**Problem 1：文章的字母統計及單字的分離**

選手請由輸入檔讀入一篇英文文章（文章內容包括「大、小寫英文」、「空白」及「標點符號」，沒有任何「全型」字母或符號），並作以下的統計：

子題2（9%）：請列出文章中使用那些「A」或「a」開頭的單字？

輸入說明：

第1 行表示文章的行數（行數至多10 行，每行最多120 個字），第2 行開始為文章的內容。

輸出說明：

依單字在文章中出現之順序，輸出開頭為「A」或「a」的單字。輸出的單字大小寫需保持與原文章相同，而每行只輸出1 個單字。若同一單字多次出現在文章中，只有該單字在文章中首次出現時才被輸出，第2 次或以後出現時均不再輸出。

輸入範例：【檔名：in-1-2.txt】

4

Just ask a Chinese fruit farmer who now has to pay people to pollinate apple trees because there are nolonger enough bees to do the job. And it's not just the number of bees that are rapidly dwindling. As adirect result of human activity, species are becoming extinct at a rate 1,000 times greater than the naturalaverage.

輸出範例：【檔名：out-1-2.txt】

ask

a

apple

are

And

As

activity

at

average

程式碼：

Imports System.IO

Public Class Form1

Dim fr As New FileInfo("in-1-2.txt")

Dim fw As New FileInfo("out-1-2.txt")

Dim sw As StreamWriter = fw.CreateText

Dim ii, n, x As Integer

Dim ia, ib, ic(2) As String

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

ii = sr.ReadLine

For i = 1 To ii

ia = " " & Trim(sr.ReadLine) & " "

ib = ""

For j = 1 To Len(ia) - 1

If Microsoft.VisualBasic.Mid(ia, j, 2) = " A" Or Microsoft.VisualBasic.Mid(ia, j, 2) = " a" Then

x = 0

For k = j + 1 To Len(ia) - 1

ib &= Microsoft.VisualBasic.Mid(ia, k, 1)

If Asc(Microsoft.VisualBasic.Mid(ia, k + 1, 1)) < 97 Or Asc(Microsoft.VisualBasic.Mid(ia, k + 1, 1)) > 122 Then Exit For

Next

x = Len(ib)

For k = 0 To n

If ib = ic(k) Then : Exit For

ElseIf k = n Then

ic(n) = ib : n += 1

ReDim Preserve ic(n)

End If

Next

ib = "": j += x

End If

Next

Next

For i = 0 To n

sw.WriteLine(ic(i))

Next

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

End Sub

End Class