

## 8. 【UNIX ls 指令/UNIX ls】

輸入正整數  $n$  以及  $n$  個檔名，排序後按行優先的方式對齊輸出。假設最長的檔名有  $M$  個字元，則最右行有  $M$  個字元，其它行都是  $M+2$  個字元；每一列的長度為 60 個字元。(Page 5-32, UVa400)

輸入：

10

tiny

2short4me

very\_long\_file\_name

shorter

size-1

size2

size3

much\_longer\_name

12345678.123

mid\_size\_name

12

Weaser

Alfalfa

Stimey

Buckwheat

Porky

Joe

Darla

Cotton

Butch

Froggy

Mrs\_Crabapple

P.D.

19

Mr.\_French

Jody

Buffy

Sissy

Keith

Danny

Lori

Chris  
Shirley  
Marsha  
Jan  
Cindy  
Carol  
Mike  
Greg  
Peter  
Bobby  
Alice  
Ruben

輸出：

```
-----
12345678.123      size-1
2short4me         size2
mid_size_name     size3
much_longer_name  tiny
shorter           very_long_file_name
-----
Alfalfa          Cotton          Joe          Porky
Buckwheat        Darla          Mrs_Crabapple Stimey
Butch            Froggy         P.D.         Weaser
-----
Alice            Chris          Jan           Marsha        Ruben
Bobby            Cindy          Jody          Mike           Shirley
Buffy            Danny          Keith         Mr._French    Sissy
Carol            Greg           Lori          Peter
```