

Lab 5 Managing files and directories

Question 1

```
katy@cis106: ~/lab5

katy@cis106:~$ mkdir lab5
katy@cis106:~$ cd lab5
katy@cis106:~/lab5$ mkdir -p {pets,docs,songs}/{new,old}
katy@cis106:~/lab5$ touch docs/new/file{1,2,3}
katy@cis106:~/lab5$ touch docs/old/file{1,2,3}
katy@cis106:~/lab5$ touch pets/old/file{1,2,3}
katy@cis106:~/lab5$ touch pets/new/file{1,2,3}
katy@cis106:~/lab5$ touch songs/new/file{1,2,3}
katy@cis106:~/lab5$ touch songs/old/file{1,2,3}
katy@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
katy@cis106:~/lab5$
```

Question 2

katy@cis106: ~/lab5

```
katy@cis106:~/lab5$ cd /srv/
katy@cis106:/srv$ rm ~/lab5/pets/new/file{1,2,3}
katy@cis106:/srv$ rm -r ~/lab5/pets/
katy@cis106:/srv$ rm -r ~/lab5/docs ~/lab5/songs/
katy@cis106:/srv$ rm -r ~/lab5
katy@cis106:/srv$
```

Question 3

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

Question 4

```
katy@cis106:~$ mv lab5/ lab-5
katy@cis106:~$ ls Downloads/
background.jpg
lab4files.zip
pexels-bithin-raj-2763927.jpg
pexels-eberhard-grossgasteiger-1287145.jpg
pexels-pixabay-2150.jpg
practicels.tar.xz
'Screenshot 2022-02-25 at 16-35-53 Wallpaper hd - best hd wallpapers for pc free picture.png'
'The LS command Cheat Sheet.png'
wallpaper.jpg
katy@cis106:~$ cp Downloads/pexels-bithin-raj-2763927.jpg Downloads/pexels-eberhard-grossgasteiger-1287145.jpg Downloads/pexels-pixabay-2150.jpg Pictures/NewWallpapers/

katy@cis106:~$ mkdir Downloads/Nature
katy@cis106:~$ ls
cis106      Downloads      lab-5          lab5-imgs      Pictures        share          Videos
Desktop    lab4files      lab5-audio     lab5-video     practicels     snap
Documents  lab4files.zip  lab5-docs     Music          Public          Templates
katy@cis106:~$ ls Downloads/
background.jpg
Clips
lab4files.zip
Nature
nature1.jpg
nature2.jpg
nature3.jpg
pexels-bithin-raj-2763927.jpg
pexels-eberhard-grossgasteiger-1287145.jpg
pexels-pixabay-2150.jpg
practicels.tar.xz
'Screenshot 2022-02-25 at 16-35-53 Wallpaper hd - best hd wallpapers for pc free picture.png'
'The LS command Cheat Sheet.png'
wallpaper.jpg
katy@cis106:~$ mv Downloads/nature1.jpg Downloads/nature2.jpg Downloads/nature3.jpg Downloads/Nature/
katy@cis106:~$ ls Downloads/
background.jpg
Clips
lab4files.zip
Nature
pexels-bithin-raj-2763927.jpg
pexels-eberhard-grossgasteiger-1287145.jpg
pexels-pixabay-2150.jpg
practicels.tar.xz
'Screenshot 2022-02-25 at 16-35-53 Wallpaper hd - best hd wallpapers for pc free picture.png'
'The LS command Cheat Sheet.png'
wallpaper.jpg
katy@cis106:~$ █
```

```
katy@cis106: ~
katy@cis106:~$ cp -r Downloads/Nature/ Pictures/
katy@cis106:~$ rm -r Downloads/Nature/
katy@cis106:~$ █
```

Challenge question

