```
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semester: Spring 22
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Lab 5 Managing Files and Directories

Question 1

```
dkrana@cis106:~$ pwd
/home/dkrana
dkrana@cis106:~$ mkdir lab5
dkrana@cis106:~$ cd lab5/
dkrana@cis106:~/lab5$ mkdir pets docs songs
dkrana@cis106:~/lab5$ mkdir pets/old pets/new
dkrana@cis106:~/lab5$ mkdir docs/old docs/new
dkrana@cis106:~/lab5$ mkdir songs/old songs/new
dkrana@cis106:~/lab5$ touch pets/old/file1
dkrana@cis106:~/lab5$ touch pets/old/file2
dkrana@cis106:~/lab5$ touch pets/old/file3
dkrana@cis106:~/lab5$ touch pets/new/file1
dkrana@cis106:~/lab5$ touch pets/new/file2
dkrana@cis106:~/lab5$ touch pets/new/file3
dkrana@cis106:~/lab5$ touch docs/old/file1
dkrana@cis106:~/lab5$ touch docs/old/file2
dkrana@cis106:~/lab5$ touch docs/old/file3
dkrana@cis106:~/lab5$ touch docs/new/file1
dkrana@cis106:~/lab5$ touch docs/new/file2
dkrana@cis106:~/lab5$ touch docs/new/file3
dkrana@cis106:~/lab5$ touch songs/old/file1
dkrana@cis106:~/lab5$ touch songs/old/file2
dkrana@cis106:~/lab5$ toch songs/old/file3
```

```
dkrana@cis106:~/lab5$ touch songs/old/file3
dkrana@cis106:~/lab5$ touch songs/new/file1
dkrana@cis106:~/lab5$ touch songs/new/file2
dkrana@cis106:~/lab5$ touch songs/new/file3
dkrana@cis106:~/lab5$ tree
.
├── docs
│   ├── new
│   │   ├── file1                              2 / 5
│   │   ├── 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
dkrana@cis106:~/lab5$ █
```

Question 2

```
dkrana@cis106:~/lab5$ cd /srv/
dkrana@cis106:/srv$ rm ~/lab5/pets/new/file1
dkrana@cis106:/srv$ rm ~/lab5/pets/new/file2
dkrana@cis106:/srv$ rm ~/lab5/pets/new/file3
dkrana@cis106:/srv$ rm -r ~/lab5/pets/
dkrana@cis106:/srv$ rm -r ~/lab5/docs/ ~/lab5/songs/
dkrana@cis106:/srv$ rm -r ~/lab5
dkrana@cis106:/srv$ █
```

Question 3

```
dkrana@cis106:~$ wget https://cis106.com/assets/lab5.zip && unzip lab5.zip && rm lab5.zip
--2022-03-30 20:52:25--  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  11.4MB/s    in 0.4s

2022-03-30 20:52:25 (11.4 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
```

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

Question 4

```
dkrana@cis106:~$ cp Downloads/pexels-chris-schippers-421927.jpg Downloads/ pexels-hilal-bülbül-8777123.jpg Downloads/ pexels-syed-qaarif-andrabi-11522573.jpg Picture
s/NewWallpapers/
```

```
dkrana@cis106:~$ ls Downloads/
pexels-chris-schippers-421927.jpg   pexels-hilal-bülbül-8777123.jpg   pexels-syed-qaarif-andrabi-11522573.jpg
dkrana@cis106:~$ cp Downloads/pexels-chris-schippers-421927.jpg Downloads/pexels-hilal-bülbül-8777123.jpg Downloads/pexels-syed-qaarif-andrabi-11522573.jpg Pictures/
NewWallpapers/
dkrana@cis106:~$ mkdir Downloads/landscapes
dkrana@cis106:~$ 
```

```
dkrana@cis106:~$ ls
cis106  Desktop  Documents  Downloads  exa.zip  lab4files  lab-5  lab5-audio  lab5-docs  lab5-imgs  lab5-video  Music  Pictures  Public  snap  Templates  Videos
dkrana@cis106:~$ ls Downloads/
landscape1.jpg  landscape3.jpg   pexels-chris-schippers-421927.jpg   pexels-syed-qaarif-andrabi-11522573.jpg
landscape2.jpg  landscapes       pexels-hilal-bülbül-8777123.jpg
dkrana@cis106:~$ mv Downloads/landscape1.jpg Downloads/landscape2.jpg Downloads/landscape3.jpg Downloads/landscapes/
dkrana@cis106:~$ ls
cis106  Desktop  Documents  Downloads  exa.zip  lab4files  lab-5  lab5-audio  lab5-docs  lab5-imgs  lab5-video  Music  Pictures  Public  snap  Templates  Videos
dkrana@cis106:~$ ls Downloads/
landscapes  pexels-chris-schippers-421927.jpg  pexels-hilal-bülbül-8777123.jpg   pexels-syed-qaarif-andrabi-11522573.jpg
dkrana@cis106:~$ 
```

```
dkrana@cis106:~$ cp Downloads/landscapes/ Pictures/
cp: -r not specified; omitting directory 'Downloads/landscapes/'
dkrana@cis106:~$ cp -r Downloads/landscapes/ Pictures/
dkrana@cis106:~$ rm -r Downloads/landscapes/
dkrana@cis106:~$ 
```

Question 5: Challenge Question

```
dkrana@cis106:~$ cd
dkrana@cis106:~$ mkdir lab5ChallengeQuestion
dkrana@cis106:~$ mkdir lab5ChallengeQuestion/assets
dkrana@cis106:~$ ls Downloads
newPicture.png  pexels-chris-schippers-421927.jpg  pexels-hilal-bülbül-8777123.jpg  pexels-syed-qaarif-andrabi-11522573.jpg
dkrana@cis106:~$ mv Downloads/newPicture.png lab5ChallengeQuestion/assets/
dkrana@cis106:~$ touch ~/lab5ChallengeQuestions/site.html
touch: cannot touch '/home/dkrana/lab5ChallengeQuestions/site.html': No such file or directory
dkrana@cis106:~$ touch ~/lab5ChallengeQuestion/site.html
dkrana@cis106:~$
```

Challenge Question Lab 5