

6 Bonus: The Return Value of printf and scanf

若 `printf` 輸出成功，他的回傳值會是他輸出的長度。

```
hw04 > C hw0406.c > main()
1  #include<stdio.h>
2  int main()
3  {
4      int a;
5      a = printf("hello\n");
6      printf("%d\n", a);
7      return 0;
8  }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
siang@zhangxianglingdeMacBook-Pro hw04 % ./a.out
hello
6
```

若 `scanf` 輸出成功，他的回傳值會是他成功接收的數量。

```
hw04 > C hw0406.c > main()
1  #include<stdio.h>
2  int main()
3  {
4      int a;
5      int b;
6      int c;
7      int d;
8      int e;
9      int f;
10     a = scanf("%d,%d,%d,%d,%d",&b,&c,&d,&e,&f);
11     printf("%d\n",a);
12     return 0;
13 }
14
15
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
siang@zhangxianglingdeMacBook-Pro hw04 % gcc hw0406.c
siang@zhangxianglingdeMacBook-Pro hw04 % ./a.out
3,4,5
3
```