**Problem6：中文大寫數字(13%)**

我們在金融機構填寫金額時使用的不是阿拉伯數字，而是中文的大寫數字。請寫一個程式將數字轉換為中文大寫數字。標準大寫寫法如下：零、壹、貳、參、肆、伍、陸、柒、捌、玖、拾、佰、仟、萬、億

**輸入說明：**

整數數字*n* (0 ≤ *n* ≤ 2147483647)。

**輸出說明：**

文字字串，遇到10 時，請輸出『壹拾』。

**輸入範例：**

12345

10200

**輸出範例：**

壹萬貳仟參佰肆拾伍

壹萬零貳佰

**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, oo(2) As String

Dim a1() As String = {"零", "壹", "貳", "參", "肆", "伍", "陸", "柒", "捌", "玖"}

Dim a2() As String = {"", "拾", "佰", "仟"}

Dim a3() As String = {"萬", "億"}

Dim n, x, a, b 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 = Trim(sr.ReadLine)

If ia = "" Then Exit Do

n = 0 : x = 0 : ReDim oo(2) : a = 0

For i = Len(ia) To 1 Step -1

If Val(Microsoft.VisualBasic.Mid(ia, i, 1)) <> 0 Then

oo(a) = a2(n)

a += 1 : ReDim Preserve oo(a)

End If

oo(a) = a1(Val(Microsoft.VisualBasic.Mid(ia, i, 1)))

a += 1 : ReDim Preserve oo(a)

n += 1

If n = 4 And i <> 1 Then

x += 1 : n = 0

oo(a) = a3(x - 1)

a += 1 : ReDim Preserve oo(a)

End If

If i = 1 Then

For j = 0 To a - 2

If oo(j) = "零" Or oo(j) = "" Then

oo(j) = ""

Else : Exit For

End If

Next

For j = 1 To 0 Step -1

x = 0 : n = 0

For k = 0 To a - 2

If x >= 1 And oo(k) <> "零" Then Exit For

If oo(k) = a3(j) Then x += 1 : b = k

If x >= 1 And oo(k) = "零" Then oo(k) = "" : n += 1

If n = 4 Then oo(b) = ""

Next

Next

For j = 0 To a - 2

If oo(j) = "零" And oo(j + 1) = "零" Then oo(j) = ""

Next

End If

Next

For j = a To 0 Step -1

sw.Write(oo(j))

Next

sw.WriteLine()

Loop

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

End Sub

End Class