VB.NET - NESTED IF STATEMENTS

It is always legal in VB.Net to nest If-Then-Else statements, which means you can use one If or ElseIf statement inside another If ElseIf statements.

Syntax:

The syntax for a nested If statement is as follows:

```
If( boolean_expression 1)Then
    'Executes when the boolean expression 1 is true
    If(boolean_expression 2)Then
          'Executes when the boolean expression 2 is true
    End If
End If
```

You can nest ElseIf...Else in the similar way as you have nested If statement.

Example

```
Module decisions
   Sub Main()
      'local variable definition
      Dim a As Integer = 100
      Dim b As Integer = 200
      ' check the boolean condition
      If (a = 100) Then
          ' if condition is true then check the following
          If (b = 200) Then
              ' if condition is true then print the following
              Console.WriteLine("Value of a is 100 and b is 200")
          End If
      End If
      Console.WriteLine("Exact value of a is : {0}", a)
      Console.WriteLine("Exact value of b is : {0}", b)
      Console.ReadLine()
   End Sub
End Module
```

When the above code is compiled and executed, it produces the following result:

```
Value of a is 100 and b is 200
Exact value of a is : 100
Exact value of b is : 200
```

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