

**C Language Programming: Homework #1**  
**Assigned on 10/11/2011(Tuesday), Due on 10/18/2011(Tuesday)**

This program allows you to practice vi and gcc. You are required to do the following:

1. write the first program that can print an  $N \times N$  multiplication table on to the screen, where  $N$  is input by scanf.
2. write the second program that can print an  $N \times N$  multiplication table on to the screen, where  $N$  is input from the argument list.

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Filename: hw1-1.c (or hw1-2.c)

Programmer: YKC

Purpose: print an  $N \times N$  multiplication table

Input: command line argument list

Output: the standard out

Compilation: gcc -o hw1 hw1.c

Run: hw1-1 or hw1-2 9

Date: 2011/10/18

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atoi用法:

$N = \text{atoi}(\text{argv}[1]);$ // $N$ 取得參數的值並轉成int型態