**Programming Solutions**

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

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| **Q / TASK** | **Code** | **Console Output** | **Comments/Problems** |
| Task 1 | Module Module1  Sub Main()  Dim name(4) As String  Dim objStreamWriter As IO.StreamWriter  objStreamWriter = New IO.StreamWriter("C:\Users\chinghey.lau\Downloads\OneDrive - New Hall School\Projects\name.txt")  For count As Integer = 0 To 4  Console.WriteLine("Enter the name {0}", count + 1)  name(count) = Console.ReadLine()  objStreamWriter.WriteLine(name(count))  objStreamWriter.WriteLine()  Next  objStreamWriter.Close()  Console.WriteLine("successfully inputed")  Console.ReadLine()  End Sub  End Module |  |  |
| Task2 | Module Module1  Sub Main()  Dim colour() As String = {"red", "orange", "yellow", "green"}  Dim sw As IO.StreamWriter  sw = New IO.StreamWriter("C:\Users\chinghey.lau\Downloads\OneDrive - New Hall School\Projects\rainbow.csv")  For count As Integer = 0 To colour.Length - 1  sw.Write(colour(count))  sw.WriteLine(",")  Next  sw.Close()  End Sub  End Module |  |  |
| Task3 | Dim sr As IO.StreamReader  Dim sw As IO.StreamWriter  sr = New IO.StreamReader("C:\Users\chinghey.lau\Downloads\OneDrive - New Hall School\Projects\score.txt")  Dim highest As Single = sr.ReadLine()  Console.WriteLine("highest score: {0}", highest)  sr.Close()  sw = New IO.StreamWriter("C:\Users\chinghey.lau\Downloads\OneDrive - New Hall School\Projects\score.txt")  Console.WriteLine("What yours score?")  Dim score As Single = Console.ReadLine()  If score > highest Then  sw.WriteLine(score)  Console.WriteLine("updated")  Else  Console.WriteLine("Well done >\_<")  End If  sw.Close()  Console.ReadLine() |  |  |
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Note: Please make sure you save this document as ‘**if\_solution\_yourname.doc’**