

# Lab 5 Managing Files and Directories

## Question 1

```
linuxworkshop@cis106: ~/lab5
File Actions Edit View Help
linuxworkshop@cis106: ~/lab5
linuxworkshop@cis106:~$ pwd
/home/linuxworkshop
linuxworkshop@cis106:~$ mkdir lab5
linuxworkshop@cis106:~$ cd lab5/
linuxworkshop@cis106:~/lab5$ mkdir pets docs songs
linuxworkshop@cis106:~/lab5$ mkdir pets/new pets/old
linuxworkshop@cis106:~/lab5$ mkdir docs/new docs/old
linuxworkshop@cis106:~/lab5$ mkdir songs/new songs/old
linuxworkshop@cis106:~/lab5$ touch pets/new/file1 pets/new/file2 pets/new/file3
linuxworkshop@cis106:~/lab5$ touch pets/old/file1 pets/old/file2 pets/old/file3
linuxworkshop@cis106:~/lab5$ tree
.
├── docs
│   ├── new
│   └── old
├── pets
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
└── songs
    ├── new
    └── old
```

```
linuxworkshop@cis106: ~/lab5
File Actions Edit View Help
linuxworkshop@cis106: ~/lab5
linuxworkshop@cis106:~/lab5$ tree
.
├── docs
│   ├── new
│   └── old
├── pets
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
├── songs
│   ├── new
│   └── old
└── 9 directories, 6 files
linuxworkshop@cis106:~/lab5$ |
```

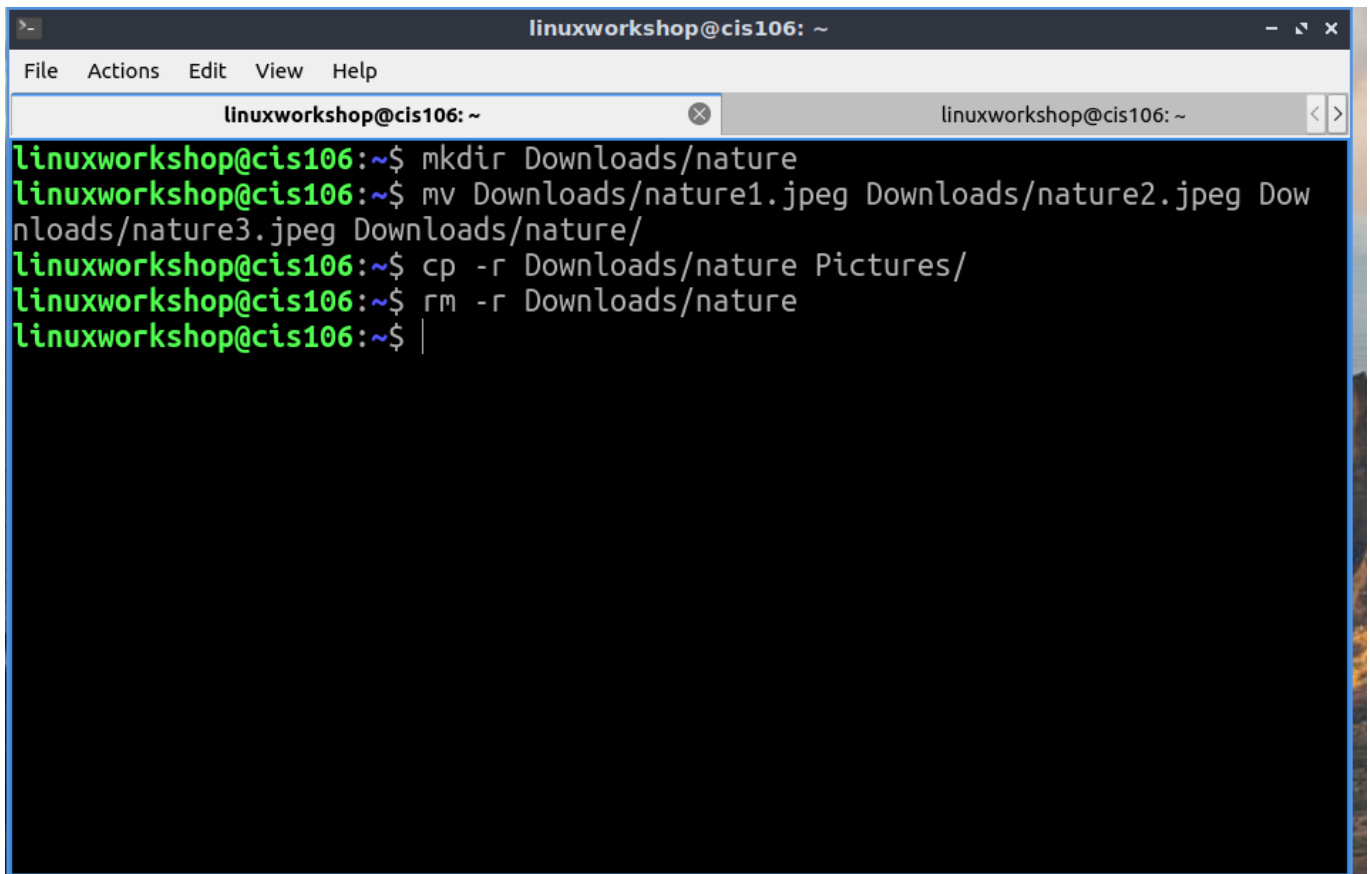
## Question 2

```
linuxworkshop@cis106: /srv
File Actions Edit View Help
linuxworkshop@cis106: /srv linuxworkshop@cis106: ~
linuxworkshop@cis106:~$ cd /srv
linuxworkshop@cis106:/srv$ rm ~/lab5/pets/new/file1 ~/lab5/pets/new/file2 ~/lab5/pets/new/file3
linuxworkshop@cis106:/srv$ rm ~/lab5/pets/
rm: cannot remove '/home/linuxworkshop/lab5/pets/': Is a directory
linuxworkshop@cis106:/srv$ rmdir ~/lab5/pets/
rmdir: failed to remove '/home/linuxworkshop/lab5/pets/': Directory not empty
linuxworkshop@cis106:/srv$ rm -r ~/lab5/pets/
linuxworkshop@cis106:/srv$ rm -r ~/lab5/*
linuxworkshop@cis106:/srv$ rm -r ~/lab5/
linuxworkshop@cis106:/srv$ |
```

## Question 3

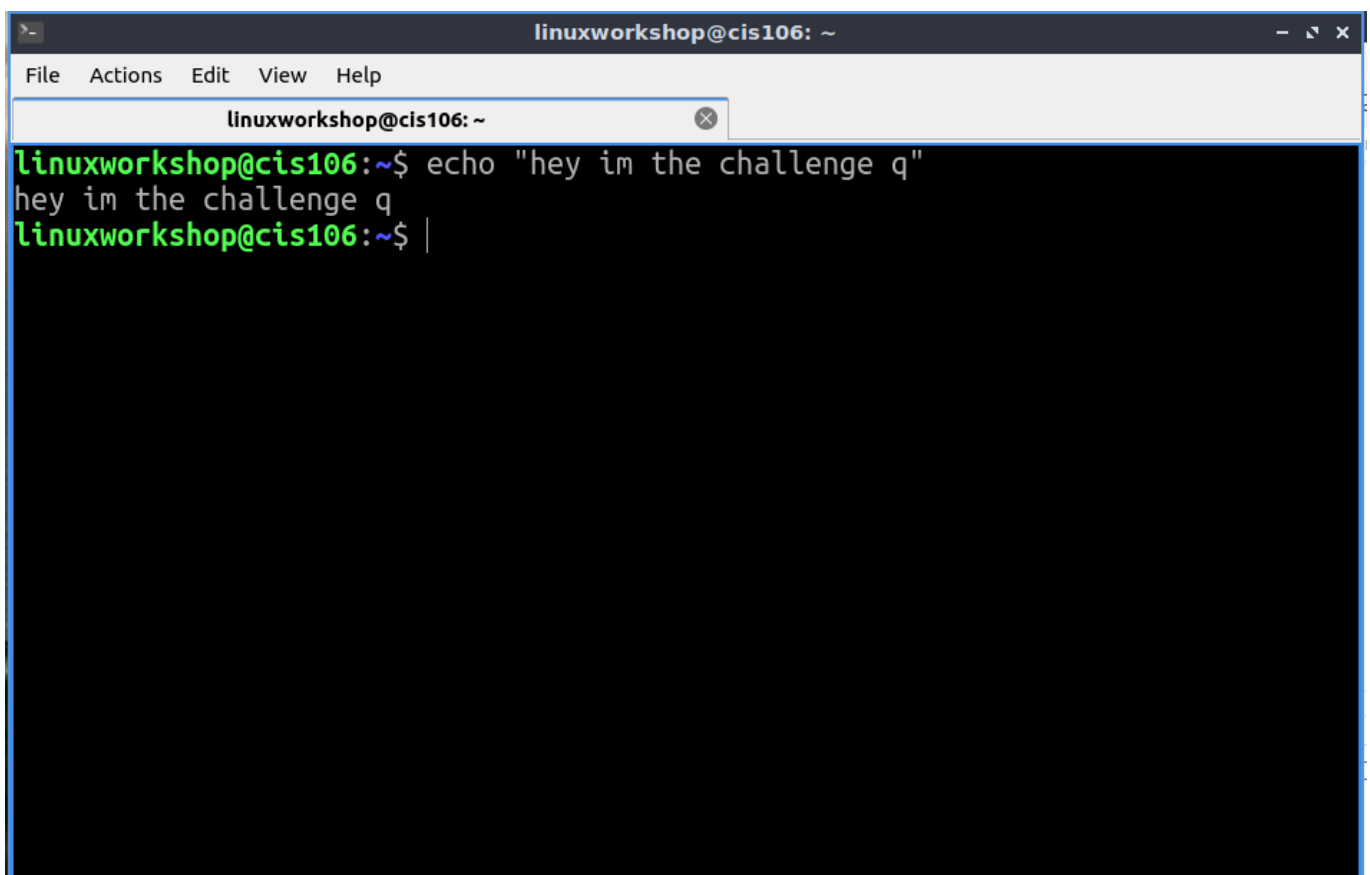
```
linuxworkshop@cis106: ~
File Actions Edit View Help
linuxworkshop@cis106: ~ linuxworkshop@cis106: ~
linuxworkshop@cis106:~$ mkdir lab5-imgs lab5-audio lab5-video lab5-docs
linuxworkshop@cis106:~$ ls
cis106-sp22 Downloads lab5-docs Music Templates
Desktop lab5 lab5-imgs Pictures Videos
Documents lab5-audio lab5-video Public
linuxworkshop@cis106:~$ mv lab5/audio.mp3 lab5/Silence.mp3 lab5/song.mp3 lab5-audio/
linuxworkshop@cis106:~$ mv lab5/wallpaperslab5/ Pictures/
linuxworkshop@cis106:~$ mv Pictures/wallpaperslab5/ Pictures/NewWallpapers
linuxworkshop@cis106:~$ mv lab5
lab5/ lab5-audio/ lab5-docs/ lab5-imgs/ lab5-video/
linuxworkshop@cis106:~$ mv lab5 lab-5
linuxworkshop@cis106:~$ |
```

## Question 4



```
linuxworkshop@cis106: ~  
File Actions Edit View Help  
linuxworkshop@cis106: ~  
linuxworkshop@cis106:~$ mkdir Downloads/nature  
linuxworkshop@cis106:~$ mv Downloads/nature1.jpeg Downloads/nature2.jpeg Downloads/nature3.jpeg Downloads/nature/  
linuxworkshop@cis106:~$ cp -r Downloads/nature Pictures/  
linuxworkshop@cis106:~$ rm -r Downloads/nature  
linuxworkshop@cis106:~$ |
```

## Challenge Question



```
linuxworkshop@cis106: ~  
File Actions Edit View Help  
linuxworkshop@cis106: ~  
linuxworkshop@cis106:~$ echo "hey im the challenge q"  
hey im the challenge q  
linuxworkshop@cis106:~$ |
```