

# 進階資料結構程式作業一

**題目：**Compound Words

You are to find all the two-word compound words in a dictionary. A two-word compound word is a word in the dictionary that is the concatenation of exactly two other words in the dictionary.

## Input

Standard input consists of a number of lowercase words, one per line, in alphabetical order. There will be no more than 120,000 words.

## Output

Your output should contain all the compound words, one per line, in alphabetical order.

## Sample Input

a  
alien  
born  
less  
lien  
never  
nevertheless  
new  
newborn  
the  
zebra

## Sample Output

alien  
newborn

- **要求 1：**所寫的程式必須以所附之電子檔 **Compound Words.in** 為輸入測試資料，產生如所附之電子檔 **Compound Words.out** 的內容
- **要求 2：**請將所寫程式 source code 檔，執行檔(.exe) 與 書面

報告檔(格式如下, 存成 pdf 檔)壓縮成一個檔案後上傳 TronClass 作業區

- 上傳 TronClass 作業區截止日期: 2019/06/14 (五) 23:59

- 書面報告格式: 包含下面各項資料

1. 班級學號姓名
2. 題目
3. 程式解法說明
4. 討論
5. 程式碼