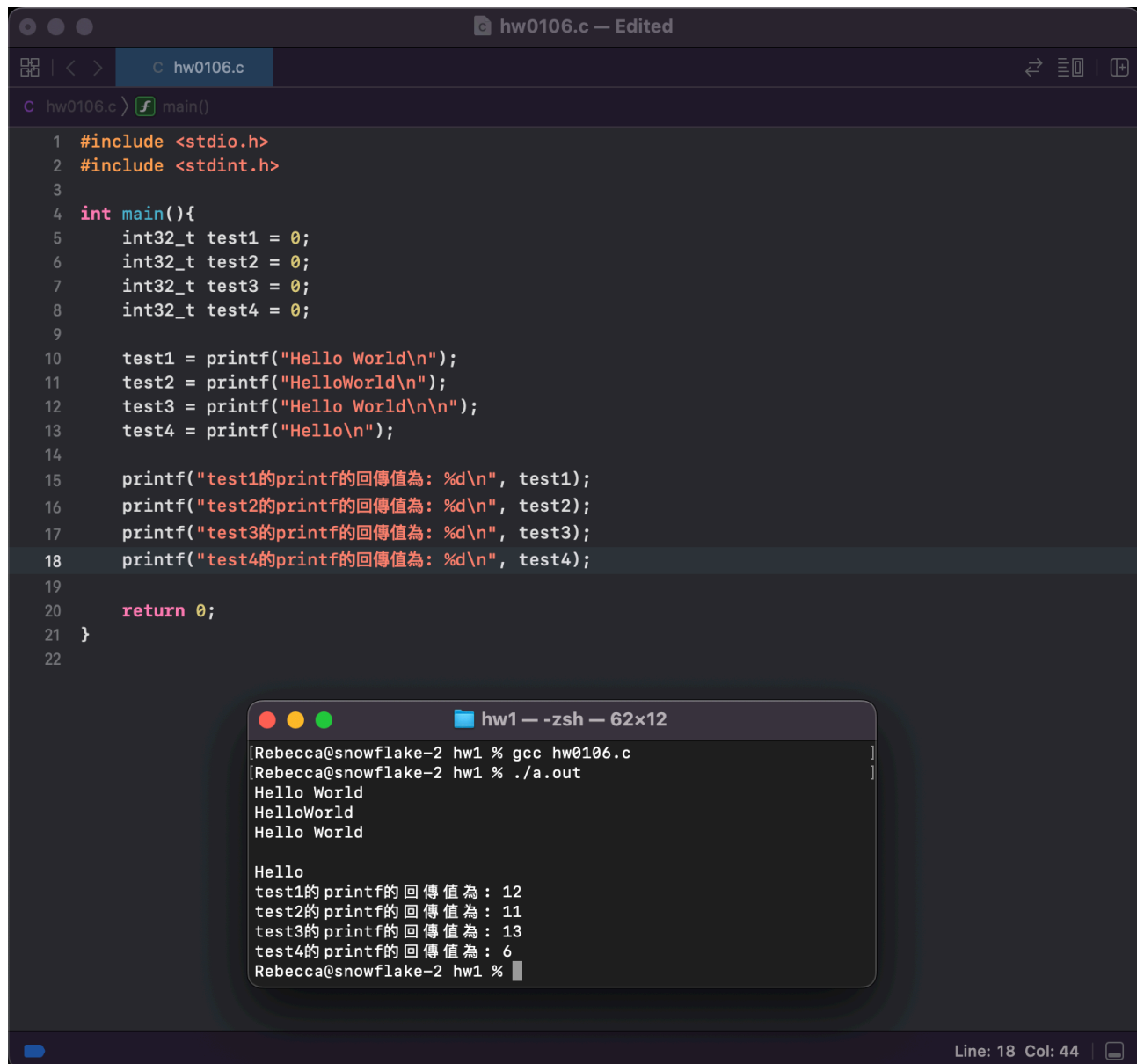


Hw1 Bonus

答：printf()會回傳一個整數，其數字為printf裡印出來的字串長度。

範例程式與測試結果：



The image shows a code editor window titled "hw0106.c — Edited" with a dark theme. The code is as follows:

```
1 #include <stdio.h>
2 #include <stdint.h>
3
4 int main(){
5     int32_t test1 = 0;
6     int32_t test2 = 0;
7     int32_t test3 = 0;
8     int32_t test4 = 0;
9
10    test1 = printf("Hello World\n");
11    test2 = printf("HelloWorld\n");
12    test3 = printf("Hello World\n\n");
13    test4 = printf("Hello\n");
14
15    printf("test1的printf的回傳值為: %d\n", test1);
16    printf("test2的printf的回傳值為: %d\n", test2);
17    printf("test3的printf的回傳值為: %d\n", test3);
18    printf("test4的printf的回傳值為: %d\n", test4);
19
20    return 0;
21 }
22
```

Below the code editor is a terminal window titled "hw1 — -zsh — 62x12". It shows the compilation and execution of the program:

```
[Rebecca@snowflake-2 hw1 % gcc hw0106.c
[Rebecca@snowflake-2 hw1 % ./a.out
Hello World
HelloWorld
Hello World

Hello
test1的 printf 的回傳值為: 12
test2的 printf 的回傳值為: 11
test3的 printf 的回傳值為: 13
test4的 printf 的回傳值為: 6
Rebecca@snowflake-2 hw1 %
```

The status bar at the bottom right of the code editor indicates "Line: 18 Col: 44".