

Lab 6

q1

```
mahima-rana@cis106: ~/lab6/q1
mahima-rana@cis106: ~/lab6/q1
mahima-rana@cis106:~$ cd lab6/
mahima-rana@cis106:~/lab6$ ls
q1 q2 q3
mahima-rana@cis106:~/lab6$ cd q1
mahima-rana@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
mahima-rana@cis106:~/lab6/q1$ ls *.log
access.log apache.log error.log ftp.log ssh.log
mahima-rana@cis106:~/lab6/q1$ mv *.log ../log-files
mv: target '../log-files': No such file or directory
mahima-rana@cis106:~/lab6/q1$ mkdir ../log-files
mahima-rana@cis106:~/lab6/q1$ mv *.log ../log-files/
mahima-rana@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
mahima-rana@cis106:~$ ls -lghs lab6/q1/*.c*
0 -rw-rw-r-- 1 mahima-rana 0 Nov  7 17:24 lab6/q1/app.cfg
0 -rw-rw-r-- 1 mahima-rana 0 Nov  7 17:24 lab6/q1/fuse.conf
0 -rw-rw-r-- 1 mahima-rana 0 Nov  7 17:24 lab6/q1/game.cfg
0 -rw-rw-r-- 1 mahima-rana 0 Nov  7 17:24 lab6/q1/simple.cnf
0 -rw-rw-r-- 1 mahima-rana 0 Nov  7 17:24 lab6/q1/sudo.conf
0 -rw-rw-r-- 1 mahima-rana 0 Nov  7 17:24 lab6/q1/zebra.cnf
mahima-rana@cis106:~$ ls -lghs --time-style=+%D lab6/q1/*.c*
0 -rw-rw-r-- 1 mahima-rana 0 11/07/24 lab6/q1/app.cfg
0 -rw-rw-r-- 1 mahima-rana 0 11/07/24 lab6/q1/fuse.conf
0 -rw-rw-r-- 1 mahima-rana 0 11/07/24 lab6/q1/game.cfg
0 -rw-rw-r-- 1 mahima-rana 0 11/07/24 lab6/q1/simple.cnf
0 -rw-rw-r-- 1 mahima-rana 0 11/07/24 lab6/q1/sudo.conf
0 -rw-rw-r-- 1 mahima-rana 0 11/07/24 lab6/q1/zebra.cnf
```

q2

```
mahima-rana@cis106:~$ mkdir lab6/hidden-files/
mahima-rana@cis106:~$ cp -v lab6/q2/.??* lab6/hidden-files/
'lab6/q2/.code' -> 'lab6/hidden-files/.code'
'lab6/q2/.helper' -> 'lab6/hidden-files/.helper'
'lab6/q2/.index' -> 'lab6/hidden-files/.index'
'lab6/q2/.unit_test' -> 'lab6/hidden-files/.unit_test'
mahima-rana@cis106:~$ rm lab6/q2/*.??
mahima-rana@cis106:~$ rm -v lab6/q2/*.???x
removed 'lab6/q2/Trip_doc.docx'
removed 'lab6/q2/Trip_doc.pptx'
removed 'lab6/q2/Trip_doc.vsdX'
removed 'lab6/q2/Trip_doc.xlsx'
mahima-rana@cis106:~$ mkdir lab6/random
mahima-rana@cis106:~$ mkdir lab6/^[[200~[lr][aeiou]*[0-9]].*
mahima-rana@cis106:~$ mkdir lab6/q2/[lr][aeiou]*[0-9].* lab6/random/
mkdir: cannot create directory 'lab6/q2/last_0.txt': File exists
mkdir: cannot create directory 'lab6/q2/last_1.txt': File exists
mkdir: cannot create directory 'lab6/q2/last_2.txt': File exists
mkdir: cannot create directory 'lab6/q2/last_3.txt': File exists
mkdir: cannot create directory 'lab6/q2/list_0.txt': File exists
mkdir: cannot create directory 'lab6/q2/list_1.txt': File exists
mkdir: cannot create directory 'lab6/q2/list_2.txt': File exists
mkdir: cannot create directory 'lab6/q2/list_3.txt': File exists
mkdir: cannot create directory 'lab6/q2/lost_0.txt': File exists
mkdir: cannot create directory 'lab6/q2/lost_1.txt': File exists
mkdir: cannot create directory 'lab6/q2/lost_2.txt': File exists
mkdir: cannot create directory 'lab6/q2/lost_3.txt': File exists
mkdir: cannot create directory 'lab6/q2/rest_0.txt': File exists
mkdir: cannot create directory 'lab6/q2/rest_1.txt': File exists
mkdir: cannot create directory 'lab6/q2/rust_0.txt': File exists
mkdir: cannot create directory 'lab6/q2/rust_1.txt': File exists
mkdir: cannot create directory 'lab6/random/': File exists
mahima-rana@cis106:~$ lab6/random/
bash: lab6/random/: Is a directory
mahima-rana@cis106:~$ mv lab6/q2/[lr][aeiou]*[0-9].* lab6/random/
mahima-rana@cis106:~$
```

q3

```
mahima-rana@cis106: ~  
mkdir: created directory 'lab6/docs/books/history'  
mkdir: created directory 'lab6/docs/books/history/fall'  
mkdir: created directory 'lab6/docs/books/history/spring'  
mkdir: created directory 'lab6/docs/books/math'  
mkdir: created directory 'lab6/docs/books/math/2024'  
mkdir: created directory 'lab6/docs/books/math/2025'  
mahima-rana@cis106:~$ touch lab6/docs/books/{history/{fall,spring},math/{2024,2025}}/book.pdf  
mahima-rana@cis106:~$ tree lab6/docs/  
lab6/docs/  
├── books  
│   ├── history  
│   │   ├── fall  
│   │   │   └── book.pdf  
│   │   └── spring  
│   │       └── book.pdf  
│   └── math  
│       ├── 2024  
│       │   └── book.pdf  
│       └── 2025  
│           └── book.pdf  
└──
```

```
mahima-rana@cis106: ~  
mahima-rana@cis106:~$ tree lab6/q3/  
lab6/q3/  
├── data.xls  
├── _file0.old  
├── _file1.old  
├── _file2.old  
├── people.csv  
└── program.py  
1 directory, 6 files  
mahima-rana@cis106:~$ tree lab6/q3/  
lab6/q3/  
├── data.xls  
├── people.csv  
└── program.py
```

```
mahima-rana@cis106: ~  
mahima-rana@cis106:~$ mkdir -pv lab6/wallpapers/cars/{1080p,2k,4k}  
mkdir: created directory 'lab6/wallpapers'  
mkdir: created directory 'lab6/wallpapers/cars'  
mkdir: created directory 'lab6/wallpapers/cars/1080p'  
mkdir: created directory 'lab6/wallpapers/cars/2k'  
mkdir: created directory 'lab6/wallpapers/cars/4k'  
mahima-rana@cis106:~$ tree lab6/wallpapers/  
lab6/wallpapers/  
└── cars  
    ├── 1080p  
    ├── 2k  
    └── 4k  
5 directories, 0 files  
mahima-rana@cis106:~$ cd /  
mahima-rana@cis106:/$ touch ~/lab6/q3/{program.py,people.csv,data.xls}  
mahima-rana@cis106:/$ rm ~/lab6/q3/_file{0..2}.old  
mahima-rana@cis106:/$
```

```
mahima-rana@cis106: ~  
mahima-rana@cis106:~$ mkdir -pv lab6/assets/video  
mkdir: created directory 'lab6/assets/video'  
mkdir: created directory 'lab6/assets/video/large'  
mkdir: created directory 'lab6/assets/video/small'  
mahima-rana@cis106:~$ tree lab6/assets/  
lab6/assets/  
└── imgs  
    ├── large  
    └── small  
└── video  
    ├── large  
    └── small  
7 directories, 0 files  
mahima-rana@cis106:~$
```

q4 (challenge)

```
mahima-rana@cis106:~$ tree challenge-Lab6/
challenge-Lab6/
├── audio
│   ├── aac
│   │   ├── Breakers1.mp4
│   │   └── Sonicwings2.mp4
│   └── mp3
│       └── music.mp3
├── docs
│   ├── docx
│   │   └── file-sample_1MB.doc
│   ├── pdf
│   │   └── file-sample_150kB.pdf
│   └── xls
│       └── file-sample_100kB.odt
└── images
    ├── jpg
    │   └── 3ein.jpg
    └── png
        └── 1ein.png

11 directories, 8 files
mahima-rana@cis106:~$
```