

$n=6$  ,  $k=4$

The screenshot shows a C++ IDE with a project named '專案1'. The main window displays the execution output of a program. The program prompts the user for 'n' and 'k', and then lists all possible combinations of 4 numbers chosen from the set {1, 2, 3, 4, 5, 6}. The combinations are listed in ascending order. The output ends with a message indicating the process exited after 2.302 seconds.

```
專案1 - [專案1.exe] - [Executing] - Dev-C++ 5.11
檔案(F)  編輯(E)  搜尋(S)  格式(O)  專案(P)  執行(R)  工具(T)  AStyle  視窗(W)  幫助(H)
[global]
專案  類別
  專案1
    hmc.c
    專案1.exe
      How many combinations to select k number from n number?
      Please input n: 6
      Please input k: 4
      1 2 3 4
      1 2 3 5
      1 2 3 6
      1 2 4 5
      1 2 4 6
      1 2 5 6
      1 3 4 5
      1 3 4 6
      1 3 5 6
      1 4 5 6
      2 3 4 5
      2 3 4 6
      2 3 5 6
      2 4 5 6
      3 4 5 6
      .....
      Process exited after 2.302 seconds with return value 0
      请按任意键继续 . . .

34 {
35     int n, k;
36
37     printf("How many combinations to select k number from n number?\n");
38     printf("Please input n: ");
39     scanf("%d", &n);
40     printf("Please input k: ");
41     scanf("%d", &k);
42
43     int result[k];
44
45     // if the format of (n,k) is correct
46     if(n > 0 && k > 0 && n >= k)
47     {
48         // ...
49     }
50 }
```

Compilation results...

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- Errors: 0
- Warnings: 0
- Output Filename: C:\Users\user\Desktop\專案1.exe
- Output Size: 130,641,601,5625 Kib
- Compilation Time: 0.70s
```

行數: 16 列數: 78 反白字數: 0 總行數: 57 檔案長度: 1151 編入模式 完成編譯 (花了 0.031 秒)

下午 05:04  
2016/11/25