Lab 6

Question 1

Question 2

Question 3

```
mig@cis106:~$ cd lab6/
mig@cis106:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
mig@cis106:~/lab6$ tree wallpapers/
wallpapers/
└── cars
    ├── 1080p
    ├── 2k
    └── 4k

5 directories, 0 files
mig@cis106:~/lab6$ mkdir -p assets/{imgs,video}/{large,small}
mig@cis106:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small

7 directories, 0 files
mig@cis106:~/lab6$ cd ~
mig@cis106:~$ tree ~/lab6/q3
/home/mig/lab6/q3
├── _file0.old
├── _file1.old
└── _file2.old

1 directory, 3 files
mig@cis106:~$ touch ~/lab6/q3/{program.py,people.csv,data.xls}
mig@cis106:~$ tree ~/lab6/q3
/home/mig/lab6/q3
├── data.xls
├── _file0.old
├── _file1.old
├── _file2.old
└── people.csv
```

```
mig@cis106:~$ cd lab6/
mig@cis106:~/lab6$ mkdir -p docs/books/{history/{fall,spring},math/{2024,2025}}
mig@cis106:~/lab6$ tree docs/
docs/
└── books
    ├── history
    │   ├── fall
    │   └── spring
    └── math
        ├── 2024
        └── 2025

8 directories, 0 files
mig@cis106:~/lab6$ touch docs/books/history/fall/book.pdf
mig@cis106:~/lab6$ touch docs/books/history/spring/book.pdf
mig@cis106:~/lab6$ touch docs/books/math/2024/book.pdf
mig@cis106:~/lab6$ touch docs/books/math/2025/book.pdf
mig@cis106:~/lab6$ tree dpcs/
dpcs/  [error opening dir]

0 directories, 0 files
mig@cis106:~/lab6$ tree docs/
docs/
└── books
    ├── history
    │   ├── fall
    │   │   └── book.pdf
    │   └── spring
    │       └── book.pdf
    └── math
        ├── 2024
        │   └── book.pdf
        └── 2025
            └── book.pdf

8 directories, 4 files
mig@cis106:~/lab6$ █
```

Question 3.2

```
1 directory, 3 files
mig@cis106:~$ touch ~/lab6/q3/{program.py,people.csv,data.xls}
mig@cis106:~$ tree ~/lab6/q3
/home/mig/lab6/q3
├── data.xls
├── _file0.old
├── _file1.old
├── _file2.old
├── people.csv
└── program.py

1 directory, 6 files
mig@cis106:~$ rm ~/lab6/q3/{_file0.old,_file1.old,_file2.old}
mig@cis106:~$ tree ~/lab6/q3
/home/mig/lab6/q3
├── data.xls
├── people.csv
└── program.py

1 directory, 3 files
```

Challenge Question

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1: mig@cis106: ~/challenge-Lab6 ∨              ▢ ✕   2: mig@cis106: ~/challenge-Lab6 ∨              ▢ ✕
mig@cis106:~/challenge-Lab6$ mv {*.png,*.jpg} challenge/images/jpg/   mig@cis106:~$ cd challenge-Lab6/
mig@cis106:~/challenge-Lab6$ mv {*.gif} challenge/images/gif/         mig@cis106:~/challenge-Lab6$ ls
mv: cannot stat '{*.gif}': No such file or directory                  1ein.png      challenge      helloWorld.pl   music.mp3
mig@cis106:~/challenge-Lab6$ mv *gif challenge/images/gif/            2ein.gif      file-sample_100kB.odt  helloWorld.py   Sonicwings2.mp4
mig@cis106:~/challenge-Lab6$ mv {*.mp3,*.wav} challenge/audio/mp3/    3ein.jpg      file-sample_150kB.pdf  helloWorld.rb   sound_track.ogg
mig@cis106:~/challenge-Lab6$ mv {*.mp4,*.ogg} challenge/audio/mp4/    Breakers1.mp4  file-sample_1MB.doc   helloWorld.sh   track.wav
mig@cis106:~/challenge-Lab6$ mv {*.py,*.pl,*.rb,*.sh} challenge/docs/code/   mig@cis106:~/challenge-Lab6$ tree challenge/
mig@cis106:~/challenge-Lab6$ mv *.pdf challenge/docs/pdf/             challenge/
mig@cis106:~/challenge-Lab6$ tree challenge/                          ├── audio
challenge/                                                            │   ├── mp3
├── audio                                                             │   │   ├── music.mp3
│   ├── mp3                                                           │   │   └── track.wav
│   │   ├── music.mp3                                                 │   └── mp4
│   │   └── track.wav                                                 │       ├── Breakers1.mp4
│   └── mp4                                                           │       ├── Sonicwings2.mp4
│       ├── Breakers1.mp4                                             │       └── sound_track.ogg
│       ├── Sonicwings2.mp4                                           ├── docs
│       └── sound_track.ogg                                           │   ├── code
├── docs                                                             │   │   ├── helloWorld.pl
│   ├── code                                                          │   │   ├── helloWorld.py
│   │   ├── helloWorld.pl                                             │   │   ├── helloWorld.rb
│   │   ├── helloWorld.py                                             │   │   └── helloWorld.sh
│   │   ├── helloWorld.rb                                             │   ├── doc
│   │   └── helloWorld.sh                                             │   │   ├── file-sample_100kB.odt
│   └── pdf                                                           │   │   └── file-sample_1MB.doc
│       └── file-sample_150kB.pdf                                     │   └── pdf
└── images                                                           │       └── file-sample_150kB.pdf
    ├── gif                                                           └── images
    │   └── 2ein.gif                                                      ├── gif
    └── jpg                                                               │   └── 2ein.gif
        ├── 1ein.png                                                      └── jpg
        └── 3ein.jpg                                                          ├── 1ein.png
                                                                             └── 3ein.jpg
10 directories, 13 files
mig@cis106:~/challenge-Lab6$                                         11 directories, 15 files
                                                                    mig@cis106:~/challenge-Lab6$ ▮
```