Lab 5 Managing Files and Directories

Question 1

```
alfonzo@CIS106:~$ pwd
/home/alfonzo
alfonzo@CIS106:~$ mkdir lab5
alfonzo@CIS106:~$ cd lab5/
alfonzo@CIS106:~/lab5$ mkdir pets docs songs
alfonzo@CIS106:~/lab5$ mkdir pets/old pets/new docs/old docs/new songs/old songs/new
alfonzo@CIS106:~/lab5$ touch pets/old/file1
alfonzo@CIS106:~/lab5$ touch pets/old/file2
alfonzo@CIS106:~/lab5$ touch pets/old/file3
alfonzo@CIS106:~/lab5$ touch pets/new/file1
alfonzo@CIS106:~/lab5$ touch pets/new/file2
alfonzo@CIS106:~/lab5$ touch pets/new/file3
alfonzo@CIS106:~/lab5$ touch docs/old/file1
alfonzo@CIS106:~/lab5$ touch docs/old/file2
alfonzo@CIS106:~/lab5$ touch docs/old/file3
alfonzo@CIS106:~/lab5$ touch docs/new/file1
alfonzo@CIS106:~/lab5$ touch docs/new/file2
alfonzo@CIS106:~/lab5$ touch docs/new/file3
alfonzo@CIS106:~/lab5$ touch songs/old/file1
alfonzo@CIS106:~/lab5$ touch songs/old/file2
alfonzo@CIS106:~/lab5$ touch songs/old/file3
alfonzo@CIS106:~/lab5$ touch songs/new/file1
alfonzo@CIS106:~/lab5$ touch songs/new/file2
alfonzo@CIS106:~/lab5$ touch songs/new/file3
alfonzo@CIS106:~/lab5$ tree
```

```
alfonzo@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
```

Question 2

```
alfonzo@CIS106:~/lab5$ cd /srv/
alfonzo@CIS106:/srv$ rm ~/lab5/pets/new/file1
alfonzo@CIS106:/srv$ rm ~/lab5/pets/new/file2
alfonzo@CIS106:/srv$ rm ~/lab5/pets/new/file3
alfonzo@CIS106:/srv$ rm -r ~/lab5/pets/
alfonzo@CIS106:/srv$ rm -r ~/lab5/docs/ ~/lab5/songs/
alfonzo@CIS106:/srv$ rm -r ~/lab5
alfonzo@CIS106:/srv$ 
```

Question 3

```
alfonzo@CIS106:~$ ls lab5/
another.mp4  fileB.txt    image4.png   song.mp3      vita.txt
audio.mp3    image1.jpeg  image5.gif   trivia.txt    wallpaperslab5
filea.txt    image2.jpeg  Pexels.mp4   triviaXYZ.txt
fileA.txt    image3.png   Silence.mp3  Videoleaf.mp4
alfonzo@CIS106:~$ mkdir lab5-imgs lab5-audio lab5-video lab5-docs
alfonzo@CIS106:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/Silence.mp3 lab5-audio/
alfonzo@CIS106:~$ mv lab5/image1.jpeg lab5/image2.jpeg lab5/image3.png lab5/image4.png lab5/image5.gif lab5-imgs/
alfonzo@CIS106:~$ mv lab5/another.mp4 lab5/Videoleaf.mp4 lab5/Pexels.mp4 lab5-video/
alfonzo@CIS106:~$ mv lab5/filea.txt lab5/fileA.txt lab5/fileB.txt lab5/trivia.txt lab5/triviaXYZ.txt lab5/vita.txt lab5-docs/
alfonzo@CIS106:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
alfonzo@CIS106:~$ mv lab5/ lab-5
alfonzo@CIS106:~$ 
```

Question 4

```
alfonzo@CIS106:~$ ls lab5/
another.mp4  fileB.txt    image4.png   song.mp3      vita.txt
audio.mp3    image1.jpeg  image5.gif   trivia.txt    wallpaperslab5
filea.txt    image2.jpeg  Pexels.mp4   triviaXYZ.txt
fileA.txt    image3.png   Silence.mp3  Videoleaf.mp4
alfonzo@CIS106:~$ mkdir lab5-imgs lab5-audio lab5-video lab5-docs
alfonzo@CIS106:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/Silence.mp3 lab5-audio/
alfonzo@CIS106:~$ mv lab5/image1.jpeg lab5/image2.jpeg lab5/image3.png lab5/image4.png lab5/image5.gif lab5-imgs/
alfonzo@CIS106:~$ mv lab5/another.mp4 lab5/Videoleaf.mp4 lab5/Pexels.mp4 lab5-video/
alfonzo@CIS106:~$ mv lab5/filea.txt lab5/fileA.txt lab5/fileB.txt lab5/trivia.txt lab5/triviaXYZ.txt lab5/vita.txt lab5-docs/
alfonzo@CIS106:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
alfonzo@CIS106:~$ mv lab5/ lab-5
alfonzo@CIS106:~$ ls Downloads/
Firefox_wallpaper.png  lab4files.zip  pexels-photo-2559941.jpeg   pexels-photo-2885320.webp  pexels-photo-3075993.jpeg
alfonzo@CIS106:~$ cp Downloads/pexels-photo-2559941.jpeg Downloads/pexels-photo-2885320.webp Downloads/pexels-photo-3075993.jpeg Pictures/NewWallpapers/
alfonzo@CIS106:~$ mkdir Downloads/pc
alfonzo@CIS106:~$ 
```

```
alfonzo@CIS106:~$ ls Downloads/
Firefox_wallpaper.png  lab4files.zip  pc  pc1.webp  pc2.webp  pc3.webp  pexels-photo-2559941.jpeg  pexels-photo-2885320.webp  pexels-photo-3075993.jpeg
alfonzo@CIS106:~$ mv Downloads/pc1.webp Downloads/pc2.webp Downloads/pc3.webp Downloads/pc/
alfonzo@CIS106:~$ ls
cis106     Downloads  lab5-audio  lab5-video  Public     Videos
Desktop    lab4files  lab5-docs   Music       snap
Documents  lab-5      lab5-imgs   Pictures    Templates
```

```
alfonzo@CIS106:~$ cp -r Downloads/pc/ Pictures/
alfonzo@CIS106:~$ rm -r Downloads/pc/
alfonzo@CIS106:~$ ls Downloads/
Firefox_wallpaper.png   pexels-photo-2559941.jpeg   pexels-photo-3075993.jpeg
lab4files.zip           pexels-photo-2885320.webp
alfonzo@CIS106:~$ 
```

Question 5

Challenge Question Lab 5


```
alfonzo@CIS106:~$ pwd
/home/alfonzo
alfonzo@CIS106:~$ mkdir lab5ChallengeQuestion lab5ChallengeQuestion/assets
alfonzo@CIS106:~$ mv Downloads/pexels-photo-8389189.jpeg lab5ChallengeQuestion/assets/newPicture.png
alfonzo@CIS106:~$ touch lab5ChallengeQuestion/site.html
alfonzo@CIS106:~$ 
```