C程式設計題

命題者:TCC			
題目名稱(中文/英文):01			
主要測試觀念: 多維陣列			
Basics	Decision and L	oops Functions	Functions
□ Keywords and Identifier □ Variables and Constants □ Programming Data Types □ Expressions □ Basic Input/Output □ Programming Operators Arrays and Strings ■ Arrays ■ Multiplication of the Arrays	☐ Programming ifelse ☐ Programming for Loops ☐ dowhile Loops ☐ break and continue ☐ switchcase Stateme ☐ Programming goto Pointers ☐ Pointers And Arrays ☐ Pointers And Function	Structure and Union Structures and Pointers	☐ Function Types ☐ Programming recursion ☐ Storage Class (variable) Structure and I ☐ Structures and Pointer
■Multi-dimensional Arrays ☐ Arrays and Functions ☐ Strings and Functions	Dynamic Memory Alloca	_	
Files I/O	Miscellaneo	us Other	0ther
□ Files Input/Output basics □ Character I/O and String I/O □ Block I/O □ Advanced File I/O manipulations 題目説明:讀取 5*5 的整理 reads a 5X5 array of is sums) 輸入説明:每個數字以空標			
一列輸出" Column to			
個 Sum,以空格做區			
IO 範例 <u>:</u>			
	Sample Input	Sample Output	Sample Output
第一組測資與輸出	8 3 9 0 10 3 5 17 1 1 2 8 6 23 1 15 7 3 2 9 6 14 2 6 0	Row totals: 30 27 40 36 28 Culunm totals: 34 37 37 32 21	

附屬資料:			
☑解答程式: matrix.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:			