

HW11

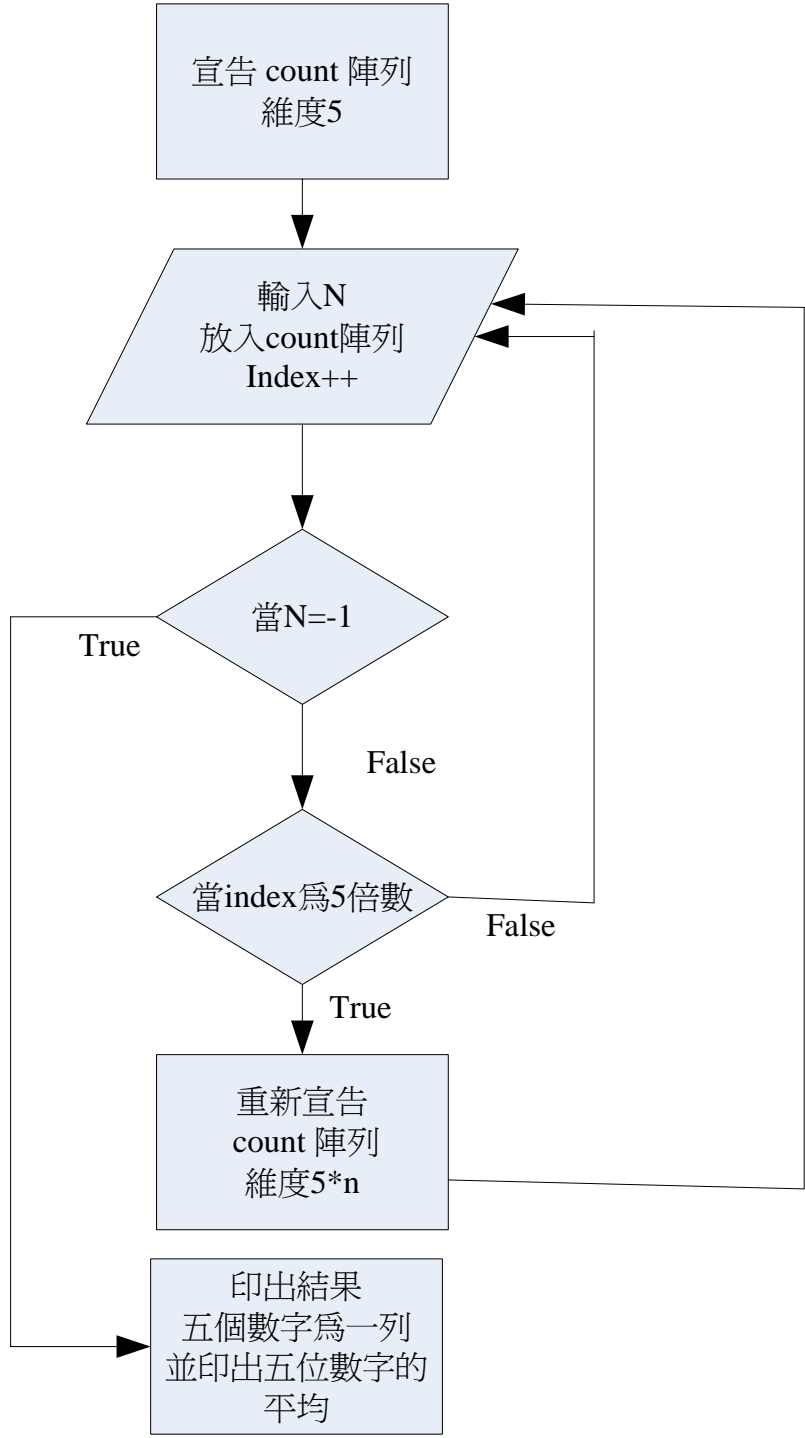
Speaker : Po-Chou Chen

Date : 2007.12.14

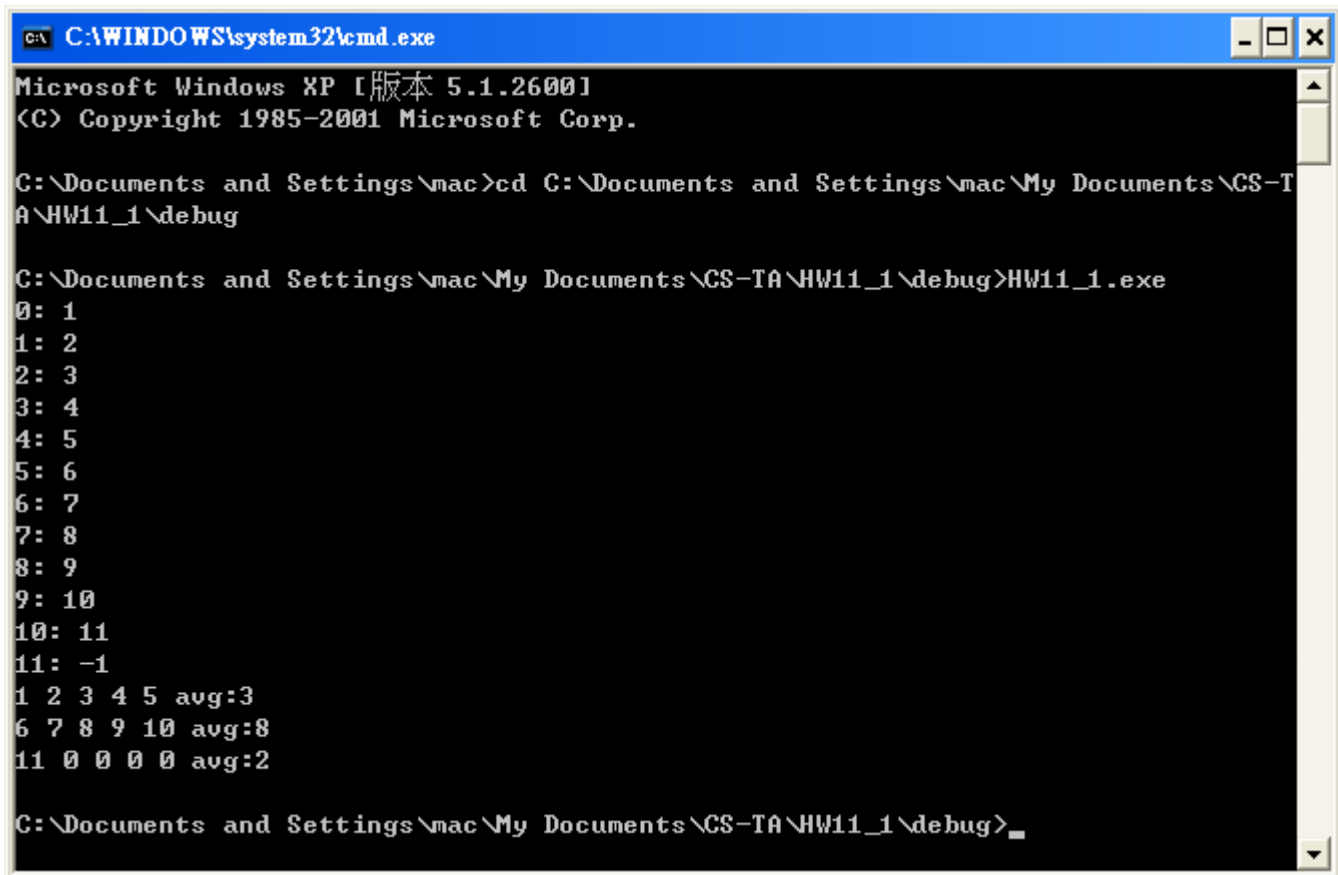


HW11_1

- (From: Exercise 1 on P.230)
- Write a native C++ program that allows an unlimited number of values to be entered and stored in an array allocated in the free store.
- The program should then output the values five to a line followed by the average of the values entered.
- The initial array size should be five elements.
- The program should create a new array with five additional elements when necessary and copy values from the old array to the new.



HW11_1



```
c:\ C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [版本 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\mac>cd C:\Documents and Settings\mac\My Documents\CS-TA\HW11_1\debug

C:\Documents and Settings\mac\My Documents\CS-TA\HW11_1\debug>HW11_1.exe
0: 1
1: 2
2: 3
3: 4
4: 5
5: 6
6: 7
7: 8
8: 9
9: 10
10: 11
11: -1
1 2 3 4 5 avg:3
6 7 8 9 10 avg:8
11 0 0 0 0 avg:2

C:\Documents and Settings\mac\My Documents\CS-TA\HW11_1\debug>
```



HW11_2

- (From: Exercise 2 on P.230)
Repeat the previous exercise but use pointer notation throughout instead of arrays.