**Programming Solutions**

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

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| **Q / TASK** | **Code** | **Console Output** | **Comments/Problems** |
| Task1 | Dim sr As System.IO.StreamReader  Dim strline As String  sr = New System.IO.StreamReader("C:\Users\chinghey.lau\Downloads\OneDrive - New Hall School\Projects\text.txt")  strline = sr.ReadLine  Do While Not strline Is Nothing  Console.WriteLine(strline)  strline = sr.ReadLine  Loop  sr.Close()  Console.ReadLine() |  |  |
| Task2 | Imports System.IO  Module Module1  Sub Main()  Dim sr As System.IO.StreamReader  Dim teamname(9) As String  Dim count As Integer = 0  Dim strline As String  sr = New System.IO.StreamReader("C:\Users\chinghey.lau\Downloads\OneDrive - New Hall School\Projects\task2 team name.txt")  strline = sr.ReadLine  Do While Not strline Is Nothing  teamname(count) = strline  strline = sr.ReadLine  count += 1  Loop  sr.Close()  For count = 0 To 9  Console.Write(teamname(count))  Console.Write(",")  Next  Console.ReadLine()  End Sub  End Module |  |  |
| Task3 | Imports System.IO  Module Module1  Sub Main()  Dim sr As StreamReader  Dim song(4) As String  sr = New StreamReader("C:\Users\chinghey.lau\Downloads\OneDrive - New Hall School\Projects\task3 song.csv")  song = sr.ReadLine().Split(",")  sr.Close()  For count As Integer = 0 To 4  Console.WriteLine(song(count))  Next  Console.ReadLine()  End Sub  End Module |  |  |
| Task4 | Imports System.IO  Module Module1  Sub Main()  Dim sr As StreamReader  Dim team(9) As String  sr = New StreamReader("C:\Users\chinghey.lau\Downloads\OneDrive - New Hall School\Projects\task4 teamsname.csv")  team = sr.ReadLine().Split(",")  sr.Close()  For count As Integer = 0 To 9  Console.WriteLine(team(count))  Next  Console.ReadLine()  End Sub  End Module |  |  |
| Task5 | Imports System.IO  Module Module1  Sub Main()  Dim sr As StreamReader  sr = New StreamReader("C:\Users\chinghey.lau\Downloads\OneDrive - New Hall School\Projects\task1 text.txt")  Dim line As Integer  Dim character As Integer  Dim noofline As String  Dim wholetext As String  Do  noofline = sr.ReadLine()  character += Len(noofline)  line += 1  wholetext = wholetext & noofline  Loop Until noofline Is Nothing  Dim words() As String = Split(wholetext, " ")  Console.WriteLine("number of line: {0}", line)  Console.WriteLine("number of character: {0}", character)  Console.WriteLine("number of word: {0}", words.Length)  Console.ReadLine()  End Sub  End Module |  |  |
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Note: Please make sure you save this document as ‘**if\_solution\_yourname.doc’**