

... name: your name here semester: fall 22 course: cis106 ...

Lab 5

Question 1

```
1: djsalman@cis106vm: ~/lab5 ∨  
djsalman@cis106vm:~$ mkdir  
mkdir: missing operand  
Try 'mkdir --help' for more information.  
djsalman@cis106vm:~$ mkdir lab5  
mkdir: cannot create directory 'lab5': File exists  
djsalman@cis106vm:~$ cd lab  
bash: cd: lab: No such file or directory  
djsalman@cis106vm:~$ cd lab5/  
djsalman@cis106vm:~/lab5$ mkdir pets docs songs  
mkdir: cannot create directory 'pets': File exists  
mkdir: cannot create directory 'docs': File exists  
mkdir: cannot create directory 'songs': File exists  
djsalman@cis106vm:~/lab5$ mkdir pets/old pets/new docs/old docs/new songs/old songs/new  
djsalman@cis106vm:~/lab5$ tree .
```

```
.  
├── docs  
│   ├── new  
│   └── old  
├── pers  
├── pets  
│   ├── new  
│   └── old  
└── songs  
    ├── new  
    └── old
```

10 directories, 0 files

```
djsalman@cis106vm:~/lab5$ touch pets/old/file1 pets/old/file2 pets/old/file3
```

```
djsalman@cis106vm:~/lab5$ touch pets/new/file1 pets/new/file2 pets/new/file3
```

```
1: djsalman@cis106vm: ~/lab5 ∨
```

```
├── new  
└── old
```

10 directories, 0 files

```
djsalman@cis106vm:~/lab5$ touch pets/old/file1 pets/old/file2 pets/old/file3
```

```
djsalman@cis106vm:~/lab5$ touch pets/new/file1 pets/new/file2 pets/new/file3
```

```
djsalman@cis106vm:~/lab5$ touch docs/old/file1 docs/old/file2 docs/old/file3
```

```
djsalman@cis106vm:~/lab5$ touch docs/new/file1 docs/new/file2 docs/new/file3
```

```
djsalman@cis106vm:~/lab5$ touch songs/old/file1 songs/old/file2 songs/old/file3
```

```
djsalman@cis106vm:~/lab5$ touch songs/new/file1 songs/new/file2 songs/new/file3
```

```
djsalman@cis106vm:~/lab5$ tree
```

```
.  
├── docs  
│   ├── new  
│   │   ├── file1  
│   │   ├── file2  
│   │   └── file3  
│   └── old  
│       ├── file1  
│       ├── file2  
│       └── file3  
├── pers  
├── pets  
│   ├── new  
│   │   ├── file1  
│   │   ├── file2  
│   │   └── file3  
│   └── old  
│       ├── file1  
│       └── file2
```

```

1: djsalman@cis106vm: ~/lab5
├── file1
├── file2
├── file3
├── old
│   ├── file1
│   ├── file2
│   └── file3
├── pers
├── pets
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
└── songs
    ├── new
    │   ├── file1
    │   ├── file2
    │   └── file3
    └── old
        ├── file1
        ├── file2
        └── file3

10 directories, 18 files
djsalman@cis106vm:~/lab5$

```

Question 2

```

1: djsalman@cis106vm: /srv
djsalman@cis106vm:~$ cd /srv/
djsalman@cis106vm:/srv$ rm /home/djsalman/lab5/pets/new/file1
djsalman@cis106vm:/srv$ rm /home/djsalman/lab5/pets/new/file2
djsalman@cis106vm:/srv$ rm /home/djsalman/lab5/pets/new/file3
djsalman@cis106vm:/srv$ rm ~/lab5/pets/
rm: cannot remove '/home/djsalman/lab5/pets/': Is a directory
djsalman@cis106vm:/srv$ rm -r ~/lab5/pets/
djsalman@cis106vm:/srv$ rm -r ~/lab5/docs/
djsalman@cis106vm:/srv$ rm -r ~/lab5/songs/
djsalman@cis106vm:/srv$ rmdir ~/lab5/
rmdir: failed to remove '/home/djsalman/lab5/': Directory not empty
djsalman@cis106vm:/srv$ rm -r ~/lab5/
djsalman@cis106vm:/srv$

```

Question 3

```

1: djsalman@cis106vm: ~
djsalman@cis106vm:~$ mkdir lab5-imgs lab5-audio lab5-video lab5-docs
djsalman@cis106vm:~$ mv lab5/image5.gif lab5/image1.jpeg lab5/image2.jpeg lab5-imgs/
djsalman@cis106vm:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/Silence.mp3 lab5-audio/
djsalman@cis106vm:~$ mv lab5/another.mp4 lab5/fileA.txt lab5/fileB.txt lab5/trivia.txt lab5/triviaXYZ.txt lab5/vita.txt lab5-docs/
djsalman@cis106vm:~$ mv lab5/image3.png lab5/image4.png lab5-imgs/
djsalman@cis106vm:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
djsalman@cis106vm:~$ mv lab5/ lab-5/
djsalman@cis106vm:~$

```

Question 4

```
1: djsalman@cis106vm: ~  
djsalman@cis106vm:~$ mkdir lab5-imgs lab5-audio lab5-video lab5-docs  
djsalman@cis106vm:~$ mv lab5/image5.gif lab5/image1.jpeg lab5/image2.jpeg lab5-imgs/  
djsalman@cis106vm:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/Silence.mp3 lab5-audio/  
djsalman@cis106vm:~$ mv lab5/another.mp4 lab5/fileA.txt lab5/fileB.txt lab5/trivia.txt lab5/triviaXYZ.txt lab5/vita.txt lab5-docs/  
djsalman@cis106vm:~$ mv lab5/image3.png lab5/image4.png lab5-imgs/  
djsalman@cis106vm:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers  
djsalman@cis106vm:~$ mv lab5/ lab-5/  
djsalman@cis106vm:~$ mv lab5/ Lab-5/  
mv: cannot stat 'lab5/': No such file or directory  
djsalman@cis106vm:~$ mv Downloads/pexels-photo-2246476.jpeg Pictures/NewWallpapers/  
djsalman@cis106vm:~$ mv Downloads/pexels-photo-3041110.jpeg Pictures/NewWallpapers/  
djsalman@cis106vm:~$ mv Downloads/pexels-photo-325185.webp Pictures/NewWallpapers/  
djsalman@cis106vm:~$ mv Downloads/pexels-photo-325185.webp Downloads/pexels-photo-3041110.jpeg Downloads/pexels-photo-2246476.jpeg P  
mv: cannot stat 'Downloads/pexels-photo-325185.webp': No such file or directory  
mv: cannot stat 'Downloads/pexels-photo-3041110.jpeg': No such file or directory  
mv: cannot stat 'Downloads/pexels-photo-2246476.jpeg': No such file or directory  
djsalman@cis106vm:~$ mv D  
Desktop/ Documents/ Downloads/  
djsalman@cis106vm:~$ mv Downloads/pexels-photo-844297.webp Downloads/new_dir/  
djsalman@cis106vm:~$ mv Downloads/pexels-photo-2559941.jpeg Downloads/new_dir/  
djsalman@cis106vm:~$ mv Downloads/pexels-photo-3454270.webp Downloads/new_dir/  
djsalman@cis106vm:~$ cp Downloads/new_dir/ Pictures/  
cp: -r not specified; omitting directory 'Downloads/new_dir/'  
djsalman@cis106vm:~$ cp -r Downloads/new_dir/ Pictures/  
djsalman@cis106vm:~$ rm -r Downloads/new_dir/  
djsalman@cis106vm:~$  
  
2: djsalman@cis106vm: ~/Downloads  
djsalman@cis106vm:~/Downloads$ ls new_dir/  
pexels-photo-2559941.jpeg pexels-photo-3454270.webp pexels-photo-844297.webp
```