Linux Quiz 4 - File Management

- Due No due date
- Points 12
- Questions 7
- Time Limit None
- Allowed Attempts 2

Instructions

Answer the following quiz questions. Feel free to work them out in a terminal too.

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	7 minutes	12 out of 12

Score for this attempt: 12 out of 12
Submitted Jul 4 at 2:16pm
This attempt took 7 minutes.

Question 1
1 / 1 pts

Starting from `/Users/name/data`, which of the following commands could you use to navigate to your home directory, which is `/Users/name`?

1. `cd .`
2. `cd /`
3. `cd /home/name`
4. `cd ../..`
5. `cd ~`
6. `cd home`
7. `cd ~/data/..`
8. `cd`
9. `cd ..`

- 2,3
- 1,2,4
- 6

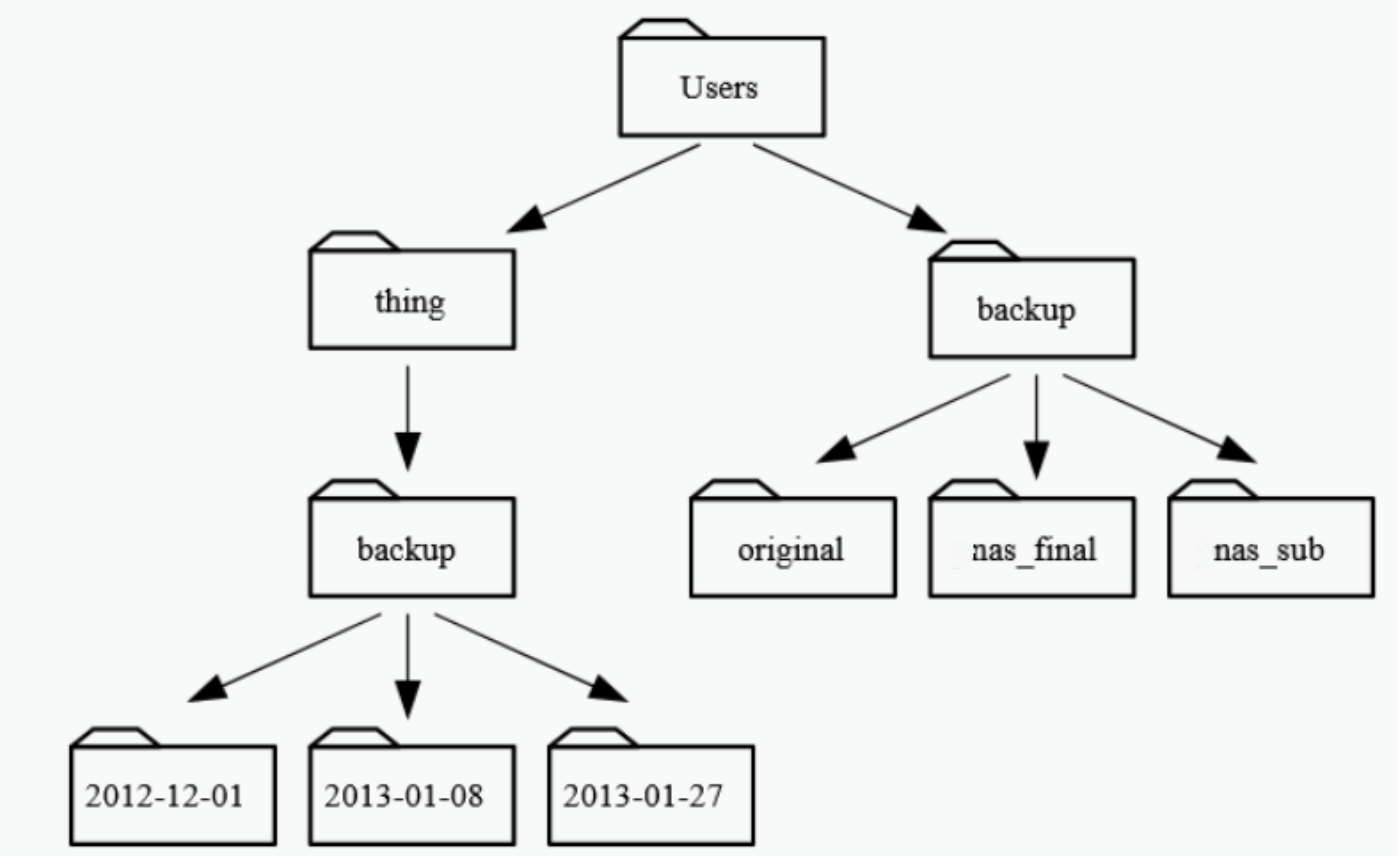
Correct!

- 5,7,8,9

Question 2

1 / 1 pts

Using the filesystem diagram below, if `pwd` displays `/Users/thing`, what will `ls -F ../backup` display?



- 2012-12-01 2013-01-08 2013-01-27

Correct!

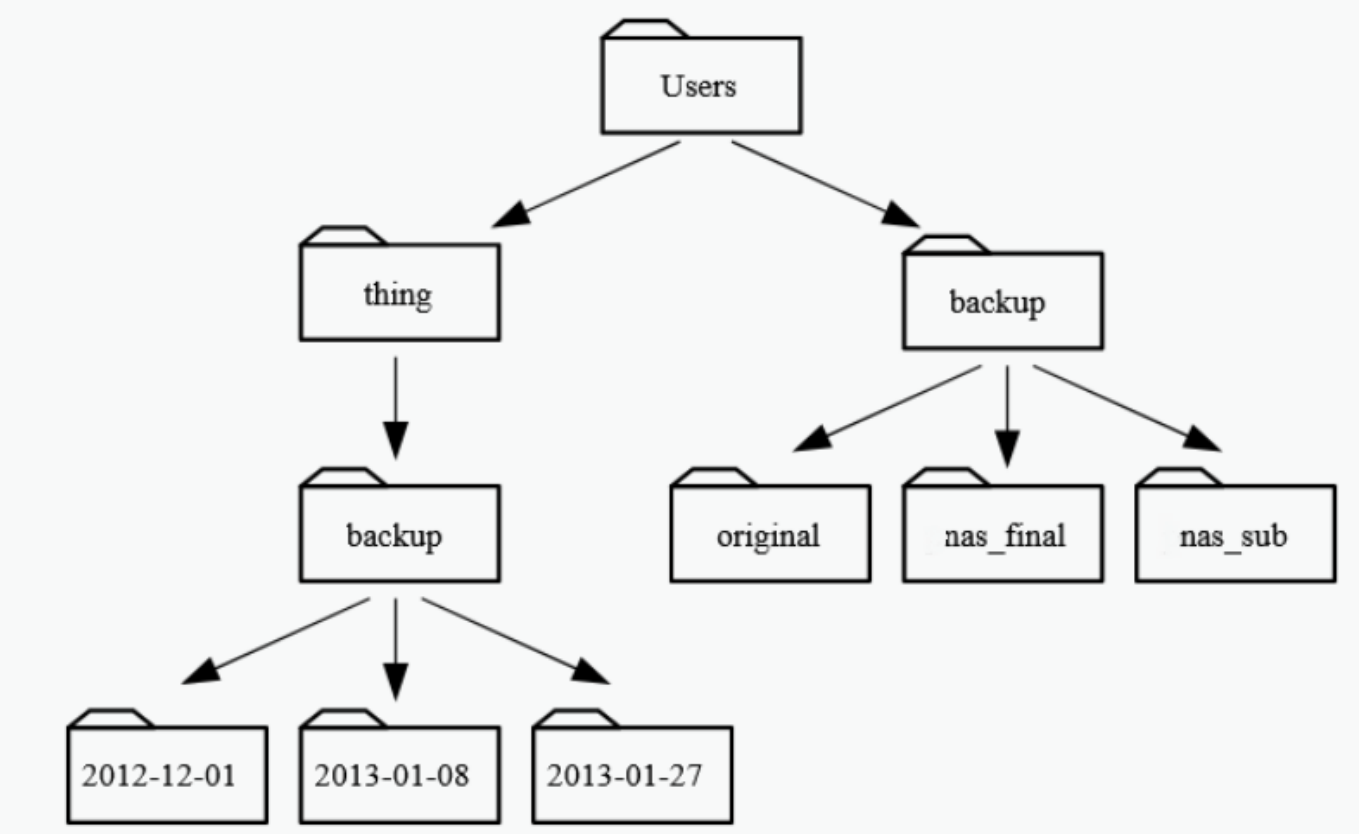
- original/ nas_final/ nas_sub/
- 2012-12-01/ 2013-01-08/ 2013-01-27/
- ../backup: No such file or directory

Question 3

1 / 1 pts

Using the filesystem diagram below, if `pwd` displays `/Users/backup`, and `-r` tells `ls` to display things in reverse order, what command(s) will result in the following output:

```
nas_sub/ nas_final/ original/
```



- ls pwd

Correct!

- ls -r -F
- ls -r -F /Users/backup
- ll

Question 4

1 / 1 pts

After running the following commands, Mr Coder realizes that he put the files `sucrose.dat` and `maltose.dat` into the wrong folder. The files should have been placed in the `raw` folder:

```
$ ls -F
 analyzed/ raw/
$ ls -F analyzed
fructose.dat glucose.dat maltose.dat sucrose.dat
$ cd analyzed
```

Fill in the blanks to move these files to the `raw/` folder (i.e. the one she forgot to put them in):

```
$ mv sucrose.dat maltose.dat ____/____
```

- $ mv sucrose.dat maltose.dat /raw

Correct!

- $ mv sucrose.dat maltose.dat ../raw
- $ mv sucrose.dat maltose.dat ../../raw
- $ mv -f sucrose.dat maltose.dat /raw

Question 5
1 / 1 pts

Suppose that you created a plain-text file in your current directory to contain a list of the statistical tests you will need to do to analyze your data, and named it `statstics.txt`

After creating and saving this file you realize you misspelled the filename! You want to correct the mistake, which of the following commands could you use to do so?

- cp statstics.txt .

Correct!

- mv statstics.txt statistics.txt
- cp statstics.txt statistics.txt
- mv statstics.txt .

Question 6
2 / 2 pts

With the `alkanes` directory, you have the following files.:

`ethane.pdb`, `propane.pdb, pentane.pdb, methane.pdb, octane.pdb, cubane.pdb`

which `ls` command(s) will produce this output:

```
ethane.pdb methane.pdb
```

- ls *t?ne.*
- ls ethane.*

Correct!

- ls *t??ne.pdb
- ls *t*ane.pdb

Question 7
5 / 5 pts

Given the following directory:

```
.
├── 2015-10-23-calibration.txt
├── 2015-10-23-dataset1.txt
├── 2015-10-23-dataset2.txt
├── 2015-10-23-dataset_overview.txt
├── 2015-10-26-calibration.txt
├── 2015-10-26-dataset1.txt
├── 2015-10-26-dataset2.txt
├── 2015-10-26-dataset_overview.txt
├── 2015-11-23-calibration.txt
├── 2015-11-23-dataset1.txt
├── 2015-11-23-dataset2.txt
├── 2015-11-23-dataset_overview.txt
├── backup
│   ├── calibration
│   └── datasets
└── send_to_bob
    ├── all_datasets_created_on_a_23rd
    └── all_november_files
```

You want to backup the data and send it to your colleague Bob using the following commands...fill in the blanks:

```
$ cp *dataset* backup/datasets
$ cp ____calibration____ backup/calibration
$ cp 2015-____-____ send_to_bob/all_november_files/
$ cp ____ send_to_bob/all_datasets_created_on_a_23rd/
```

Final result should look like:

```
├── backup
│   ├── calibration
│   │   ├── 2015-10-23-calibration.txt
│   │   ├── 2015-10-26-calibration.txt
│   │   └── 2015-11-23-calibration.txt
│   └── datasets
│       ├── 2015-10-23-dataset1.txt
│       ├── 2015-10-23-dataset2.txt
│       ├── 2015-10-23-dataset_overview.txt
│       ├── 2015-10-26-dataset1.txt
│       ├── 2015-10-26-dataset2.txt
│       ├── 2015-10-26-dataset_overview.txt
│       ├── 2015-11-23-dataset1.txt
│       ├── 2015-11-23-dataset2.txt
│       └── 2015-11-23-dataset_overview.txt
└── send_to_bob
    ├── all_datasets_created_on_a_23rd
    │   ├── 2015-10-23-dataset1.txt
    │   ├── 2015-10-23-dataset2.txt
    │   ├── 2015-10-23-dataset_overview.txt
    │   ├── 2015-11-23-dataset1.txt
    │   ├── 2015-11-23-dataset2.txt
    │   └── 2015-11-23-dataset_overview.txt
    └── all_november_files
        ├── 2015-11-23-calibration.txt
        ├── 2015-11-23-dataset1.txt
        ├── 2015-11-23-dataset2.txt
        └── 2015-11-23-dataset_overview.txt
```

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* HINT: Create these files and directories to help answer the question *

Correct!

```
$ cp *calibration.txt backup/calibration
_(https://swcarpentry.github.io/shell-novice/03-create.html#cb56-2)_$ cp 2015-11-* send_to_bob/all_no
vember_files/
_(https://swcarpentry.github.io/shell-novice/03-create.html#cb56-3)_$ cp *-23-dataset* send_to_bob/al
l_datasets_created_on_a_23rd/
```

```
$ cp ../calibration.txt backup/calibration
$ cp 2015-11-* send_to_bob/all_november_files/
_(https://swcarpentry.github.io/shell-novice/03-create.html#cb56-3)_$ cp ?-23-dataset? send_to_bob/al
l_datasets_created_on_a_23rd/
```

```
$ cp ??calibration.txt backup/calibration
$ cp 2015-11-? send_to_bob/all_november_files/
_(https://swcarpentry.github.io/shell-novice/03-create.html#cb56-3)_$ cp *-23-dataset* send_to_bob/al
l_datasets_created_on_a_23rd/
```

Quiz Score: 12 out of 12