**Programming Solutions**

**Programming Concept: (e.g. Nested IFs)**

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| **Q / TASK** | **Code** | **Console Output** | **Comments/Problems** |
| 7.2.2  1) | Module Module1  Sub Main()  Dim ISBN(13) As Integer  Dim count As Integer  Dim calculatedDigit As Integer  For count = 1 To 13  Console.WriteLine("Please enter next digit of ISBN")  ISBN(count) = Console.ReadLine()  Next  count = 1  Do While count < 13  calculatedDigit += ISBN(count)  count += 1  calculatedDigit += ISBN(count) \* 3  count += 1  Loop  Do While calculatedDigit >= 10  calculatedDigit -= 10  Loop  calculatedDigit = 10 - calculatedDigit  If calculatedDigit = 10 Then  calculatedDigit = 0  End If  If calculatedDigit = ISBN(13) Then  Console.WriteLine("Valid ISBN")  Else  Console.WriteLine("Invalid ISBN")  End If  Console.ReadLine()  End Sub  End Module |  |  |
| 2) |  |  |  |
| 3) |  |  |  |
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Note: Please make sure you save this document as ‘**if\_solution\_yourname.doc’**