**Problem3：基礎排序(13%)**

給一堆數字, 把他們從小到大排序好。

**輸入說明：**

每組測試資料共有兩行，第一行的數字*n* 為有幾個數字要排序，第二行則有*n* 個整數（*n* ≤1000），其餘整數皆於-10000到10000 之間，測試資料中包含多組測試，當排序個數為0 時結束。

**輸出說明：**

輸出已排序好的數列，每個數字之間請用一個空白隔開。

**輸入範例：**

5

5 4 3 2 1

5

-1 -2 -3 -4 -5

0

**輸出範例：**

1 2 3 4 5

-5 -4 -3 -2 -1

**程式碼：**

Imports System.IO

Public Class Form1

Dim fr As New FileInfo("test.txt")

Dim fw As New FileInfo("result.txt")

Dim sw As StreamWriter = fw.CreateText

Dim ia As Byte

Dim ib, aa As String

Dim ic(2), n As Integer

Private Sub Form1\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

If fr.Exists = False Then

End

ElseIf fw.Exists = False Then

fw.Create()

End If

Dim sr As StreamReader = fr.OpenText

Do

ia = sr.ReadLine

If ia = 0 Then Exit Do

ib = Trim(sr.ReadLine) & " "

ReDim ic(ia - 1) : n = 0

For i = 1 To Len(ib)

If Microsoft.VisualBasic.Mid(ib, i, 1) = " " Then

ic(n) = Val(aa) : n += 1 : aa = ""

Else

aa &= Microsoft.VisualBasic.Mid(ib, i, 1)

End If

Next

Array.Sort(ic)

For i = 0 To ia - 1

sw.Write(ic(i) & " ")

Next

sw.WriteLine()

Loop

sw.Flush() : sw.Close() : End

End Sub

End Class