Boolean Data Type

1.Convert boolean to int value

```
Imports System
Imports System.Data
Imports System.Collections

public class MainClass
Shared SubMain()
Dim A As Boolean
Dim I As Integer
True
CInt(A)
Console.WriteLine("True Value of Boolean in Integer is: " + I.ToString())

False
CInt(A)
Console.WriteLine("False Value of Boolean in IntegerI.ToString())

End Sub
End Class
```

```
True Value of Boolean in Integer is: -1
False Value of Boolean in Integer is: 0
```

2.Convert int value to Boolean value

```
Imports System
Imports System.Data
Imports System.Collections

public class MainClass
Shared Sub Main()
Dim A As Boolean
 Dim I As Integer
 I = 5
 A = CBool(I)
Console.WriteLine("Value of Boolean assigned from 5 is : " + A.ToString())

I = 0
A = CBool(I)
Console.WriteLine("Value of Boolean assigned from 0 is : " + A.ToString())
 I = -1
A = CBool(I)
Console.WriteLine("Value of Boolean assigned from -1 is : " + A.ToString())

I = -5
A = CBool(I)
Console.WriteLine("Value of Boolean assigned from -5 is : " + A.ToString())
```

```
End Sub
End Class
```

3.Convert to int back and forth

```
Imports System
Imports System.Data
Imports System.Collections

public class MainClass
Shared Sub Main()
Console.WriteLine("5 And 8: " + (CBool(5) And CBool(8)).ToString)
Console.WriteLine("5 And 8: " + (5 And 8).ToString())

End Sub
End Class
```

```
5 And 8: True
5 And 8: 0
```

4.Insert Boolean to StringBuilder

```
Imports System
Imports System.Text

Class Sample

Public Shared Sub Main()
Dim sb As StringBuilder
sb = new StringBuilder
sb.Append("1234")

Dim xBool As Boolean = True
sb.Insert(3, xBool, 2)

Console.WriteLine(sb.ToString())
End Sub
End Class
```

5.Convert string to boolean

```
Public Class MainClass
Public Shared Sub Main()
Dim lineInput As String
```

```
lineInput = "a\ta\ta\taa"
While Not lineInput Is Nothing
Dim fields() As String = lineInput.Split(ControlChars.Tab)
Dim isFirstField As Boolean = True
Dim item As String
For Each item In  fields
Try
Console.Write(Convert.ToByte(Convert.ToBoolean(item)))
Catch
Console.Write(item)
End Try
Next item
lineInput = Console.ReadLine()
End While
End Sub
End Class
```

6.Insert Boolean to StringBuilder

```
Imports System
Imports System.Text

Class Sample

  Public Shared Sub Main()
    Dim sb As StringBuilder
    sb = new StringBuilder
    sb.Append("1234")

    Dim xBool As Boolean = True
    sb.Insert(3, xBool, 2)
    Console.WriteLine(sb.ToString())
  End Sub
End Class
```