C程式設計題

命題者:SCY		
題目名稱(中文/英文):Fibonacci series		
主要測試觀念: recursive function		
Basics	Decision and Lo	pops Functions
□ Keywords and Identifier □ Variables and Constants □ Programming Data Types □ Expressions □ Basic Input/Output □ Programming Operators	☐ Programming ifelse ☐ Programming for Loops ☐ dowhile Loops ☐ break and continue ☐ switchcase Statement ☐ Programming goto	☐ User-defined Functions ☐ Function Types ■Programming recursion ☐ Storage Class (variable life)
Arrays and Strings	Pointers	Structure and Union
☐ Arrays ☐ Multi-dimensional Arrays ☐ Arrays and Functions ☐ Strings and Functions	☐ Pointers And Arrays ☐ Pointers And Functions ☐ Dynamic Memory Allocate	☐ Structures and Pointers ☐ Structure and Function
Files I/O	Miscellaneou	s Other
Files Input/Output basics		
附屬資料: ☑解答程式:Fibonacci series.c(檔名) ☑測試資料:input.txt, output.txt □易,僅需用到基礎程式設計語法與結構(如單迴圈等) □中,需用到多項程式設計語法與結構(如雙層迴圈等) ■難,需用到多項程式結構或較為複雜之資料型態或結構(如遞迴、串連等)		

解題時間:10分鐘。

其他註記:

需使用遞迴

0 不是第一項,而是第零項