

Lab 6 Submission- Wildcards

Student: Mohammed Assaf semester: Fall 24 Assignment: Lab 6

Lab 6 Submission

Question 1

```
1: maassaf45088@cis106: ~/lab6/q1
maassaf45088@cis106:~$ cd lab6/
maassaf45088@cis106:~/lab6$ ls
q1 q2 q3
maassaf45088@cis106:~/lab6$ cd q1
maassaf45088@cis106:~/lab6/q1$ ls
access.log app.cfg ftp.log game.cfg ssh.log zebra.cnf
apache.log error.log fuse.conf simple.cnf sudo.conf
maassaf45088@cis106:~/lab6/q1$ ls *.log
access.log apache.log error.log ftp.log ssh.log
maassaf45088@cis106:~/lab6/q1$ mkdir ../log-files
maassaf45088@cis106:~/lab6/q1$ mv *.log ../log-files/
maassaf45088@cis106:~/lab6/q1$

2: maassaf45088@cis106:~
maassaf45088@cis106:~$ ls -l lab6/q1/*.c*
lab6/q1/app.cfg
lab6/q1/fuse.conf
lab6/q1/game.cfg
lab6/q1/simple.cnf
lab6/q1/sudo.conf
lab6/q1/zebra.cnf
maassaf45088@cis106:~$ ls -lgchS lab6/q1/*.c*
-rw-rw-r-- 1 0 Nov 10 23:47 lab6/q1/app.cfg
-rw-rw-r-- 1 0 Nov 10 23:47 lab6/q1/fuse.conf
-rw-rw-r-- 1 0 Nov 10 23:47 lab6/q1/game.cfg
-rw-rw-r-- 1 0 Nov 10 23:47 lab6/q1/simple.cnf
-rw-rw-r-- 1 0 Nov 10 23:47 lab6/q1/sudo.conf
-rw-rw-r-- 1 0 Nov 10 23:47 lab6/q1/zebra.cnf
maassaf45088@cis106:~$ ls -lgchS --time-style=%D lab6/q1/*.c*
-rw-rw-r-- 1 0 11/10/24 lab6/q1/app.cfg
-rw-rw-r-- 1 0 11/10/24 lab6/q1/fuse.conf
-rw-rw-r-- 1 0 11/10/24 lab6/q1/game.cfg
-rw-rw-r-- 1 0 11/10/24 lab6/q1/simple.cnf
-rw-rw-r-- 1 0 11/10/24 lab6/q1/sudo.conf
-rw-rw-r-- 1 0 11/10/24 lab6/q1/zebra.cnf
maassaf45088@cis106:~$ ls -l lab6/q1/*.c*
-rw-rw-r-- 1 maassaf45088 maassaf45088 0 Nov 10 23:47 lab6/q1/app.cfg
-rw-rw-r-- 1 maassaf45088 maassaf45088 0 Nov 10 23:47 lab6/q1/fuse.conf
-rw-rw-r-- 1 maassaf45088 maassaf45088 0 Nov 10 23:47 lab6/q1/game.cfg
-rw-rw-r-- 1 maassaf45088 maassaf45088 0 Nov 10 23:47 lab6/q1/simple.cnf
-rw-rw-r-- 1 maassaf45088 maassaf45088 0 Nov 10 23:47 lab6/q1/sudo.conf
-rw-rw-r-- 1 maassaf45088 maassaf45088 0 Nov 10 23:47 lab6/q1/zebra.cnf
maassaf45088@cis106:~$
```

Question 2

```
1: maassaf45088@cis106:~
maassaf45088@cis106:~/lab6/q1$ cd
maassaf45088@cis106:~$ mkdir lab6/hidden-files/
maassaf45088@cis106:~$ ls lab6/q2/.*
lab6/q2/.code lab6/q2/.helper lab6/q2/.index lab6/q2/.unit_test
maassaf45088@cis106:~$ cp lab6/q2/.* lab6/hidden-files/
maassaf45088@cis106:~$ ls lab6/q2/.*
lab6/q2/code.go lab6/q2/code.py lab6/q2/code.sh
lab6/q2/code.js lab6/q2/code.rb
maassaf45088@cis106:~$ rm lab6/q2/.*
maassaf45088@cis106:~$ ls lab6/q2/.*
ls: cannot access 'lab6/q2/.*': No such file or directory
maassaf45088@cis106:~$ rm lab6/q2/.*
rm: cannot remove 'lab6/q2/.*': No such file or directory
maassaf45088@cis106:~$ ls lab6/q2/[lr][aeiou]*[0-9].*
lab6/q2/last_0.txt lab6/q2/list_0.txt lab6/q2/lost_0.txt lab6/q2/rest_0.txt
lab6/q2/last_1.txt lab6/q2/list_1.txt lab6/q2/lost_1.txt lab6/q2/rest_1.txt
lab6/q2/last_2.txt lab6/q2/list_2.txt lab6/q2/lost_2.txt lab6/q2/rust_0.txt
lab6/q2/last_3.txt lab6/q2/list_3.txt lab6/q2/lost_3.txt lab6/q2/rust_1.txt
maassaf45088@cis106:~$ mkdir lab6/random
maassaf45088@cis106:~$ mv lab6/q2/[lr][aeiou]*[0-9].* lab6/random/
mv: cannot stat 'lab6/q2/[lr][aeiou]*[0-9].*': No such file or directory
maassaf45088@cis106:~$ mv lab6/q2/[lr][aeiou]*[0-9].* lab6/random/
mv: cannot stat 'lab6/q2/[lr][aeiou]*[0-9].*': No such file or directory

2: maassaf45088@cis106:~
maassaf45088@cis106:~$ tree -a lab6/hidden-files/
lab6/hidden-files/
├── .code
├── .helper
├── .index
├── .unit_test
└── es/

3: maassaf45088@cis106:~
maassaf45088@cis106:~$ tree lab6/q2
lab6/q2
├── code.go
├── code.js
├── code.py
├── code.rb
├── code.sh
└── code.go

1 directory, 4 files
maassaf45088@cis106:~$

maassaf45088@cis106:~$ tree lab6/q2
lab6/q2
├── code.go
├── code.js
├── code.py
├── code.rb
├── code.sh
└── code.sh

1 directory, 5 files
maassaf45088@cis106:~$
```

Question 3

```
1: maassaf45088@cis106: ~
maassaf45088@cis106:~$ mkdir: created directory 'lab6/wallpapers/cars'
maassaf45088@cis106:~$ tree lab6/q3
lab6/q3
├── data.xls
├── _file0.old
├── _file1.old
├── _file2.old
├── people.csv
└── program.py
1 directory, 6 files
maassaf45088@cis106:~$ tree lab6/q3
lab6/q3
├── data.xls
├── data.csv
├── people.csv
└── program.py
1 directory, 3 files
maassaf45088@cis106:~$ touch lab6/q3/file(a..z.csv
maassaf45088@cis106:~$ tree lab6/q3/
lab6/q3/
├── data.xls
├── file(a..z.csv
├── people.csv
└── program.py
1 directory, 4 files
maassaf45088@cis106:~$

2: maassaf45088@cis106: ~
maassaf45088@cis106:~$ mkdir: created directory 'lab6/assets/imgs'
maassaf45088@cis106:~$ mkdir: created directory 'lab6/assets/imgs/large'
maassaf45088@cis106:~$ mkdir: created directory 'lab6/assets/imgs/small'
maassaf45088@cis106:~$ mkdir: created directory 'lab6/assets/video'
maassaf45088@cis106:~$ mkdir: created directory 'lab6/assets/video/large'
maassaf45088@cis106:~$ mkdir: created directory 'lab6/assets/video/small'
maassaf45088@cis106:~$ tree lab6/assets/
lab6/assets/
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small
7 directories, 0 files
maassaf45088@cis106:~$ mkdir -pv lab6/docs/books/{history/{fall,spring},math/{2024,2025}}
maassaf45088@cis106:~$ tree lab6/docs/
lab6/docs/
├── books
│   ├── history
│   │   ├── fall
│   │   │   ├── book.pdf
│   │   │   └── book.pdf
│   │   └── spring
│   │       ├── book.pdf
│   │       └── book.pdf
│   └── math
│       ├── 2024
│       │   ├── book.pdf
│       │   └── book.pdf
│       └── 2025
│           ├── book.pdf
│           └── book.pdf
8 directories, 4 files
maassaf45088@cis106:~$
```

Challenge Question:

```
1: maassaf45088@cis106: ~
maassaf45088@cis106:~$ tree challenge-lab6/
challenge-lab6/
├── audio
│   ├── aac
│   ├── mp3
│   └── aac
├── docs
│   ├── docx
│   ├── pdf
│   ├── xls
│   ├── jpg
│   └── png
├── images
│   ├── jpg
│   ├── 2ein.gif
│   ├── 3ein.jpg
│   └── 1ein.png
├── mp3
│   ├── Breakers1.mp4
│   └── Sonicwings2.mp4
├── docx
│   ├── file-sample_1MB.doc
│   ├── pdf
│   ├── file-sample_150kB.pdf
│   ├── xls
│   ├── file-sample_100kB.odt
│   ├── helloWorld.pl
│   ├── helloWorld.py
│   └── helloWorld.rb
├── images
│   ├── jpg
│   ├── 2ein.gif
│   ├── 3ein.jpg
│   └── 1ein.png
11 directories, 14 files
maassaf45088@cis106:~$
```