

Lab 5 Managing Files and Directories

Question 1

```
jsamaan@cis106: ~/lab5

jsamaan@cis106:~$ mkdir lab5
jsamaan@cis106:~$ cd lab5/
jsamaan@cis106:~/lab5$ mkdir pets dogs songs
jsamaan@cis106:~/lab5$ mkdir pets/old pets/new docs/old docs/new songs/old songs/new
jsamaan@cis106:~/lab5$ tree .
.
├── docs
│   ├── new
│   └── old
├── pets
│   ├── new
│   └── old
└── songs
    ├── new
    └── old

9 directories, 0 files
jsamaan@cis106:~/lab5$ touch pets/old/file1 pets/old/file2 pets/old/file3
jsamaan@cis106:~/lab5$ touch pets/new/file1 pets/new/file2 pets/new/file3
jsamaan@cis106:~/lab5$ touch docs/new/file1 docs/new/file2 docs/new/file3
jsamaan@cis106:~/lab5$ touch docs/old/file1 docs/old/file2 docs/old/file3
jsamaan@cis106:~/lab5$ touch songs/old/file1 songs/old/file2 songs/old/file3
jsamaan@cis106:~/lab5$ touch songs/new/file1 songs/new/file2 songs/new/file3
jsamaan@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
jsamaan@cis106:~/lab5$
```

Question 2

```
jsamaan@cis106:~$ cd /srv/
jsamaan@cis106:/srv$ rm ~/lab5/pets/new/file1
jsamaan@cis106:/srv$ rm ~/lab5/pets/new/file2
jsamaan@cis106:/srv$ rm ~/lab5/pets/new/file3
jsamaan@cis106:/srv$ rm -r ~/lab5/pets/
jsamaan@cis106:/srv$ rm -r ~/lab5/docs/
jsamaan@cis106:/srv$ rm -r ~/lab5/songs/
jsamaan@cis106:/srv$ rm -r ~/lab5/
jsamaan@cis106:/srv$ cd lab5/
bash: cd: lab5/: No such file or directory
jsamaan@cis106:/srv$
```

Question 3

```
jsamaan@cis106:~$ mv lab5/image5.gif lab5/image1.jpeg lab5/image2.jpeg lab5-imgs/
jsamaan@cis106:~$ mv lab5
lab5/      lab5-audio/ lab5-docs/ lab5-imgs/ lab5-video/
jsamaan@cis106:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/Silence.mp3 lab5/ lab5-audio/
jsamaan@cis106:~$ mv lab5/another.mp4 lab5/Pexels.mp4 lab5/Videoleaf.mp4 lab5-video/
jsamaan@cis106:~$ mv lab5/triviaXYZ.txt lab5/filea.txt lab5/fileA.txt lab5/fileB.txt lab5/trivia.txt l
ab5/vita.txt lab5-docs/
jsamaan@cis106:~$ mv lab5/image3.png lab5/image4.png lab5-imgs/
jsamaan@cis106:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
jsamaan@cis106:~$ mv lab5/ Lab-5/
jsamaan@cis106:~$
```

Question 4

```
jsamaan@cis106:~$ cd Downloads/
jsamaan@cis106:~/Downloads$ mv Downloads/pexels-photo-1402787.jpeg Pictures/NewWallpapers/
mv: cannot stat 'Downloads/pexels-photo-1402787.jpeg': No such file or directory
jsamaan@cis106:~/Downloads$ cd
jsamaan@cis106:~$ mv Downloads/pexels-photo-443446.jpeg Pictures/NewWallpapers/
jsamaan@cis106:~$ mv Downloads/amazing-animal-beautiful-beautifull.jpg Pictures/NewWallpapers/
jsamaan@cis106:~$ mv Downloads/pexels-photo-1402787.jpeg Pictures/NewWallpapers/
jsamaan@cis106:~$ cd Downloads/
jsamaan@cis106:~/Downloads$ mkdir new_dir
jsamaan@cis106:~/Downloads$ cd
jsamaan@cis106:~$ mv Downloads/lion-wild-africa-african.jpg Downloads/new_dir/
jsamaan@cis106:~$ mv Downloads/pexels-photo-1366919.jpeg Downloads/new_dir/
jsamaan@cis106:~$ mv Downloads/pexels-photo-1624496.jpeg Downloads/new_dir/
jsamaan@cis106:~$ cp -r Downloads/new_dir/ Pictures/
jsamaan@cis106:~$ rm -r Do
Documents/ Downloads/
jsamaan@cis106:~$ rm -r Downloads/new_dir/
^[[Ajsamaan@cis106:~$ rm -r Downloads/new_dir/
rm: cannot remove 'Downloads/new_dir/': No such file or directory
jsamaan@cis106:~$
```

Question 5

```
jsamaan@cis106: ~
jsamaan@cis106:~$ mkdir -p lab5ChallengeQuestion/{assets}
jsamaan@cis106:~$ cd Do
Documents/ Downloads/
jsamaan@cis106:~$ cd Downloads/
jsamaan@cis106:~/Downloads$ cd
jsamaan@cis106:~$ mv Downloads/newPicture.jpg {assets}
jsamaan@cis106:~$ mv Downloads/newPicture.jpg {assets}
mv: cannot stat 'Downloads/newPicture.jpg': No such file or directory
jsamaan@cis106:~$
```