

Lab 6 - Wildcards

Q1

1: nmmclennon@CIS106: ~/lab6/q1

2: nmmclennon@CIS106: ~

```
nmmclennon@CIS106:~$ curl https://cis106.com/assets/lab6/lab6.sh
| bash
% Total    % Received % Xferd  Average Speed   Time    Time
Time      Current                      Dload  Upload  Total   Spent
Left      Speed
100    471    100    471      0      0    181      0  0:00:02  0:00:02
--:--:--    181
nmmclennon@CIS106:~$ cd lab6/
nmmclennon@CIS106:~/lab6$ ls
q1 q2 q3
nmmclennon@CIS106:~/lab6$ cd q1
nmmclennon@CIS106:~/lab6/q1$ ls
access.log apache.log app.cfg error.log ftp.log fuse.conf
game.cfg simple.cnf ssh.log sudo.conf zebra.cnf
nmmclennon@CIS106:~/lab6/q1$ ls *.log
access.log apache.log error.log ftp.log ssh.log
nmmclennon@CIS106:~/lab6/q1$ mkdir ../log-files
nmmclennon@CIS106:~/lab6/q1$ mv *.log ../log-files/
nmmclennon@CIS106:~/lab6/q1$ |

nmmclennon@CIS106:~$ ls -l lab6/q1/*.c*
-rw-rw-r-- 1 nmmclennon nmmclennon 0 Nov  3 10:33 lab6/q1/app.cfg
-rw-rw-r-- 1 nmmclennon nmmclennon 0 Nov  3 10:33 lab6/q1/fuse.conf
-rw-rw-r-- 1 nmmclennon nmmclennon 0 Nov  3 10:33 lab6/q1/game.cfg
-rw-rw-r-- 1 nmmclennon nmmclennon 0 Nov  3 10:33 lab6/q1/simple.cnf
-rw-rw-r-- 1 nmmclennon nmmclennon 0 Nov  3 10:33 lab6/q1/sudo.conf
-rw-rw-r-- 1 nmmclennon nmmclennon 0 Nov  3 10:33 lab6/q1/zebra.cnf
nmmclennon@CIS106:~$ ls -lgHs lab6/q1/*.c*
0 -rw-rw-r-- 1 0 Nov  3 10:33 lab6/q1/app.cfg
0 -rw-rw-r-- 1 0 Nov  3 10:33 lab6/q1/fuse.conf
0 -rw-rw-r-- 1 0 Nov  3 10:33 lab6/q1/game.cfg
0 -rw-rw-r-- 1 0 Nov  3 10:33 lab6/q1/simple.cnf
0 -rw-rw-r-- 1 0 Nov  3 10:33 lab6/q1/sudo.conf
0 -rw-rw-r-- 1 0 Nov  3 10:33 lab6/q1/zebra.cnf
nmmclennon@CIS106:~$ ls -lgHs --time-style=+%D lab6/q1/*.c*
0 -rw-rw-r-- 1 0 11/03/24 lab6/q1/app.cfg
0 -rw-rw-r-- 1 0 11/03/24 lab6/q1/fuse.conf
0 -rw-rw-r-- 1 0 11/03/24 lab6/q1/game.cfg
0 -rw-rw-r-- 1 0 11/03/24 lab6/q1/simple.cnf
0 -rw-rw-r-- 1 0 11/03/24 lab6/q1/sudo.conf
0 -rw-rw-r-- 1 0 11/03/24 lab6/q1/zebra.cnf
```

Q2

Tilix: nmmclennon@CIS106: ~

1: nmmclennon@CIS106: ~

2: nmmclennon@CIS106: ~

```
c.vsd x lab6/q2/Trip_doc.xlsx
nmmclennon@CIS106:~$ rm lab6/q2/T*????
nmmclennon@CIS106:~$ ls lab6/q2/[lr][aeiou]*[0-9]*
lab6/q2/last_0.txt lab6/q2/last_3.txt lab6/q2/list_2.txt l
ab6/q2/lost_1.txt lab6/q2/rest_0.txt lab6/q2/rust_1.txt
lab6/q2/last_1.txt lab6/q2/list_0.txt lab6/q2/list_3.txt l
ab6/q2/lost_2.txt lab6/q2/rest_1.txt
lab6/q2/last_2.txt lab6/q2/list_1.txt lab6/q2/lost_0.txt l
ab6/q2/lost_3.txt lab6/q2/rust_0.txt
nmmclennon@CIS106:~$ mkdir lab6/random
nmmclennon@CIS106:~$ mv lab6/q2/[lr][aeiou]*[0-9]*
mv: target 'lab6/q2/rust_1.txt': Not a directory
nmmclennon@CIS106:~$ mv lab6/q2/[lr][aeiou]*[0-9]* lab6/random/
nmmclennon@CIS106:~$ |

nmmclennon@CIS106:~$ tree -a lab6/hidden-files/
lab6/hidden-files/
├── .code
├── .helper
├── .index
└── .unit_test
1 directory, 4 files
nmmclennon@CIS106:~$ ls lab6/q2
lab6/q2
nmmclennon@CIS106:~$ tree lab6/q2
lab6/q2
0 directories, 0 files
nmmclennon@CIS106:~$ |
```

Q3

```
Nov 3 11:10
Tilix: nmmclennon@CIS106: ~

1: nmmclennon@CIS106: ~
2k,4k}
nmmclennon@CIS106:~$ tree lab6/wallpapers
lab6/wallpapers
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
└── 5 directories, 0 files
nmmclennon@CIS106:~$ |

2: nmmclennon@CIS106: ~
video/{large,small}}
nmmclennon@CIS106:~$ tree lab6/assets
lab6/assets
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small
7 directories, 0 files
nmmclennon@CIS106:~$ |

4: nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ touch ~/lab6/q3/{program.py,people.csv,data.xls}
nmmclennon@CIS106:~$ rm ~/lab6/q3/_file{0..2}.old
nmmclennon@CIS106:~$ |

3: nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ mkdir -p lab6/docs/books/{history/{fall,spring},math/{2024,2025}}
nmmclennon@CIS106:~$ touch lab6/docs/books/history/fall/book.pdf
nmmclennon@CIS106:~$ touch lab6/docs/books/history/spring/book.pdf
nmmclennon@CIS106:~$ touch lab6/docs/books/math/2024/book.pdf
nmmclennon@CIS106:~$ touch lab6/docs/books/math/2025/book.pdf
nmmclennon@CIS106:~$ tree lab6/docs
lab6/docs
├── books
│   ├── history
│   │   ├── fall
│   │   └── spring
│   └── math
│       ├── 2024
│       └── 2025
```

Challenge Question

```
Nov 3 14:11
Tilix: nmmclennon@CIS106: ~

1: nmmclennon@CIS106: ~
nmmclennon@CIS106:~$ mkdir -p challenge-Lab6/{audio,docs,images}
nmmclennon@CIS106:~$ mv ~/challenge-Lab6/*.mp3 ~/challenge-Lab6/audio/
nmmclennon@CIS106:~$ mv ~/challenge-Lab6/*.ogg ~/challenge-Lab6/audio/
nmmclennon@CIS106:~$ mv ~/challenge-Lab6/*.wav ~/challenge-Lab6/audio/
nmmclennon@CIS106:~$ mv ~/challenge-Lab6/*.odt ~/challenge-Lab6/docs/
nmmclennon@CIS106:~$ mv ~/challenge-Lab6/*.doc ~/challenge-Lab6/docs/
nmmclennon@CIS106:~$ mv ~/challenge-Lab6/*.png ~/challenge-Lab6/images/
nmmclennon@CIS106:~$ mv ~/challenge-Lab6/*.gif ~/challenge-Lab6/images/
mv: cannot stat '/home/nmmclennon/challenge-Lab/*.gif': No such file or director
y
nmmclennon@CIS106:~$ mv ~/challenge-Lab/*.jpg ~/challenge-Lab6/images/
mv: cannot stat '/home/nmmclennon/challenge-Lab/*.jpg': No such file or director
y
nmmclennon@CIS106:~$ tree ~/challenge-Lab6
/home/nmmclennon/challenge-Lab6
├── 2ein.gif
├── 3ein.jpg
├── audio
│   ├── aac
│   │   └── sample.aac
│   ├── aacc
│   ├── Breakers1.mp4
│   ├── file-sample_100kB.odt
│   └── {mp3}
│       └── mp3
│           └── music.mp3
├── docs
└── images
```