

Lab 5 Managing Files and Directories

Question 1

```
ssgunthrope@cis106vm:~$ mkdir lab5
ssgunthrope@cis106vm:~$ cd lab5/
ssgunthrope@cis106vm:~/lab5$ mkdir -p pets/new pets/old
ssgunthrope@cis106vm:~/lab5$ mkdir -p docs/new docs/old
ssgunthrope@cis106vm:~/lab5$ mkdir -p songs/new songs/old
ssgunthrope@cis106vm:~/lab5$ touch pets/new/file1 pets/new/file2 pets/new/file3
ssgunthrope@cis106vm:~/lab5$ touch docs/new/file1 docs/new/file2 docs/new/file3
ssgunthrope@cis106vm:~/lab5$ touch songs/new/file1 songs/new/file2 songs/new/file3
ssgunthrope@cis106vm:~/lab5$ touch pets/old/file1 pets/old/file2 pets/old/file3
ssgunthrope@cis106vm:~/lab5$ touch docs/old/file1 docs/old/file2 docs/old/file3
ssgunthrope@cis106vm:~/lab5$ touch songs/old/file1 songs/old/file2 songs/old/file3
ssgunthrope@cis106vm:~/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
ssgunthrope@cis106vm:~/lab5$
```

Question 2

```

ssgunthrope@cis106vm:~$ cd /srv/
ssgunthrope@cis106vm:/srv$ rm ~/lab5/pets/new/file1 file2
rm: cannot remove 'file2': No such file or directory
ssgunthrope@cis106vm:/srv$ rm ~/lab5/pets/new/file2
ssgunthrope@cis106vm:/srv$ rm ~/lab5/pets/new/file3
ssgunthrope@cis106vm:/srv$ rm -r ~/lab5/pets/
ssgunthrope@cis106vm:/srv$ rm -r ~/lab5/docs/ ~/lab5/songs/
ssgunthrope@cis106vm:/srv$ rm -d ~/lab5/
ssgunthrope@cis106vm:/srv$ _

```

Question 3

```

rm: cannot remove 'lab5.zip': No such file or directory
ssgunthrope@cis106vm:~$ mkdir lab5-imgs
ssgunthrope@cis106vm:~$ mkdir lab5-audio lab5-video lab5-docs

ssgunthrope@cis106vm:~$ ls -x lab5
another.mp4  audio.mp3  fileA.txt  fileB.txt  image1.jpeg
image2.jpeg  image3.png  image4.png  image5.gif  Pexels.mp4  Silence.mp3
ssgunthrope@cis106vm:~$ mv lab5/image1.jpeg lab5/image2.jpeg lab5/image3.png lab5/image4.png lab5/image5.gif lab5-imgs/
ssgunthrope@cis106vm:~$ ls -x lab5
another.mp4  audio.mp3  fileA.txt  fileB.txt  Pexels.mp4  Silence.mp3  song.mp3  trivia.txt  triviaXYZ.txt  Videoleaf.mp4  vita.txt  wallpaperslab5
ssgunthrope@cis106vm:~$ mv lab5/audio.mp3 lab5/Silence.mp3 lab5/song.mp3 lab5-audio/
ssgunthrope@cis106vm:~$ ls -x lab5
another.mp4  fileA.txt  fileB.txt  Pexels.mp4  trivia.txt  triviaXYZ.txt  Videoleaf.mp4  vita.txt  wallpaperslab5
ssgunthrope@cis106vm:~$ mv lab5/another.mp4 lab5/Pexels.mp4 lab5/Videoleaf.mp4 lab5-video/
ssgunthrope@cis106vm:~$ ls -x lab5
fileA.txt  fileB.txt  fileC.txt  trivia.txt  triviaXYZ.txt  vita.txt  wallpaperslab5
ssgunthrope@cis106vm:~$ mv lab5/fileA.txt lab5/fileB.txt lab5/fileC.txt lab5/trivia.txt lab5/triviaXYZ.txt lab5/vita.txt lab5-docs/
ssgunthrope@cis106vm:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
ssgunthrope@cis106vm:~$ mv lab5 Lab-5

```

Question 4

```

sgunthrope@cis106vm:~$ ls Downloads/
funstuff      oil                                practicels.tar.xz
Games1        pexels-eberhard-grossgasteiger-1624496.jpg  sample1.doc
Games2        pexels-eberhard-grossgasteiger-443446.jpg  sample1.pdf
lab4files.zip pexels-pixabay-36717.jpg                sample3.xls
mygames       'practicels.tar(1).xz'                'week report.png'
sgunthrope@cis106vm:~$ cp Downloads/pexels-eberhard-grossgasteiger-1624496.jpg Pictures/NewWallpapers/
sgunthrope@cis106vm:~$ cp Downloads/pexels-eberhard-grossgasteiger-443446.jpg Pictures/NewWallpapers/
sgunthrope@cis106vm:~$ cp Downloads/pexels-pixabay-36717.jpg Pictures/NewWallpapers/
sgunthrope@cis106vm:~$ mkdir Downloads/wallpapers

ssgunthrope@cis106vm:~$ mv Downloads/pexels-bess-hamiti-36487.jpg Downloads/wallpapers/
ssgunthrope@cis106vm:~$ cd Downloads/
ssgunthrope@cis106vm:~/Downloads$ mv pexels-pixabay-4
mv: missing destination file operand after 'pexels-pixabay-4'
Try 'mv --help' for more information.
ssgunthrope@cis106vm:~/Downloads$ mv pexels-pixabay-414144.jpg wallpapers/
ssgunthrope@cis106vm:~/Downloads$ mv pexels-steve-johnson-1266808.jpg wallpapers/

ssgunthrope@cis106vm:~/Downloads$ cp -r wallpapers/ ~/Pictures/
ssgunthrope@cis106vm:~/Downloads$ rm -r wallpapers/
ssgunthrope@cis106vm:~/Downloads$

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