Lab 5

Question 1

```
aawari43657@cis106:~$ mkdir ~/lab5
aawari43657@cis106:~$ cd kab5
bash: cd: kab5: No such file or directory
aawari43657@cis106:~$ cd lab5
aawari43657@cis106:~/lab5$ mkdir {pets,docs,songs}/{new,old}
mkdir: cannot create directory 'pets/new': No such file or directory
mkdir: cannot create directory 'pets/old': No such file or directory
mkdir: cannot create directory 'docs/new': No such file or directory
mkdir: cannot create directory 'docs/old': No such file or directory
mkdir: cannot create directory 'songs/new': No such file or directory
mkdir: cannot create directory 'songs/old': No such file or directory
aawari43657@cis106:~/lab5$ mkdir pets docs songs
aawari43657@cis106:~/lab5$ mkdir {pets,docs,songs}/{new,old}
aawari43657@cis106:~/lab5$ touch {pets,docs,songs/{new,old}/{file1,file2,file3}
touch: cannot touch '{pets,docs,songs/new/file1': No such file or directory
touch: cannot touch '{pets,docs,songs/new/file2': No such file or directory
touch: cannot touch '{pets,docs,songs/new/file3': No such file or directory
touch: cannot touch '{pets,docs,songs/old/file1': No such file or directory
touch: cannot touch '{pets,docs,songs/old/file2': No such file or directory
touch: cannot touch '{pets,docs,songs/old/file3': No such file or directory
aawari43657@cis106:~/lab5$ touch {pets,docs,songs}/{new,old}/{file1,file2,file3}aawari43657@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
```

Question 2

```
aawari43657@cis106:~/lab5$ cd /srv/
aawari43657@cis106:/srv$ ls
aawari43657@cis106:/srv$ rm ~/lab5/pets/new/file1 file2 file3
rm: cannot remove 'file2': No such file or directory
rm: cannot remove 'file3': No such file or directory
aawari43657@cis106:/srv$ rm ~/lab5/pets/new/file2
aawari43657@cis106:/srv$ rm ~/lab5/pets/new/file3
aawari43657@cis106:/srv$ rmdir ~/lab5/pets/
rmdir: failed to remove '/home/aawari43657/lab5/pets/': Directory not empty
aawari43657@cis106:/srv$ rm -r ~/lab5/pets/
aawari43657@cis106:/srv$ rm -r ~/lab5/docs/ ~/lab5/songs/
aawari43657@cis106:/srv$ rm -r ~/lab5/
aawari43657@cis106:/srv$ []
```

Question 3

```
aawari43657@cis106:~$ wget https://cis106.com/assets/lab5.zip && unzip lab5.zip && rm lab5.zip
--2024-04-10 15:26:22--  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  --.-KB/s    in 0.1s

2024-04-10 15:26:23 (41.6 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
aawari43657@cis106:~$ mkdir ~/lab5-imgs ~/lab5-audio ~/lab5-video ~/lab5-docs
aawari43657@cis106:~$ mv ~/lab5/*.txt ~/lab5-docs/
aawari43657@cis106:~$ mv ~/lab5/*.png *.jpeg *.gif ~/lab5-imgs
mv: cannot stat '*.jpeg': No such file or directory
mv: cannot stat '*.gif': No such file or directory
aawari43657@cis106:~$ mv ~/lab5/*.jpeg ~/lab5-imgs
aawari43657@cis106:~$ mv ~/lab5/*.gif ~/lab5-imgs
aawari43657@cis106:~$ mv ~/lab5/*.mp3 ~/lab5-songs
mv: target '/home/aawari43657/lab5-songs' is not a directory
aawari43657@cis106:~$ mv ~/lab5/*.mp3 ~/lab5-audio
aawari43657@cis106:~$ mv ~/lab5/*.mp4 ~/lab5-video
aawari43657@cis106:~$ mv ~/lab5/wallpaperslab5 ~/Pictures/NewWallpapers
aawari43657@cis106:~$ mv ~/lab5 ~/lab-5
```

Question 4

```
aawari43657@cis106:~$ cp ~/Downloads/*.jpg ~/Pictures/NewWallpapers/
aawari43657@cis106:~$ mkdir ~/Downloads/walls
aawari43657@cis106:~$ mv ~/Downloads/*.jpg ~/Downloads/walls
aawari43657@cis106:~$ cp ~/Downloads/walls ~/Pictures/
cp: -r not specified; omitting directory '/home/aawari43657/Downloads/walls'
aawari43657@cis106:~$ cp -r ~/Downloads/walls ~/Pictures/
aawari43657@cis106:~$ rm -r ~/Downloads/walls
aawari43657@cis106:~$
```

Challenge Question