

# HW1

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## Exercise 1:

(1)

My home directory is /Users/xuzhixiang

(2)

Below are the files/folders in my home directory:

Applications	Library	Professional Development	未來
Data Science	logs	Public	留學資
料			
DBM	Movies	R	
美國行			
Desktop	Music	Regression	英文
課			
Documents	myfile.txt	Sean	
Downloads	OneDrive - american.edu	statistic method	
git_hist.txt	Pictures	test.py	
Google Drive	Political Analysis	Zotero	

## Exercise 2:

(1)

The following command take me to root directory.

(2)

~ is my home directory, which is /Users/xuzhixiang. ~/. will move me from /Users/xuzhixiang to /Users. ~/. will move me from /Users to the root directory. ~/.. will attempt to move me up one more level, but since I am already at the root

directory, I will remain at root directory.

### **Exercise 3:**

(1)

a flag:

Include directory entries whose names begin with a dot (‘.’).

(2)

l flag:

(The lowercase letter “ell”.) List files in the long format, as described in the **The Long Format** subsection below.

### **Exercise 4:**

I got the information below.

```
16777225 75010274 -rw-r--r-- 1 xuzhixiang staff 0 0 "Jul  4 19:23:08 2024" "Jul  4 19:23:08 2024" "Jul  4 19:23:08 2024" "Jul  4 19:23:08 2024" 4096 0 0 myfile.txt
```

### **Exercise 5:**

The last modification time of the file myfile.txt is below

```
.rw-r--r-- 0 xuzhixiang  4 Jul 19:23 myfile.txt
```

The modification times of the two files in the Sean folder are listed below:

```
.rw-r--r--@ 17 xuzhixiang  3 Jul 14:57 main.js  
.rw-r--r--@ 22 xuzhixiang  3 Jul 14:07 newfile.txt
```

### **Exercise 6:**

I use `echo "This line is my first line" >> myfile.txt`

to add the following line “This line is my first line” to myfile.txt.

Then run `cat myfile.txt` to show the line is added, and it will show

This line is my first line

### **Exercise 7:**

Yes, the “timestamp” for the file myfile.txt is updated. The output is below, and it is different from **Exercise 5**.

```
.rw-r--r-- 27 xuzhixiang  4 Jul 23:23 myfile.txt
```