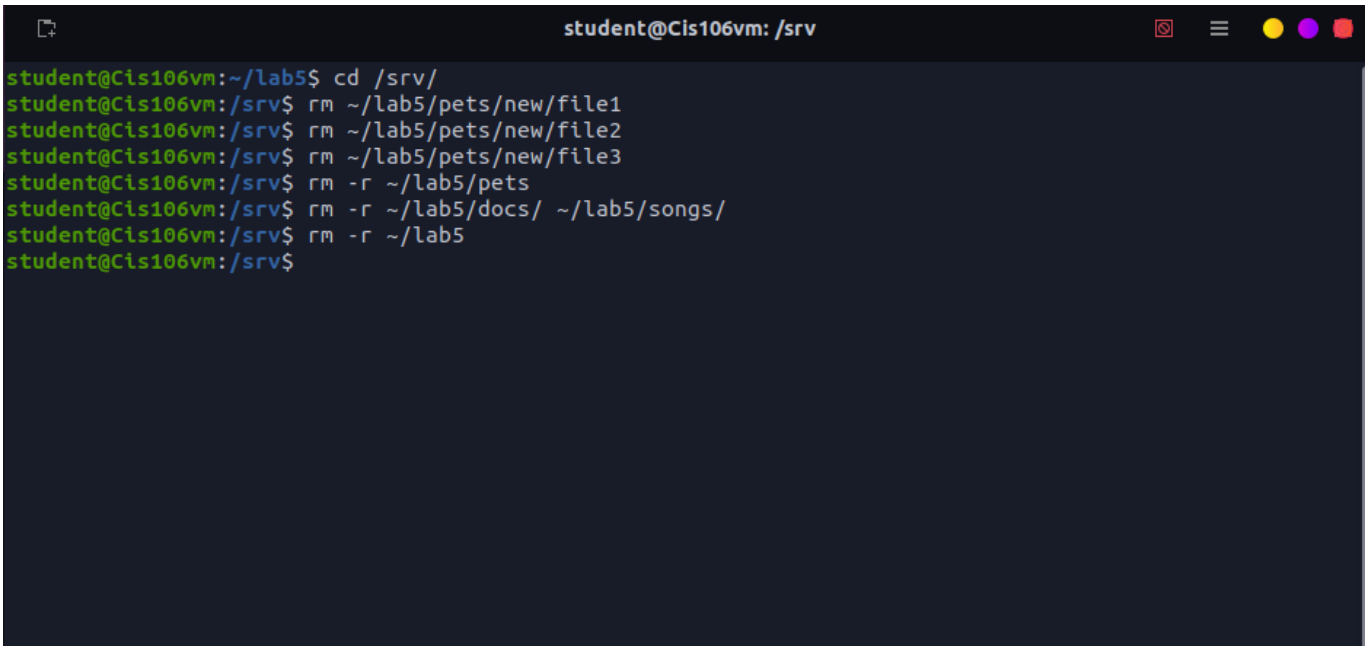
Lab 5 Managing Files and Directories

Question 1

```
student@Cis106vm:~$ pwd
/home/student
student@Cis106vm:~$ mkdir lab5
student@Cis106vm:~$ cd lab5
student@Cis106vm:~/lab5$ mkdir pets docs songs
student@Cis106vm:~/lab5$ mkdir pets/old pets/new
student@Cis106vm:~/lab5$ mkdir docs/old docs/new
student@Cis106vm:~/lab5$ mkdir songs/old songs/new
student@Cis106vm:~/lab5$ touch pets/old/file1
student@Cis106vm:~/lab5$ touch pets/old/file2
student@Cis106vm:~/lab5$ touch pets/old/file3
student@Cis106vm:~/lab5$ touch pets/new/file1
student@Cis106vm:~/lab5$ touch pets/new/file2
student@Cis106vm:~/lab5$ touch pets/new/file3
student@Cis106vm:~/lab5$ touch docs/old/file1
student@Cis106vm:~/lab5$ touch docs/old/file2
student@Cis106vm:~/lab5$ touch docs/old/file3
student@Cis106vm:~/lab5$ touch docs/new/file1
student@Cis106vm:~/lab5$ touch docs/new/file2
student@Cis106vm:~/lab5$ touch docs/new/file3
student@Cis106vm:~/lab5$ touch songs/old/file1
student@Cis106vm:~/lab5$ touch songs/old/file2
student@Cis106vm:~/lab5$ touch songs/old/file3
student@Cis106vm:~/lab5$ touch songs/new/file1
student@Cis106vm:~/lab5$ touch songs/new/file2
student@Cis106vm:~/lab5$ touch songs/new/file3
student@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
student@Cis106vm:~/lab5$
```

Question 2

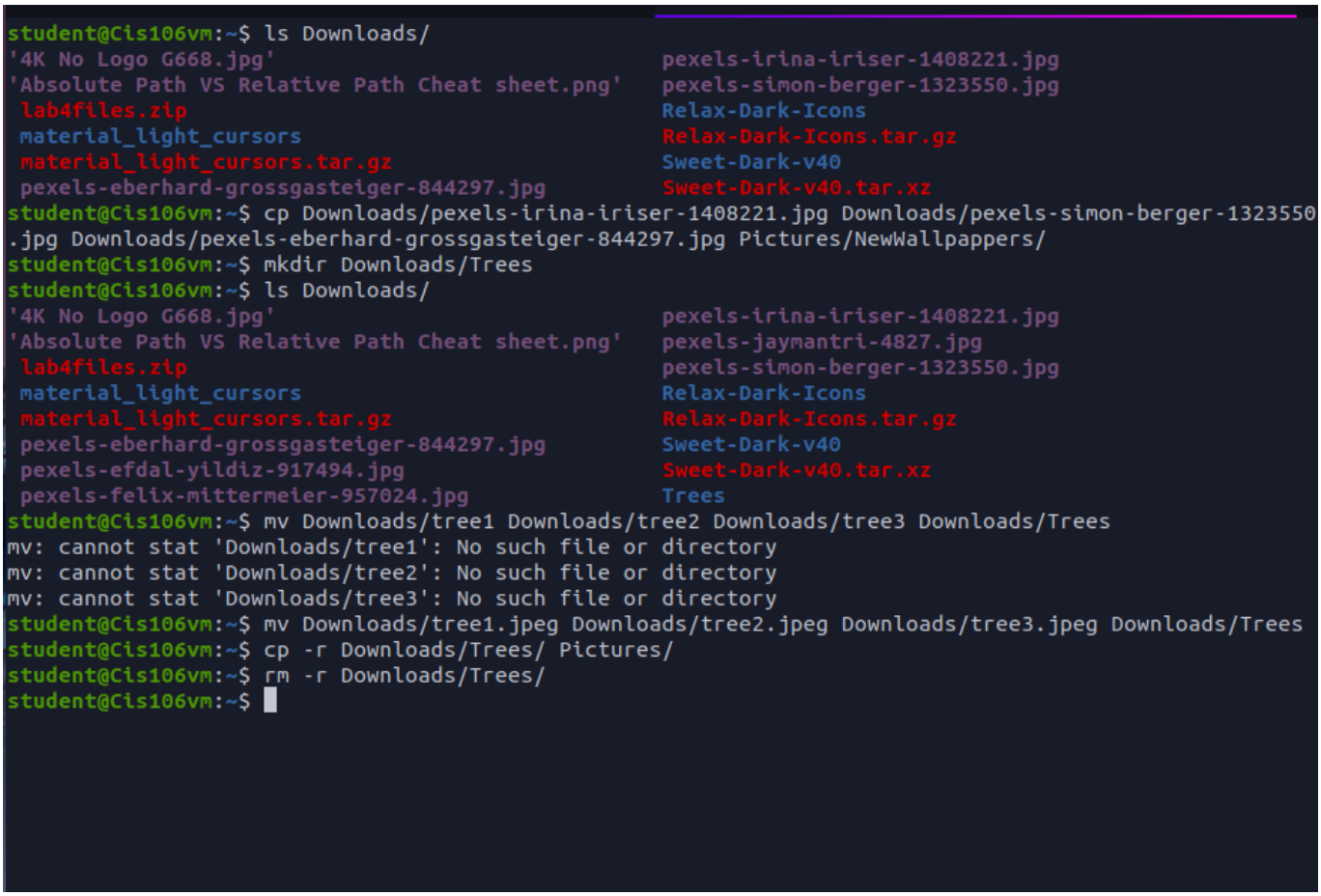

student@Cis106vm: /srv
student@Cis106vm:~/lab5$ cd /srv/
student@Cis106vm:/srv$ rm ~/lab5/pets/new/file1
student@Cis106vm:/srv$ rm ~/lab5/pets/new/file2
student@Cis106vm:/srv$ rm ~/lab5/pets/new/file3
student@Cis106vm:/srv$ rm -r ~/lab5/pets
student@Cis106vm:/srv$ rm -r ~/lab5/docs/ ~/lab5/songs/
student@Cis106vm:/srv$ rm -r ~/lab5
student@Cis106vm:/srv$

Question 3

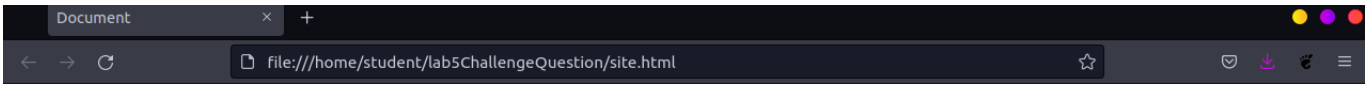
```
student@Cis106vm:~$ ls lab5
another.mp4  fileA.txt    image2.jpeg  image5.gif   song.mp3       Videoleaf.mp4
audio.mp3    fileB.txt    image3.png   Pexels.mp4   trivia.txt     vita.txt
filea.txt    image1.jpeg  image4.png   Silence.mp3  triviaXYZ.txt  wallpaperslab5
student@Cis106vm:~$ ls -1X lab5
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
student@Cis106vm:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/Silence.mp3 lab5-aduio/
mv: target 'lab5-aduio/' is not a directory
student@Cis106vm:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/Silence.mp3 lab5-audio/
student@Cis106vm:~$ ls -1X lab5
wallpaperslab5
image5.gif
image1.jpeg
image2.jpeg
another.mp4
Pexels.mp4
Videoleaf.mp4
image3.png
image4.png
filea.txt
fileA.txt
fileB.txt
trivia.txt
triviaXYZ.txt
vita.txt
student@Cis106vm:~$ mv lab5/filea.txt lab5/fileA.txt lab5/fileB.txt lab5/trivia.txt lab5/triviaXYZ.txt
lab5/vita.txt lab5-docs/
student@Cis106vm:~$ ls -1X lab5
wallpaperslab5
image5.gif
image1.jpeg
image2.jpeg
another.mp4
Pexels.mp4
Videoleaf.mp4
image3.png
image4.png
student@Cis106vm:~$ mv lab5/image1.jpeg lab5/image2.jpeg lab5/image3.png lab5/image4.png lab5/image5.gi
f lab5-imgs/
student@Cis106vm:~$ ls -1X lab5
wallpaperslab5
another.mp4
Pexels.mp4
Videoleaf.mp4
student@Cis106vm:~$ mv lab5/another.mp4 lab5/Pexels.mp4 lab5/Videoleaf.mp4 lab5-video/
```

```
student@Cis106vm:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpappers
student@Cis106vm:~$ mv lab5/ lab-5
student@Cis106vm:~$
```

Question 4



Challenge Question



Challenge Question Lab 5

```
student@Cis106vm: ~                                    student@Cis106vm: ~
student@Cis106vm:~$ mkdir lab5ChallengeQuestion assets
student@Cis106vm:~$ ls Downloads/
'4K No Logo G668.jpg'     pexels-pixabay-53435.jpg   Sweet-Dark-v40
 material_light_cursors   Relax-Dark-Icons
student@Cis106vm:~$ mv Downloads/pexels-pixabay-53435.jpg assets/newPicture.png
student@Cis106vm:~$ touch lab
lab4files/             lab5-audio/           lab5-docs/             lab5-video/
lab-5/                 lab5ChallengeQuestion/ lab5-imgs/
student@Cis106vm:~$ touch lab
lab4files/             lab5-audio/           lab5-docs/             lab5-video/
lab-5/                 lab5ChallengeQuestion/ lab5-imgs/
student@Cis106vm:~$ touch lab5ChallengeQuestion/site.html
student@Cis106vm:~$
```