Lab 5

Question 1

```
1: mramirez@cis106: ~/lab5 ∨                                                                    A⏽  □  ×
mramirez@cis106:~$ mkdir lab5
mramirez@cis106:~$ cd ~/lab5
mramirez@cis106:~/lab5$ mkdir -p /pets /docs /songs
mkdir: cannot create directory '/pets': Permission denied
mkdir: cannot create directory '/docs': Permission denied
mkdir: cannot create directory '/songs': Permission denied
mramirez@cis106:~/lab5$ mkdir -p pets/ docs/ songs/
mramirez@cis106:~/lab5$ ls
docs  pets  songs
mramirez@cis106:~/lab5$ mkdir -p pets/new pets/old
mramirez@cis106:~/lab5$ mkdir -p docs/new docs/old
mramirez@cis106:~/lab5$ mkdir -p songs/new songs/old
mramirez@cis106:~/lab5$ touch pets/new/file1 pets/new/file2 pets/new/file3
mramirez@cis106:~/lab5$ touch pets/old/file1 pets/old/file2 pets/old/file3
mramirez@cis106:~/lab5$ touch docs/new/file1 docs/new/file2 docs/new/file3
mramirez@cis106:~/lab5$ touch docs/old/file1 docs/old/file2 docs/old/file3
mramirez@cis106:~/lab5$ touch songs/new/file1 songs/new/file2 songs/new/file3
mramirez@cis106:~/lab5$ touch songs/old/file1 songs/old/file2 songs/old/file3
mramirez@cis106:~/lab5$ tree
.
├── docs
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
├── pets
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
└── songs
    ├── new
    │   ├── file1
    │   ├── file2
    │   └── file3
    └── old
```
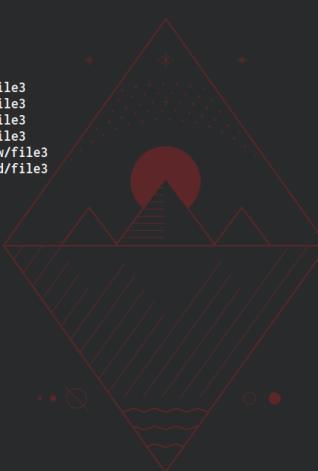
```
mramirez@cis106:~/lab5$ tree
.
├── docs
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
├── pets
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
└── songs
    ├── new
    │   ├── file1
    │   ├── file2
    │   └── file3
    └── old
        ├── file1
        ├── file2
        └── file3

9 directories, 18 files
mramirez@cis106:~/lab5$
```

Question 2

```
1: mramirez@cis106: /srv ∨
mramirez@cis106:~$ cd /srv/
mramirez@cis106:/srv$ rm ~/lab5/pets/new/file1 ~/lab5/pets/new/file2 ~/lab5/pets/new/file3
mramirez@cis106:/srv$ rmdir -r ~/lab5/pets
rmdir: invalid option -- 'r'
Try 'rmdir --help' for more information.
mramirez@cis106:/srv$ rmdir ~/lab5/pets
rmdir: failed to remove '/home/mramirez/lab5/pets': Directory not empty
mramirez@cis106:/srv$ rm -r ~/lab5/pets
mramirez@cis106:/srv$ rm -r ~/lab5/docs ~/lab5/songs
mramirez@cis106:/srv$ rm -r ~/lab5
mramirez@cis106:/srv$
```

Question 3

```
mramirez@cis106:~$ wget https://cis106.com/assets/lab5.zip && unzip lab5.zip && rm lab5.zip
--2023-12-22 18:09:12--  https://cis106.com/assets/lab5.zip
Resolving cis106.com (cis106.com)... 185.199.108.153
Connecting to cis106.com (cis106.com)|185.199.108.153|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 4210527 (4.0M) [application/zip]
Saving to: 'lab5.zip'

lab5.zip                100%[============================>]   4.01M  23.2MB/s    in 0.2s

2023-12-22 18:09:12 (23.2 MB/s) - 'lab5.zip' saved [4210527/4210527]

Archive:  lab5.zip
   creating: lab5/
 extracting: lab5/.hidden
  inflating: lab5/Pexels.mp4
  inflating: lab5/Silence.mp3
  inflating: lab5/Videoleaf.mp4
  inflating: lab5/another.mp4
  inflating: lab5/audio.mp3
 extracting: lab5/fileA.txt
 extracting: lab5/fileB.txt
 extracting: lab5/filea.txt
  inflating: lab5/image1.jpeg
  inflating: lab5/image2.jpeg
  inflating: lab5/image3.png
  inflating: lab5/image4.png
  inflating: lab5/image5.gif
  inflating: lab5/song.mp3
  inflating: lab5/trivia.txt
 extracting: lab5/triviaXYZ.txt
 extracting: lab5/vita.txt
   creating: lab5/wallpaperslab5/
  inflating: lab5/wallpaperslab5/cpu.jpeg
  inflating: lab5/wallpaperslab5/keyboard.jpeg
  inflating: lab5/wallpaperslab5/pc.jpeg
mramirez@cis106:~$ mkdir lab5-imgs/ lab5-audio/ lab5-video/ lab5-docs/
mramirez@cis106:~$ mv lab5/image1.jpeg lab5/image2.jpeg lab5/image3.png lab5/image4.png lab5/image5.gif lab5/wallpapaerslab5/cpu.jpeg lab5/wallpaperslab5/keyboard.jpeg lab5/wallpapersla
b5/pc.jpeg lab5-imgs/
mv: cannot stat 'lab5/wallpapaerslab5/cpu.jpeg': No such file or directory
```

Question 4

```
mramirez@cis106:~$ mv ~/Downloads/pexels-vlad-alexandru-popa-1402787.jpg ~/Downloads/pexels-eberhard-grossgasteiger-443446.jpg ~/Downloads/pexels-eberhard-grossgasteiger-1624496.jpg ~/D
ownloads/NewWallpapers
mv: target '/home/mramirez/Downloads/NewWallpapers' is not a directory
mramirez@cis106:~$ mv ~/Downloads/pexels-vlad-alexandru-popa-1402787.jpg ~/Downloads/pexels-eberhard-grossgasteiger-443446.jpg ~/Downloads/pexels-eberhard-grossgasteiger-1624496.jpg ~/P
ictures/NewWallpapers
mramirez@cis106:~$ mkdir ~/Downloads/Wallpapers
mramirez@cis106:~$ mv ~/Downloads/pexels-pixabay-33109.jpg ~/Downloads/pexels-eberhard-grossgasteiger-1366919.jpg ~/Downloads/pexels-pixabay-33045.jpg ~/Downloads/Wallpapers
mramirez@cis106:~$ cp ~/Downloads/Wallpapers ~/Pictures/
cp: -r not specified; omitting directory '/home/mramirez/Downloads/Wallpapers'
mramirez@cis106:~$ cp -r ~/Downloads/Wallpapers ~/Pictures
mramirez@cis106:~$ ls ~/Pictures
lab3.1.png       Screenshot-2.png  Screenshot-6.png  Screenshot.png   Wallpapers
NewWallpapers    Screenshot-3.png  Screenshot-7.png  Screenshots      weeklyreport2.png
orange.txt       Screenshot-4.png  Screenshot-8.png  texture.txt
Screenshot-1.png Screenshot-5.png  Screenshot-9.png  wallpaper
mramirez@cis106:~$ rm ~/Downloads/Wallpapers
rm: cannot remove '/home/mramirez/Downloads/Wallpapers': Is a directory
mramirez@cis106:~$ rmdir ~/Downloads/Wallpapers
rmdir: failed to remove '/home/mramirez/Downloads/Wallpapers': Directory not empty
mramirez@cis106:~$ ls ~/Downloads/Wallpapers
pexels-eberhard-grossgasteiger-1366919.jpg  pexels-pixabay-33109.jpg
pexels-pixabay-33045.jpg
mramirez@cis106:~$ rm -r ~/Downloads/Wallpapers
mramirez@cis106:~$ _
```