

# Lab 5

---

## Question 1

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

## Question 2

```

1: jhopkinswalker@cis106: /srv
jhopkinswalker@cis106:~/lab5$ cd /srv/
jhopkinswalker@cis106:/srv$ rm ~/lab5/new/file1
rm: cannot remove '/home/jhopkinswalker/lab5/new/file1': No such file or directory
jhopkinswalker@cis106:/srv$ rm ~/lab5/pets/new/file1
jhopkinswalker@cis106:/srv$ rm ~/lab5/pets/new/file1
rm: cannot remove '/home/jhopkinswalker/lab5/pets/new/file1': No such file or directory
jhopkinswalker@cis106:/srv$ rm ~/lab5/pets/new/file2
jhopkinswalker@cis106:/srv$ rm ~/lab5/pets/new/file3
jhopkinswalker@cis106:/srv$ rm ~/lab5/pets/
rm: cannot remove '/home/jhopkinswalker/lab5/pets/': Is a directory
jhopkinswalker@cis106:/srv$ rm -r ~/lab5/pets/
jhopkinswalker@cis106:/srv$ rm -r ~/lab5/docs/
jhopkinswalker@cis106:/srv$ rm -r ~/lab5/songs/
jhopkinswalker@cis106:/srv$ rmdir lab5/
rmdir: failed to remove 'lab5/': No such file or directory
jhopkinswalker@cis106:/srv$ rmdir ~/lab5/
jhopkinswalker@cis106:/srv$ _

```

### Question 3

```

1: jhopkinswalker@cis106: ~
jhopkinswalker@cis106:~$ mkdir lab5-imgs lab5-audio lab5-video lab5-docs
jhopkinswalker@cis106:~$ mv lab5/image5.gif lab5/image1.jpeg lab5/image2.jpeg lab5-imgs/
jhopkinswalker@cis106:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/silence.mp3 lab5-audio/
mv: cannot stat 'lab5/silence.mp3': No such file or directory
jhopkinswalker@cis106:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/Silence.mp3 lab5-audio/
mv: cannot stat 'lab5/audio.mp3': No such file or directory
mv: cannot stat 'lab5/song.mp3': No such file or directory
jhopkinswalker@cis106:~$ mv lab5/image3.png lab5/image4.png lab5-imgs/
jhopkinswalker@cis106:~$ mv lab5/another.mp4 lab5/Pexels.mp4 lab5/Videoleaf.mp4
mv: target 'lab5/Videoleaf.mp4' is not a directory
jhopkinswalker@cis106:~$ mv lab5/another.mp4 lab5/Pexels.mp4 lab5/Videoleaf.mp4 lab5-video/
jhopkinswalker@cis106:~$ mv lab5/filea.txt lab5/fileA.txt lab5/fileB.txt lab5/trivia.txt lab5/triviaXYZ.txt lab5/vita.t
xt lab5-docs/
jhopkinswalker@cis106:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
jhopkinswalker@cis106:~$ mv lab5/ Lab-5
jhopkinswalker@cis106:~$ _

```

### Question 4

```

1: jhopkinswalker@cis106: ~
jhopkinswalker@cis106:~$ mv lab5/filea.txt lab5/fileA.txt lab5/fileB.txt lab5/trivia.txt lab5/triviaXYZ.txt lab5/vita.t
xt lab5-docs/
jhopkinswalker@cis106:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
jhopkinswalker@cis106:~$ mv lab5/ Lab-5
jhopkinswalker@cis106:~$ mv Downloads/pexels-photo-1402787.jpeg Pictures/NewWallpapers/
jhopkinswalker@cis106:~$ mv Downloads/pexels-photo-3586966.jpeg Pictures/NewWallpapers/
jhopkinswalker@cis106:~$ mv Downloads/pexels-photo-593655.jpeg Pictures/NewWallpapers/
jhopkinswalker@cis106:~$ mv Downloads/pexels-photo-70497.jpeg Downloads/woman-happiness-sunrise-silhouette-40192.webp D
ownloads/kittens-cat-cat-puppy-rush-45170.jpeg Downloads/new_dir/
jhopkinswalker@cis106:~$ cp Downloads/new_dir/ Pictures/
cp: -r not specified; omitting directory 'Downloads/new_dir/'
jhopkinswalker@cis106:~$ cp -r Downloads/new_dir/ Pictures/
jhopkinswalker@cis106:~$ rm Downloads/new_dir/
rm: cannot remove 'Downloads/new_dir/': Is a directory
jhopkinswalker@cis106:~$ rmdir Downloads/new_dir/
rmdir: failed to remove 'Downloads/new_dir/': Directory not empty
jhopkinswalker@cis106:~$ rm -r Downloads/new_dir/
jhopkinswalker@cis106:~$

```

## Question 5

```
1: jhopkinswalker@cis106: /  
jhopkinswalker@cis106:~$ mkdir -p /lab5ChallengeQuestion/assets  
mkdir: cannot create directory '/lab5ChallengeQuestion': Permission denied  
jhopkinswalker@cis106:~$ mkdir -p lab5ChallengeQuestion/assets  
jhopkinswalker@cis106:~$ mv Downloads/amazing-animal-beautiful-beautifull.webp assets/newPicture.png  
mv: cannot move 'Downloads/amazing-animal-beautiful-beautifull.webp' to 'assets/newPicture.png': No such file or directory  
jhopkinswalker@cis106:~$ mv Downloads/amazing-animal-beautiful-beautifull.webp lab5ChallengeQuestion/assets/newPicture.png  
jhopkinswalker@cis106:~$ cd /  
jhopkinswalker@cis106:/$ mkdir lab5ChallengeQuestion/site.html  
mkdir: cannot create directory 'lab5ChallengeQuestion/site.html': No such file or directory  
jhopkinswalker@cis106:/$ mkdir ~/lab5ChallengeQuestion/site.html  
jhopkinswalker@cis106:/$ touch lab5ChallengeQuestion/site.html  
touch: cannot touch 'lab5ChallengeQuestion/site.html': No such file or directory  
jhopkinswalker@cis106:/$ touch /home/jhopkinswalker/lab5  
lab5-audio/          lab5ChallengeQuestion/ lab5-docs/          lab5-imgs/          lab5-video/  
jhopkinswalker@cis106:/$ touch /home/jhopkinswalker/lab5ChallengeQuestion/site.html  
jhopkinswalker@cis106:/$ _
```

Lab 5 - Managing Files and Dirs Document

file:///home/jhopkinswalker/lab5ChallengeQuestion/site.html

## Challenge Question Lab 5

