module
```

OUTPUT-31

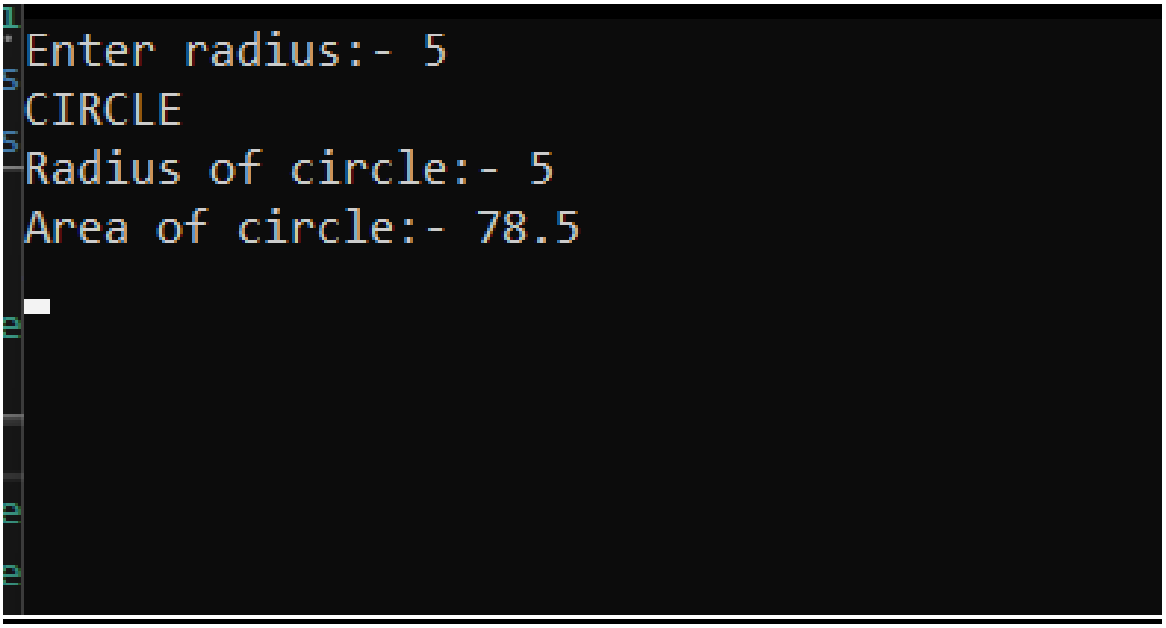


31) Create a class circle with data member radius; provide member function to calculate area.

Code:-

```
Module Module1

    Public Class circle
        Public r As Double = 5
        Public a As Double = 6

        Public Sub getdata()
            Console.WriteLine("Enter radius:- {0}", r)
        End Sub
        Public Sub area()
            Console.WriteLine("CIRCLE")
            Console.WriteLine("Radius of circle:- {0}", r)
            a = 3.14 * r * r
            Console.WriteLine("Area of circle:- {0}", a)
        End Sub
    End Class


    Sub Main()

        Dim betichod As circle = New circle()
        betichod.getdata()
        betichod.area()
        Console.ReadLine()
    End Sub

End Module
```

OUTPUT-32

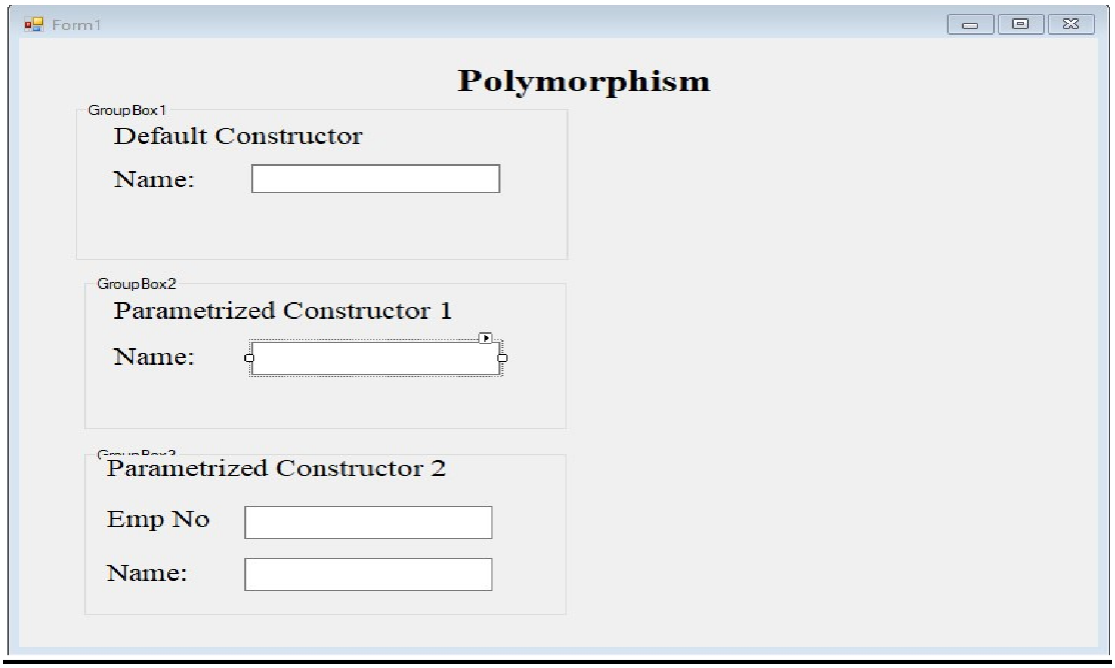


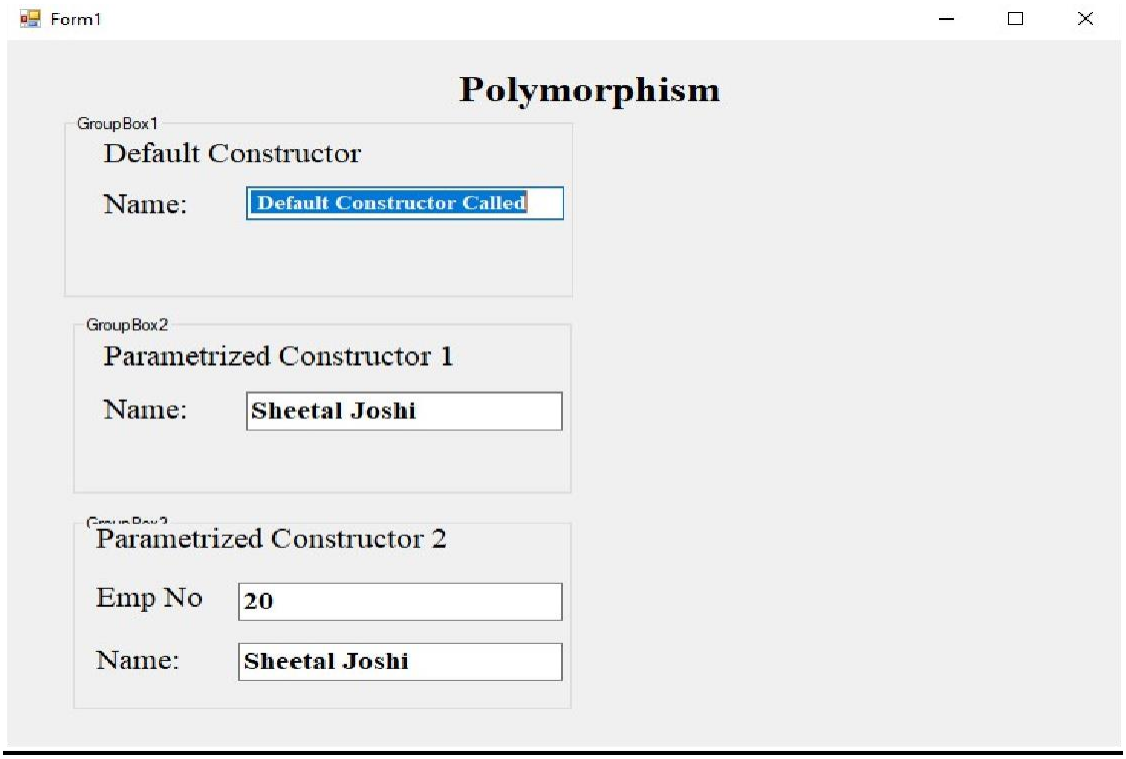
32) Derive a class sphere from class circle; provide member function to calculate volume. Derive c lass cylinder from class sphere with additional data member for height and member function to calculate volume.

Code:-

```
Module Module1
    Public Class circle
        Public r As Double = 5
        Public a As Double = 6
        Public Sub getdata()
            Console.WriteLine("Enter radius:- {0}", r)
        End Sub
        Public Sub area()
            Console.WriteLine("CIRCLE")
            Console.WriteLine("Radius of circle:- {0}", r)
            a = 3.14 * r * r
            Console.WriteLine("Area of circle:- {0}", a)
        End Sub
    End Class
    Sub Main()
        Dim betichod As circle = New circle()
        betichod.getdata()
        betichod.area()
        Console.ReadLine()
    End Sub

End Module
```

OUTPUT-33


Form1
Polymorphism
GroupBox1
Default Constructor
Name:
GroupBox2
Parametrized Constructor 1
Name:
Parametrized Constructor 2
Emp No
Name:

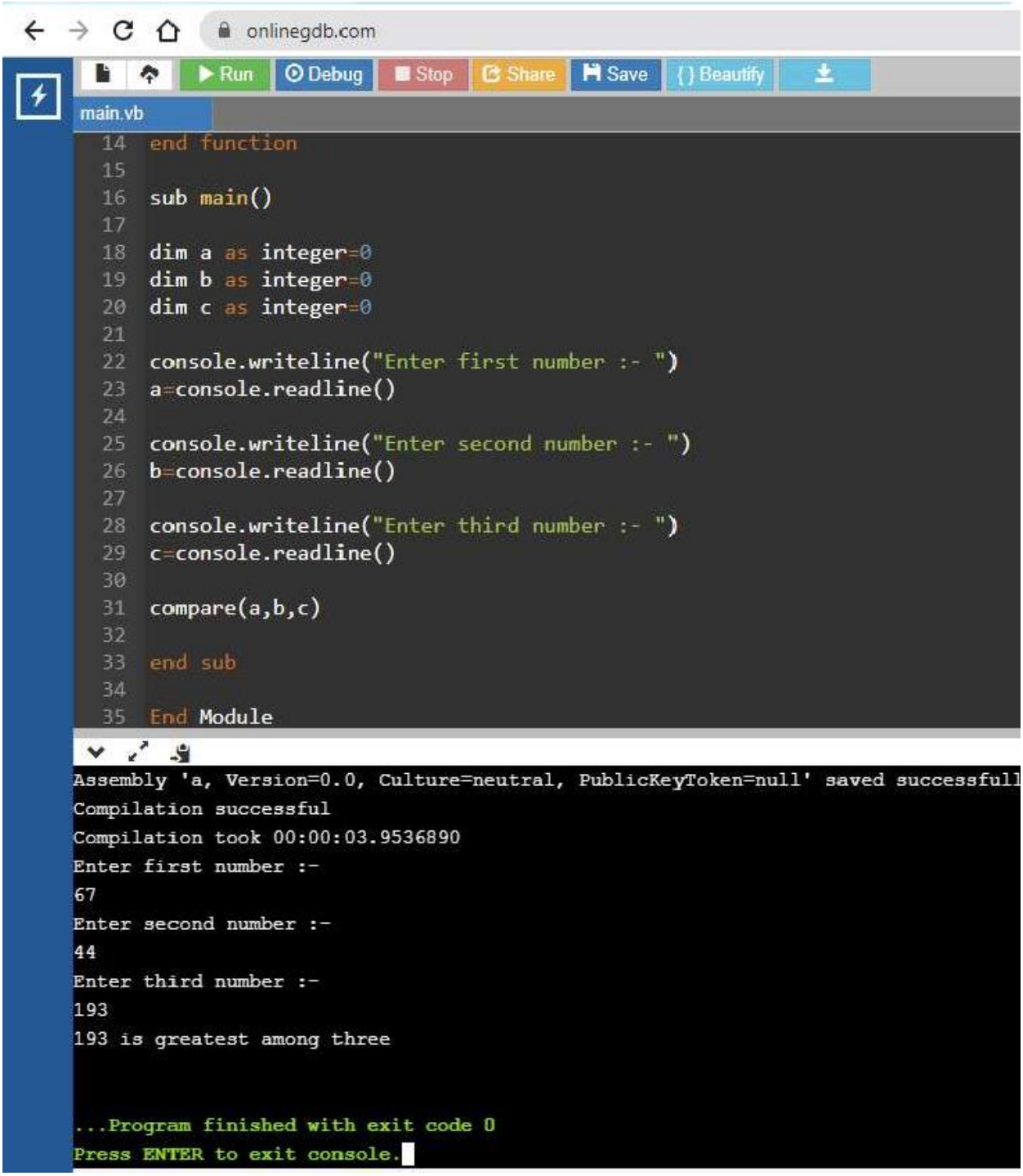

Form1
Polymorphism
GroupBox1
Default Constructor
Name:
Default Constructor Called
GroupBox2
Parametrized Constructor 1
Name:
Sheetal Joshi
Parametrized Constructor 2
Emp No
20
Name:
Sheetal Joshi

33) WAP to demonstrate concept of polymorphism(Constructor Overloading).

Code:-

```
Imports Overloading.Employees

Public Class Form1

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

End Sub

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

Dim obj As New Employees()

Dim obj1 As New Employees("Sheetal Joshi")

Dim obj2 As New Employees("20", "Sheetal Joshi") End Sub


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


End Sub

 End Class
```

OUTPUT-34


onlinegdb.com
Run
Debug
Stop
Share
Save
{ } Beautify
main.vb
14 end function
15
16 sub main()
17
18 dim a as integer=0
19 dim b as integer=0
20 dim c as integer=0
21
22 console.writeline("Enter first number :- ")
23 a=console.readline()
24
25 console.writeline("Enter second number :- ")
26 b=console.readline()
27
28 console.writeline("Enter third number :- ")
29 c=console.readline()
30
31 compare(a,b,c)
32
33 end sub
34
35 End Module
Assembly 'a, Version=0.0, Culture=neutral, PublicKeyToken=null' saved successfull
Compilation successful
Compilation took 00:00:03.9536890
Enter first number :-
67
Enter second number :-
44
Enter third number :-
193
193 is greatest among three
...Program finished with exit code 0
Press ENTER to exit console.

34) WAP to find the greatest among three given numbers using user defined procedures.

Code:-

```
Module great

function compare(Byval a As Integer,Byval b As Integer,Byval c As Integer) As Integer if a>=b
and a>=c then

console.writeline("{0} is greatest among three",a)

elseif b>=a and b>=c

console.writeline("{0} is greatest among three",b) else

console.writeline("{0} is greatest among three",c) end if

end function sub main()

dim a as integer=0 dim b as integer=0 dim c as integer=0


console.writeline("Enter first number :- ") a=console.readline()


console.writeline("Enter second number :- ") b=console.readline()


console.writeline("Enter third number :- ") c=console.readline()


compare(a,b,c) end sub

End Module
```

OUTPUT-35

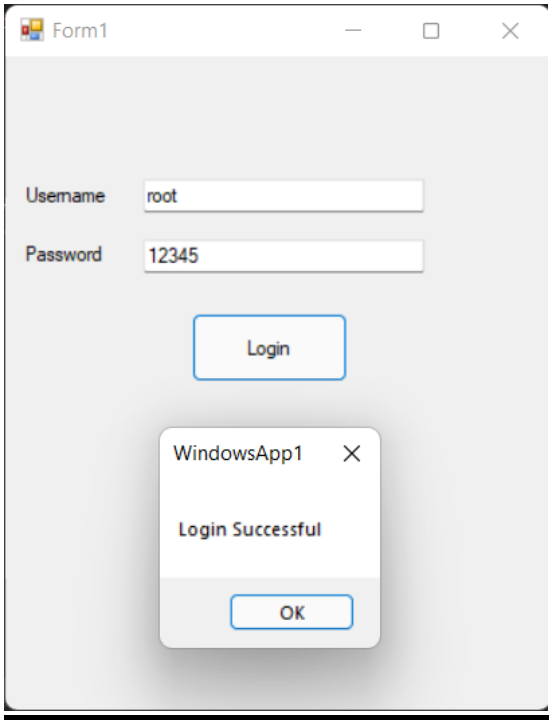
```
ENTER ROLL NO:-
16
ENTER NAME:-
KIRTI
ENTER MARKS IN ENGLISH,MATHEMATICS,PHYSICS RESPECTIVELY:-
98
97
95
SUBJECT NAME     MAX MARKS     MIN MARKS     OBT MARKS
ENGLISH          100           33             98
MATHEMATICS      100           33             97
PHYSICS          100           33             95
TOTAL=290
PERCENTAGE IS=97
```

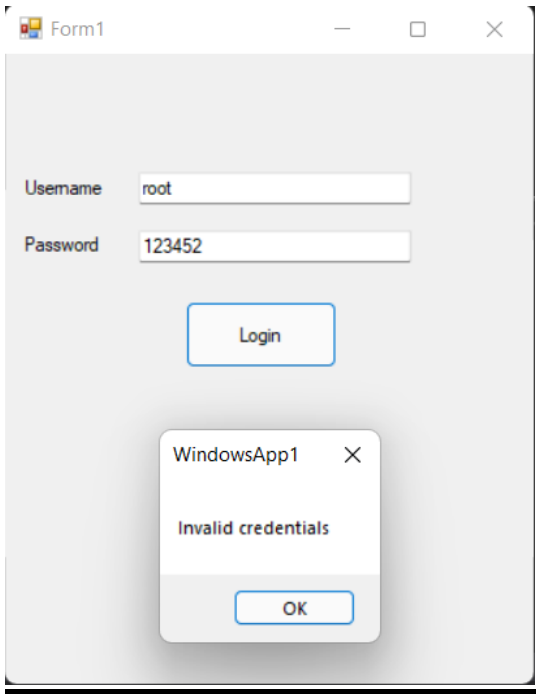
35) Create a class student having data member to store roll number, name of student, name of three subject, max marks, min marks, obtained marks. Declare an object of class student. Provide facility to input data in data member and display result of student.

CODE:-

```
Imports System Module Module1

Public Class student

Public roll, sub1, sub2, sub3, total As Integer Public name As String

Public per As Integer Public Sub input()

Console.WriteLine("ENTER ROLL NO:-") roll = Console.ReadLine()
Console.WriteLine("ENTER NAME:-") name = Console.ReadLine()

Console.WriteLine("ENTER MARKS IN ENGLISH,MATHEMATICS,PHYSICS
RESPECTIVELY:-")

sub1 = Console.ReadLine() sub2 = Console.ReadLine() sub3 = Console.ReadLine()

Console.WriteLine("SUBJECT NAME MAX MARKS MIN MARKS OBT
MARKS")

Console.WriteLine("ENGLISH 100 33 {0}", sub1)

Console.WriteLine("MATHEMATICS 100 33 {0}", sub2)

Console.WriteLine("PHYSICS 100 33 {0}", sub3)

End Sub

Public Sub cal()

total = sub1 + sub2 + sub3 per = total / 3

Console.WriteLine("TOTAL={0}", total) Console.WriteLine("PERCENTAGE IS={0}", per)


End Sub End Class Sub Main()

Dim obj = New student() obj.input()

obj.cal()

Console.ReadLine()

End Sub

End Module
```

OUTPUT-36


Form1
Username
root
Password
12345
Login
WindowsApp1
Login Successful
OK

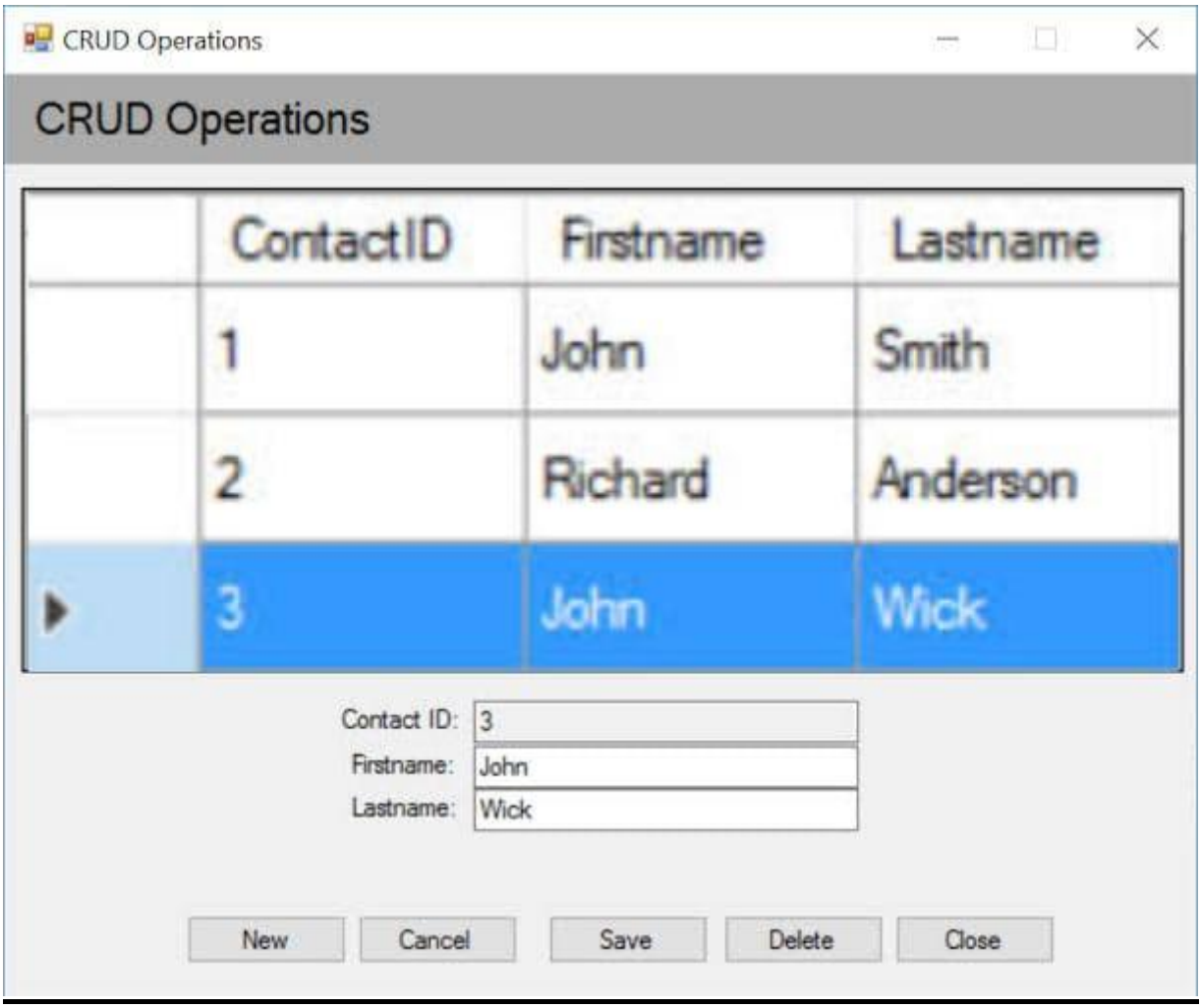

Form1
Username
root
Password
123452
Login
WindowsApp1
Invalid credentials
OK

36) Design a login form in VB.Net for Username Password validation.

Code:-

```
Module Module1
 Public Class Form1
   Private Sub Button1_Click(sender As Object, e As EventArgs) Handles
Button1.Click
      If TextBox1.Text = "root" And TextBox2.Text = "12345" Then
         MsgBox("Login Successful ")
      Else
         MsgBox("Invalid credentials")
      End If
   End Sub
End Class
End Module
```

OUTPUT-37


CRUD Operations
CRUD Operations
ContactID
Firstname
Lastname
1
John
Smith
2
Richard
Anderson
3
John
Wick
Contact ID:
3
Firstname:
John
Lastname:
Wick
New
Cancel
Save
Delete
Close

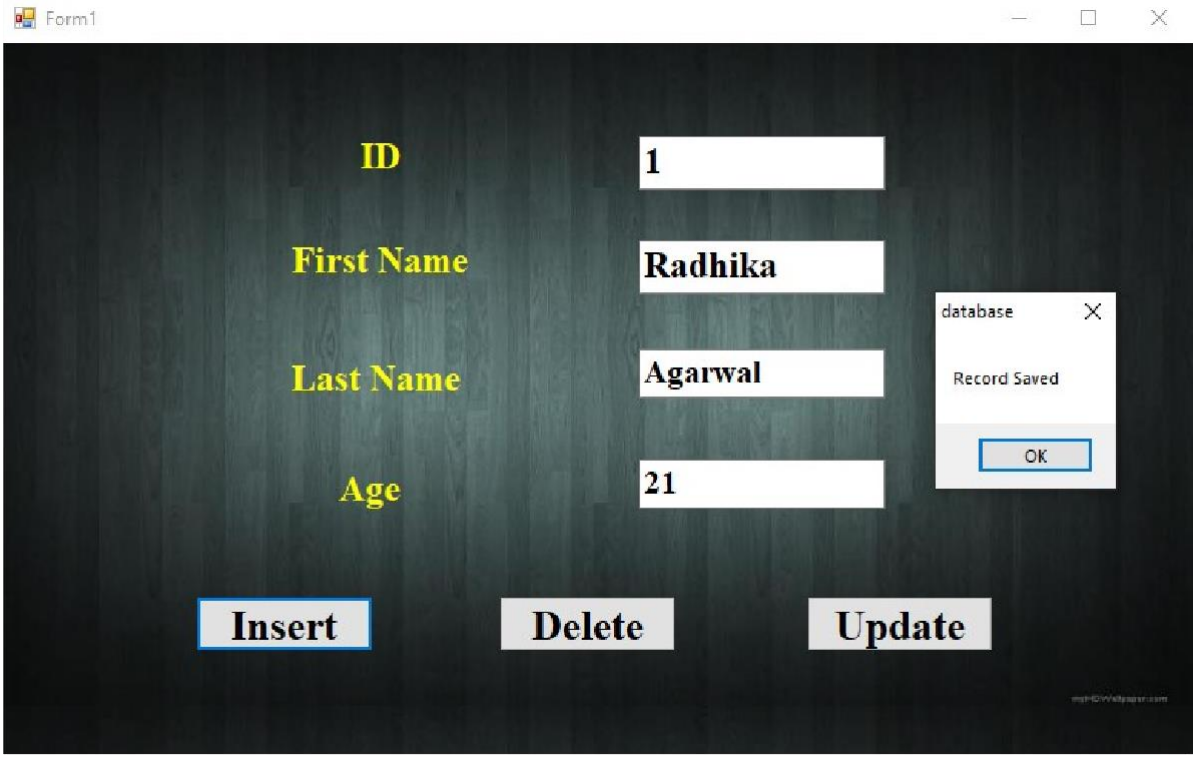
37) WAP to display records of a table using data adapter and code for buttons to move at first record, next record, previous record, last record in the table.

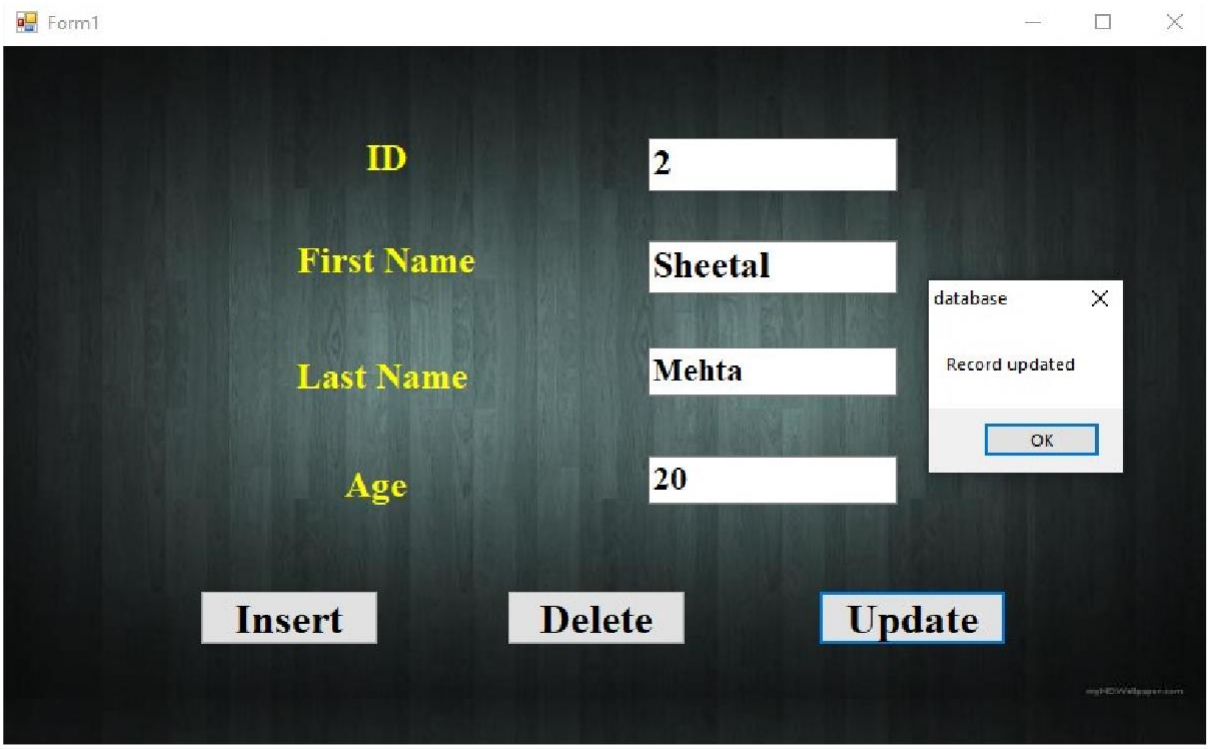
Code:-

```
Imports System.Data.OleDb
Public Class Form1
   Dim con As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\Administrator\Documents\demo.accdb")
   Dim cmd As New OleDbCommand
   Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
Handles MyBase.Load
      'TODO: This line of code loads data into the 'DemoDataSet.Table1' table. You can move, or
remove it, as needed.
      con.Open()
      Me.Table1TableAdapter.Fill(Me.DemoDataSet.Table1)
      cmd.Connection = con
   End Sub

   Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
Handles Button1.Click
      Table1BindingSource.AddNew()
   End Sub

   Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
Handles Button2.Click
      Table1BindingSource.EndEdit()
      Table1TableAdapter.Update(DemoDataSet.Table1)
      cmd.CommandText = "insert into table1 values( '" & TextBox1.Text & "','" &
TextBox2.Text & "')"
      cmd.ExecuteNonQuery()
      MsgBox("hi")
   End Sub

   Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
Handles Button3.Click
      Table1BindingSource.RemoveCurrent()
      If Me.DataGridView1.Rows.Count > 0 Then
         cmd.CommandText = "delete from table1 where name='" & TextBox1.Text & "'"
         cmd.ExecuteNonQuery()
         ' Me.Table1TableAdapter.Fill(Me.DemoDataSet.Table1)
      End If

   End Sub

   Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
Handles Button4.Click
```

```
        Table1BindingSource.MoveNext()
    End Sub

    Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
Handles Button5.Click
        Table1BindingSource.MovePrevious()
    End Sub
End Class
```

OUTPUT-38


Form1
ID
1
First Name
Radhika
Last Name
Agarwal
Age
21
database
Record Saved
OK
Insert
Delete
Update


Form1
ID
2
First Name
Sheetal
Last Name
Mehta
Age
20
database
Record updated
OK
Insert
Delete
Update

38) Create windows application for insert, update and delete data from database using navigator.

CODE:-

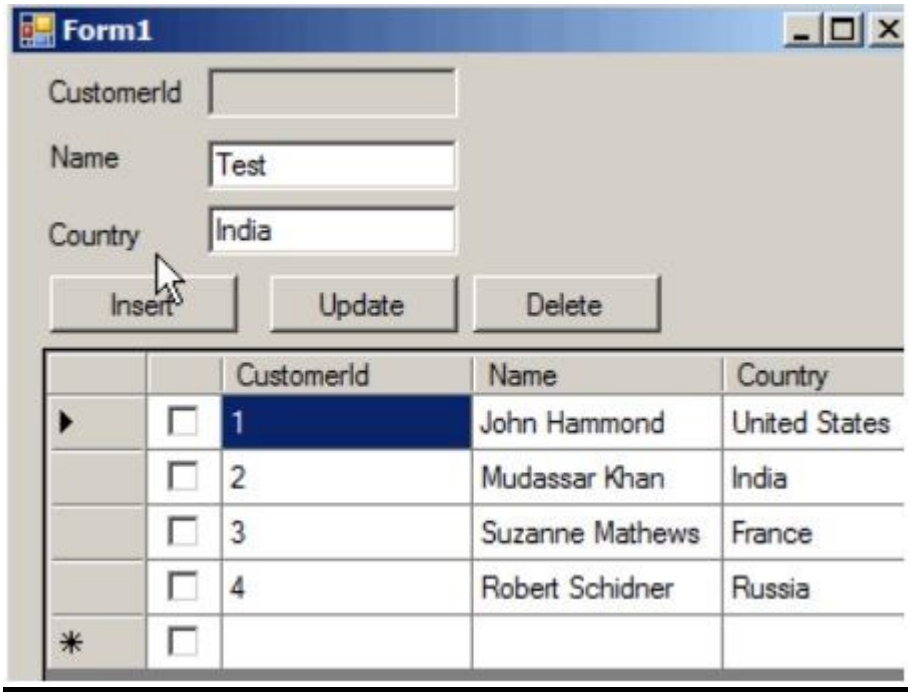
```
Imports System.Data.OleDb Public Class Form1

Dim pro As String

Dim connstring As String Dim command As String

Dim myconnection As OleDbConnection = New OleDbConnection



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


End Sub


Private Sub TextBox2_TextChanged(ByVal sender As System.Object, ByVal e As
System.EventArgs)


End Sub


Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)

Handles Button1.Click

pro = "Provider=Microsoft.ACE.OLEDB.12.0;Data Source =
C:\Users\hp\Documents\Database.accdb"

connstring = pro myconnection.ConnectionString = connstring
```

```
command = "insert into Table1 ([ID],[First Name],[Last Name],[Age]) values { ' " &
TextBox1.Text & " ','" & TextBox2.Text & " ','" & TextBox3.Text & " ','" & TextBox4.Text & "
'} "


Dim cmd As OleDbCommand = New OleDbCommand(command, myconnection)
cmd.Parameters.Add(New OleDbParameter("ID", CType(TextBox1.Text, String)))
cmd.Parameters.Add(New OleDbParameter("First Name", CType(TextBox2.Text, String)))
cmd.Parameters.Add(New OleDbParameter("Last Name", CType(TextBox3.Text, String)))
cmd.Parameters.Add(New OleDbParameter("Age", CType(TextBox4.Text, String)))


MsgBox("Record Saved")

Try

cmd.ExecuteNonQuery() cmd.Dispose() myconnection.Close() TextBox1.Clear()
TextBox2.Clear()

TextBox3.Clear() TextBox4.Clear() Catch ex As Exception

MsgBox(ex.Message)


End Try End Sub


Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)

Handles Button2.Click

pro = "Provider=Microsoft.ACE.OLEDB.12.0;Data Source =
C:\Users\hp\Documents\Database.accdb"

connstring = pro myconnection.ConnectionString = connstring



command = "Delete From [Table1] where [ID]=" & TextBox1.Text & ""

Dim cmd As OleDbCommand = New OleDbCommand(command, myconnection)
MsgBox("Record deleted")

Try
```

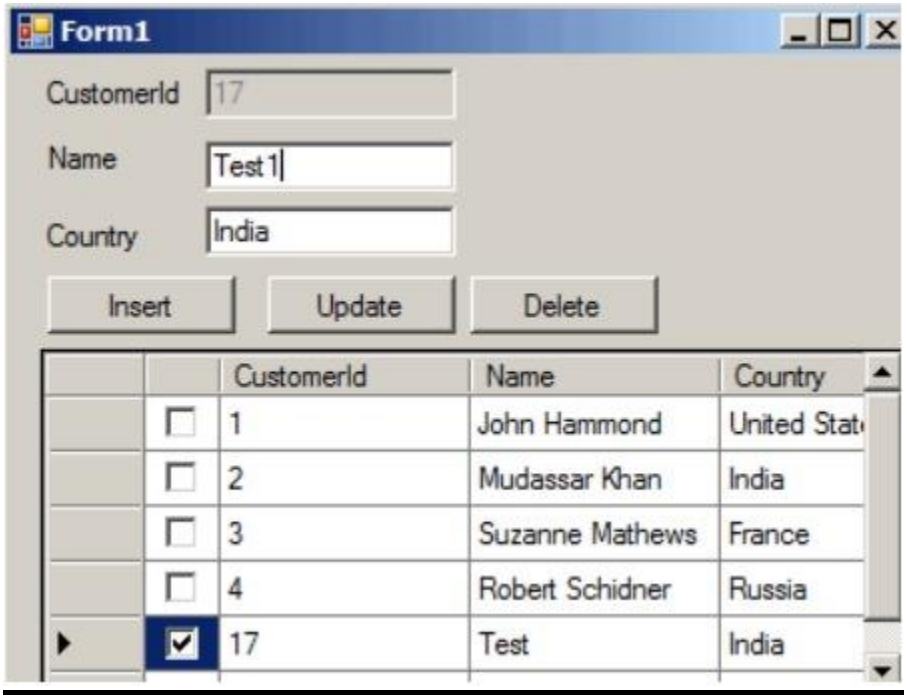
```
cmd.ExecuteNonQuery() cmd.Dispose() myconnection.Close() TextBox1.Clear()
TextBox2.Clear() TextBox3.Clear() TextBox4.Clear()

Catch ex As Exception MsgBox(ex.Message)


End Try End Sub


Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)

Handles Button3.Click

pro = "Provider=Microsoft.ACE.OLEDB.12.0;Data Source =
C:\Users\hp\Documents\Database.accdb"

connstring = pro myconnection.ConnectionString = connstring



command = "update Table1 set [First Name]='" & TextBox2.Text & "',[Last Name]='" &
TextBox3.Text & " ', [Age]='"

Dim cmd As OleDbCommand = New OleDbCommand(command, myconnection)
MsgBox("Record updated")

Try

cmd.ExecuteNonQuery() cmd.Dispose() myconnection.Close() TextBox1.Clear()
TextBox2.Clear() TextBox3.Clear() TextBox4.Clear()

Catch ex As Exception MsgBox(ex.Message)


End Try End Sub

End Class
```

OUTPUT:39

Insert



Update

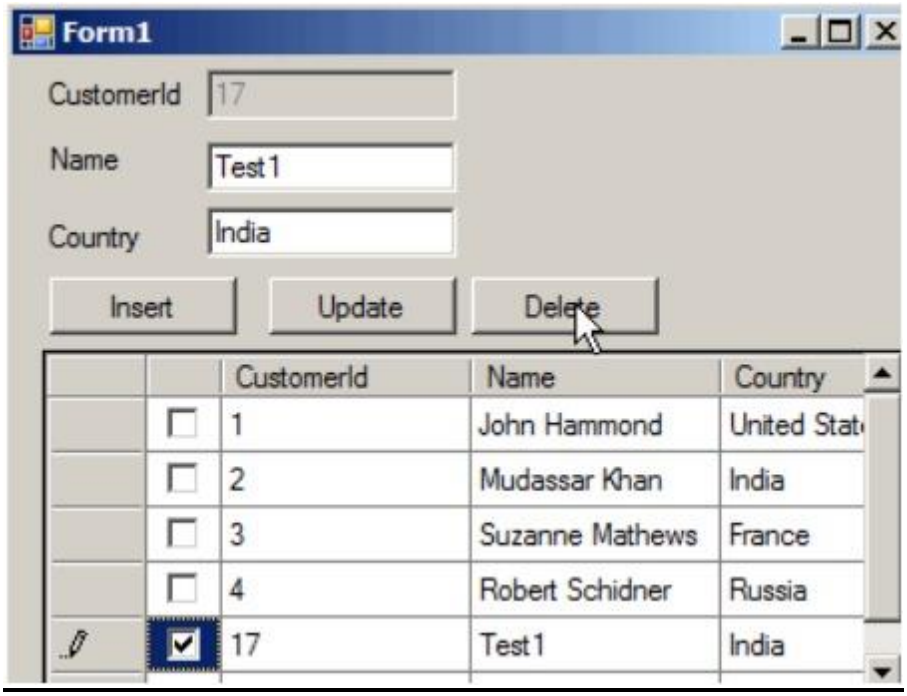


39) Design window application to insert, update and delete operation on table using Data grid view method.

Code:-

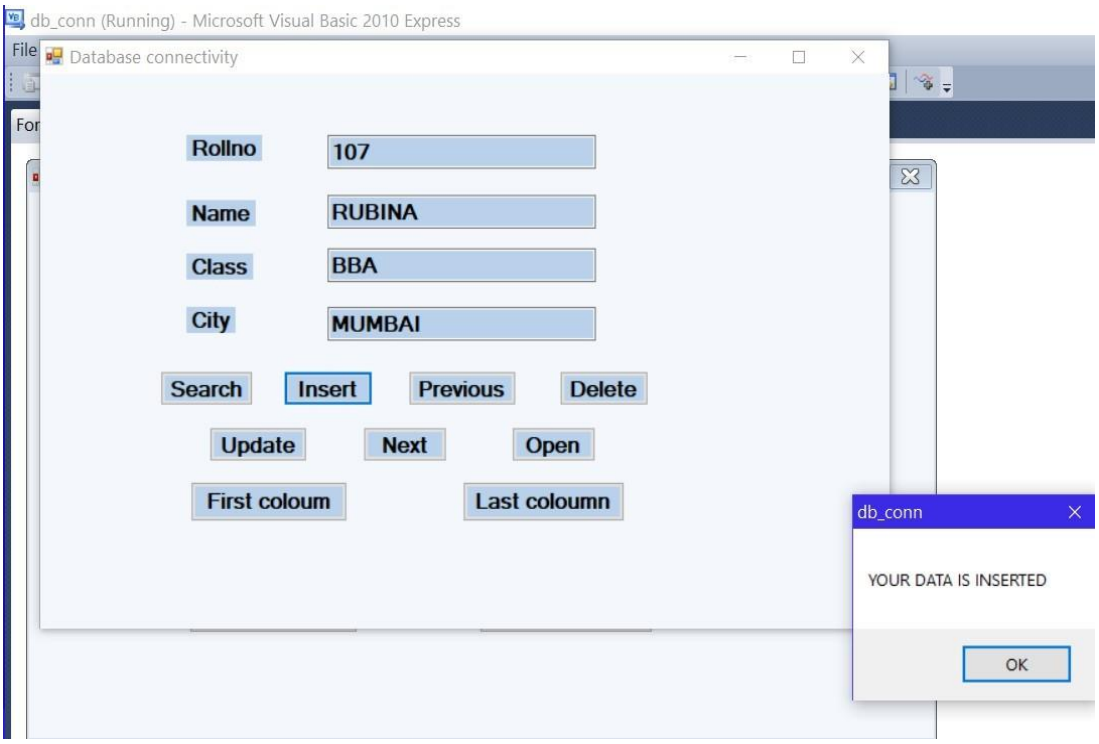
```
Imports System.Data.OleDb
Public Class Form1
   Dim con As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\user\Documents\mydatabase.accdb")
   Dim cmd As New OleDbCommand

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

      con.Open()
      MsgBox("DATABASE CONNECTION SUCCEDED")
      cmd.Connection = con con.Close()
End Sub

   Private Sub Button3_Click(sender As System.Object, e As System.EventArgs) Handles
Button3.Click
      con.Open()
      If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text = "" Or TextBox4.Text =
"" Then
         MsgBox("PLEASE PROVIDE DATA IN DATABASE")
      Else
         cmd.CommandText = "insert into db_con values('" & TextBox1.Text & "','" &
TextBox2.Text & "','" & TextBox3.Text & "','" & TextBox4.Text & "')"
         cmd.ExecuteNonQuery() MsgBox("YOUR DATA IS INSERTED")
TextBox1.Text = " " TextBox2.Text = " " TextBox3.Text = " " TextBox4.Text = " "

End If
      con.Close()
   End Sub

   Private Sub Button6_Click(sender As System.Object, e As System.EventArgs) Handles
Button6.Click
      con.Open()
      If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text = "" Or TextBox4.Text =
"" Then
         MsgBox("PLEASE PROVIDE DATA")
      Else
         cmd.CommandText = "delete from db_con where Rollno=" & TextBox1.Text & ""
cmd.ExecuteNonQuery()
MsgBox("YOUR ENTERED DATA IS DELETED")
          TextBox1.Text = " " TextBox2.Text = " " TextBox3.Text = " " TextBox4.Text = " "
```

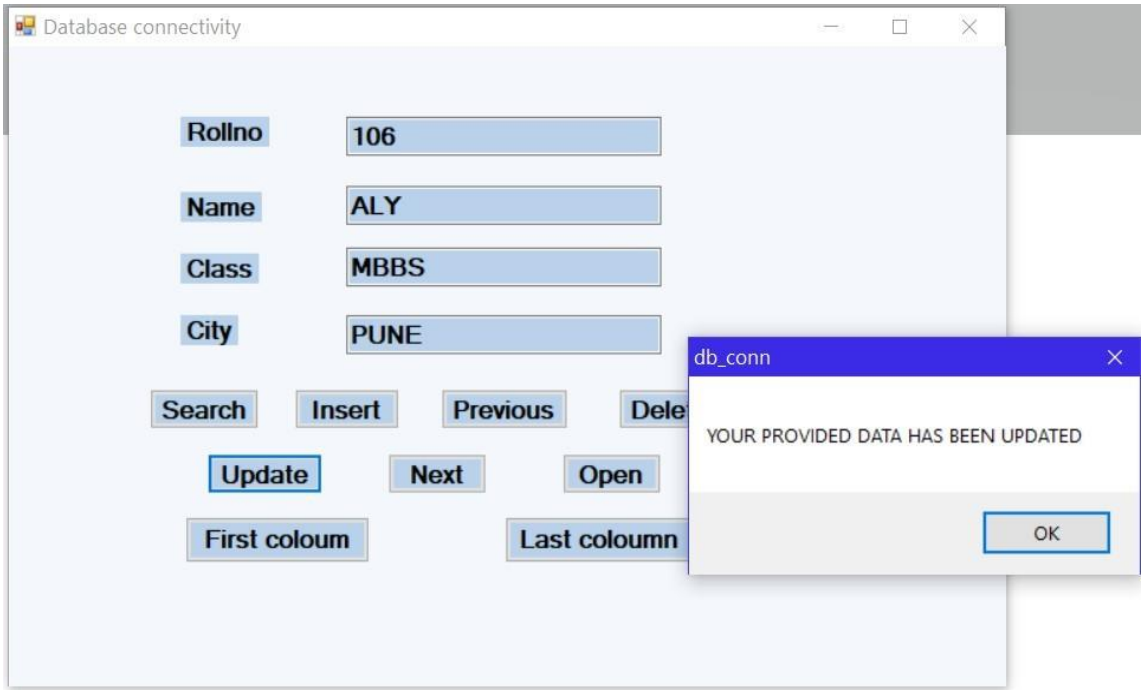
Delete


Form1
CustomerId
17
Name
Test1
Country
India
Insert
Update
Delete
CustomerId
Name
Country
1
John Hammond
United Stat
2
Mudassar Khan
India
3
Suzanne Mathews
France
4
Robert Schidner
Russia
17
Test1
India

```
End If con.Close()

End Sub

   Private Sub Button5_Click(sender As System.Object, e As System.EventArgs)
Handles Button5.Click
       con.Open()

       If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text = "" Or
TextBox4.Text = "" Then
           MsgBox("PLEASE PROVIDE DATA")
       Else
           cmd.CommandText = " update db_con set Name= '" & TextBox2.Text & "',
Class= '" & TextBox3.Text & "', City= '" & TextBox4.Text & "' "
           cmd.ExecuteNonQuery()
           MsgBox("YOUR PROVIDED DATA HAS BEEN UPDATED")
           TextBox1.Text = " " TextBox2.Text = " " TextBox3.Text = " " TextBox4.Text = " "
End If con.Close()

End Sub End Class
```

OUTPUT-40


db_conn (Running) - Microsoft Visual Basic 2010 Express
Database connectivity
Rollno
107
Name
RUBINA
Class
BBA
City
MUMBAI
Search
Insert
Previous
Delete
Update
Next
Open
First coloum
Last coloumn
db_conn
YOUR DATA IS INSERTED
OK


Database connectivity
Rollno
106
Name
ALY
Class
MBBS
City
PUNE
Search
Insert
Previous
Update
Next
Open
First coloum
Last coloumn
db_conn
YOUR PROVIDED DATA HAS BEEN UPDATED
OK

40) Design windows application to illustrate Database Conntectivity using OleDb API and perform insert,update and delete operation on table.

CODE:-

```
Imports System.Data.OleDb Public Class Form1

Dim con As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=C:\Users\user\Documents\mydatabase.accdb")

Dim cmd As New OleDbCommand


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


con.Open()

MsgBox("DATABASE CONNECTION SUCCEDED")

cmd.Connection = con con.Close()

End Sub


Private Sub Button3_Click(sender As System.Object, e As System.EventArgs) Handles
Button3.Click

con.open()

If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text = "" Or TextBox4.Text = ""
Then

MsgBox("PLEASE PROVIDE DATA IN DATABASE")

Else

cmd.CommandText = "insert into db_con values('" & TextBox1.Text & "','" & TextBox2.Text &
"','" & TextBox3.Text & "','" & TextBox4.Text & "')"

cmd.ExecuteNonQuery() MsgBox("YOUR DATA IS INSERTED")

TextBox1.Text = " " TextBox2.Text = " " TextBox3.Text = " " TextBox4.Text = " "


End If

con.Close()
```

```
End Sub

Private Sub Button6_Click(sender As System.Object, e As System.EventArgs) Handles
Button6.Click

con.Open()

If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text = "" Or TextBox4.Text = ""
Then

MsgBox("PLEASE PROVIDE DATA")

Else


cmd.CommandText = "delete from db_con where Rollno=" & TextBox1.Text & ""
cmd.ExecuteNonQuery()

MsgBox("YOUR ENTERED DATA IS DELETED")

TextBox1.Text = " " TextBox2.Text = " " TextBox3.Text = " " TextBox4.Text = " "



End If con.Close()


End Sub


Private Sub Button5_Click(sender As System.Object, e As System.EventArgs) Handles
Button5.Click

con.Open()


If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text = "" Or TextBox4.Text = ""
Then

MsgBox("PLEASE PROVIDE DATA")

Else
```

```
cmd.CommandText = " update db_con set Name= '" & TextBox2.Text & "', Class= '" &
TextBox3.Text & "', City= '" & TextBox4.Text & "' "

cmd.ExecuteNonQuery()

MsgBox("YOUR PROVIDED DATA HAS BEEN UPDATED")

TextBox1.Text = " " TextBox2.Text = " " TextBox3.Text = " " TextBox4.Text = " "

End If con.Close()


End Sub

End Class
```