

# C Language Programming: Homework #2

## Assigned on 10/4/2016 (Tuesday), Due on 10/18/2016 (Tuesday)

### Description:

Write a program to print a one-month calendar or one-year calendar.

1. Run 'hw2 2010' will print the year calendar of 2010.
2. Run 'hw2 2010 10' will print month calendar of October 2010.
3. Your program must run for the calendar after and including year 1900. (refer to project 8 on page 123)

### Command Line:

```
gcc -o hw2 hw2.c
```

(如果 Source Code 無法使用此指令編譯，請在 Report 上面說明編譯指令，否則會斟酌扣分。)

```
./hw2 2010
```

```
./hw2 2010 10
```

### Output:

以輸出 1966 年為例

January	June	November
Sun Mon Tue Wed Thu Fri Sat	Sun Mon Tue Wed Thu Fri Sat	Sun Mon Tue Wed Thu Fri Sat
2 3 4 5 6 7 8	1 2 3 4	1 2 3 4 5
9 10 11 12 13 14 15	5 6 7 8 9 10 11	6 7 8 9 10 11 12
16 17 18 19 20 21 22	12 13 14 15 16 17 18	13 14 15 16 17 18 19
23 24 25 26 27 28 29	19 20 21 22 23 24 25	20 21 22 23 24 25 26
30 31	26 27 28 29 30	27 28 29 30
February	July	December
Sun Mon Tue Wed Thu Fri Sat	Sun Mon Tue Wed Thu Fri Sat	Sun Mon Tue Wed Thu Fri Sat
1 2 3 4 5	1 2	1 2 3
6 7 8 9 10 11 12	3 4 5 6 7 8 9	4 5 6 7 8 9 10
13 14 15 16 17 18 19	10 11 12 13 14 15 16	11 12 13 14 15 16 17
20 21 22 23 24 25 26	17 18 19 20 21 22 23	18 19 20 21 22 23 24
27 28	24 25 26 27 28 29 30	25 26 27 28 29 30 31
March	August	
Sun Mon Tue Wed Thu Fri Sat	Sun Mon Tue Wed Thu Fri Sat	
1 2 3 4 5	1 2 3 4 5 6	
6 7 8 9 10 11 12	7 8 9 10 11 12 13	
13 14 15 16 17 18 19	14 15 16 17 18 19 20	
20 21 22 23 24 25 26	21 22 23 24 25 26 27	
27 28 29 30 31	28 29 30 31	
April	September	
Sun Mon Tue Wed Thu Fri Sat	Sun Mon Tue Wed Thu Fri Sat	
1 2	1 2 3	
3 4 5 6 7 8 9	4 5 6 7 8 9 10	
10 11 12 13 14 15 16	11 12 13 14 15 16 17	
17 18 19 20 21 22 23	18 19 20 21 22 23 24	
24 25 26 27 28 29 30	25 26 27 28 29 30	
May	October	
Sun Mon Tue Wed Thu Fri Sat	Sun Mon Tue Wed Thu Fri Sat	
1 2 3 4 5 6 7	1 2 3 4 5 6 7 8	
8 9 10 11 12 13 14	9 10 11 12 13 14 15	
15 16 17 18 19 20 21	16 17 18 19 20 21 22	
22 23 24 25 26 27 28	23 24 25 26 27 28 29	
29 30 31	30 31	

以輸出 2016 10 為例

```
October
Sun  Mon  Tue  Wed  Thu  Fri  Sat
     2   3   4   5   6   7   8
    9  10  11  12  13  14  15
   16  17  18  19  20  21  22
   23  24  25  26  27  28  29
   30  31
```

**Score:**

Year calender: 40%

Mouth calender: 40%

Report: 20%

