CPP 程式設計題		
命題者:Chin-Fu , Yang		
題目名稱(中文/英文):FormWord		
主要測試觀念: File IO		
Basics	Functions	
 C++ BASICS 1 FLOW OF CONTROL FUNCTION BASICS PARAMETERS AND OVERLOADING ARRAYS STRUCTURES AND CLASSES CONSTRUCTORS AND OTHER TOOLS OPERATOR OVERLOADING, FRIENDS, AND REFERENCES STRINGS POINTERS AND DYNAMIC ARRAYS 	□ SEPARATE COMPILATION AND NAMESPACES □ STREAMS AND FILE I/O □ RECURSION □ INHERITANCE □ POLYMORPHISM AND VIRTUAL FUNCTIONS □ TEMPLATES □ LINKED DATA STRUCTURES □ EXCEPTION HANDLING □ STANDARD TEMPLATE LIBRARY □ PATTERNS AND UML	
題目說明:Some word games require	the player to find words that can be	
SWIMMING then other words WING, SIN lets the user set a word and then or file words. txt that can be formed f algorithm to do this is to compare Create an array that counts up the r (e.g., one S, one W. two I, two M, of for the current word read from the to see if the word from the file couthe set word.	r word. For example, given the word G, MIMING, etc. Write a program that utput all the words contained in the rom the letters of the set word, One the letter histograms for each word. number of each letter in the set word etc.) and then creates similar array file. The two arrays can be compared ld be created out of the letters from tion, 請同學根據部分的 class 完成此一, output1. txt 可以驗證答案,評分時	
Class Form		
{		
private:		
string input;//輸入的字 string fileName;//檔案名稱		
public:		
void SetInputWord(string inputWord);//設定Input		
void ProcessInputWord();//處理 Input 的資訊		
void SetFileName(string fileName);//設定檔案名稱		
void Load_CompaerWord();//讀檔並且比較 void PrintFoundWords();//印出符合的字		
) void Filitioulidwords(),//p由存占的子		

輸入說明:word. txt

輸出說明:請看 output1. txt

IO 範例:

	Sample Input	Sample Output
第一組測資與輸出	Input-main1.cpp	output1.txt
第二組	Input-main2.cpp	output2.txt

附屬資料:

☑解答程式:FormWord.cpp(檔名)

☑測試資料: input-main1.cpp, output1.txt, input-main2.cpp, output2.txt

- □ 易,僅需用到基礎程式設計語法與結構
- 中,需用到多項程式設計語法與結構
- □ 難,需用到多項程式結構或較為複雜之資料型態或結構

解題時間:30分鐘。

其他註記:

- 1. 比較的時候不分大小寫,但是輸出請保留原本檔案的大小寫。
- 2. Input-main1. cpp 只是驗證是否與 output1. txt 相同,真正在評分的是 main2,只要評分時與 output2. txt 不相同,零分計算。