

Lab5

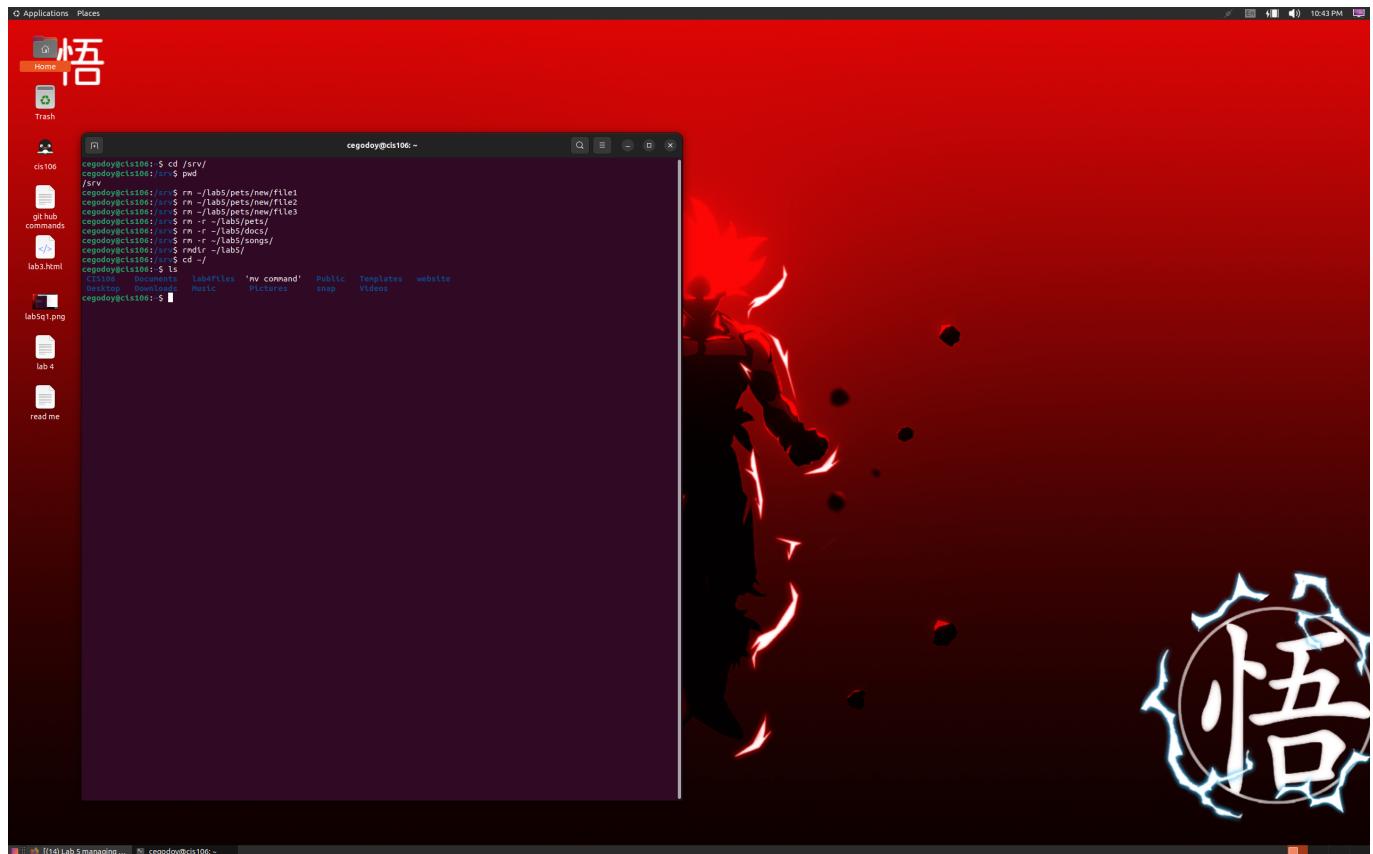
Question 1

The screenshot shows a Linux desktop environment with a red background. On the left is a dock with icons for Home, Places, Trash, cist06, git hub commands, lab3.html, lab4, and read me. A terminal window titled 'Lab 5 - Managing Files and Directories' is open, showing the following command history:

```
cegodoy@cis106:~/labs$ touch pets/old/file1 pets/old/file2 pets/old/file3
cegodoy@cis106:~/labs$ touch pets/new/file1 pets/new/file2 pets/new/file3
cegodoy@cis106:~/labs$ tree .
.
├── docs
│   ├── new
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
└── pets
    ├── new
    │   ├── file1
    │   ├── file2
    │   └── file3
    └── old
        ├── file1
        ├── file2
        └── file3
.
.
.
9 directories, 6 files
```

To the right of the terminal is a web browser window displaying the 'Linux Fundamentals' page from cis106.com. The page has sections for 'Creating Files and Directories', 'Removing Files and Directories', and 'Moving Files and Directories'. It includes instructions and screenshots related to file management tasks.

Question 2



Question 3

```
1: cegodoy@cis106:~$ pwd
/home/cegodoy
cegodoy@cis106:~$ ls
CIS106  Downloads  lab5-audio  lab5-video  Pictures  Templates
Desktop  lab4files  lab5-docs   Music       Public    Videos
Documents lab5      lab5-imgs  'mv command' snap     website
cegodoy@cis106:~$ mv lab5/image1.jpeg lab5/image2.jpeg lab5/image3.png lab5/image5.gif
mv: target 'lab5/image5.gif' is not a directory
cegodoy@cis106:~$ mv lab5/image5.gif
mv: missing destination file operand after 'lab5/image5.gif'
Try 'mv --help' for more information.
cegodoy@cis106:~$ ls
CIS106  Documents  lab4files  lab5-audio  lab5-imgs  Music       Pictures  snap     Videos
Desktop  Downloads  lab5      lab5-docs   lab5-video  'mv command' Public    Templates  website
cegodoy@cis106:~$ mv lab5/image1.jpeg lab5/image2.jpeg lab5/image3.png lab5/image5.gif lab5/imgs/
cegodoy@cis106:~$ mv lab5/another.mp4 lab5/audio.mp3 lab5/Pexels.mp4 lab5/Videoleaf.mp4 lab5/Silence.mp3 lab5/song.mp3 lab5-aud
o/
cegodoy@cis106:~$ mv lab5/image4.png lab5-imgs/
cegodoy@cis106:~$ mv lab5-audio/another.mp4 lab5-audio/Pexels.mp4 lab5-audio/Videoleaf.mp4 lab5-video/
cegodoy@cis106:~$ mv lab5/filea.txt lab5/fileA.txt lab5/fileB.txt lab5/trivia.txt lab5/triviaXYZ.txt lab5/vita.txt lab5-docs/
cegodoy@cis106:~$ mv lab5/wallpaperslab5/ Pictures/Newwallpapers
cegodoy@cis106:~$ mv lab5/ Lab-5/
cegodoy@cis106:~$ _
```



```
2: cegodoy@cis106:~$ 
└── keyboard.jpeg
   └── pc.jpeg

1 directory, 9 files
cegodoy@cis106:~$ tree lab5
lab5
└── wallpaperslab5
    ├── cpu.jpeg
    ├── keyboard.jpeg
    └── pc.jpeg

1 directory, 3 files
cegodoy@cis106:~$ tree files
files [error opening dir]

0 directories, 0 files
cegodoy@cis106:~$ tree lab5
lab5

0 directories, 0 files
cegodoy@cis106:~$ ls
CIS106  Documents  lab4files  lab5-audio  lab5-imgs  Music       Pictures  snap     Videos
Desktop  Downloads  Lab-5      lab5-docs   lab5-video  'mv command' Public    Templates  website
cegodoy@cis106:~$ _
```

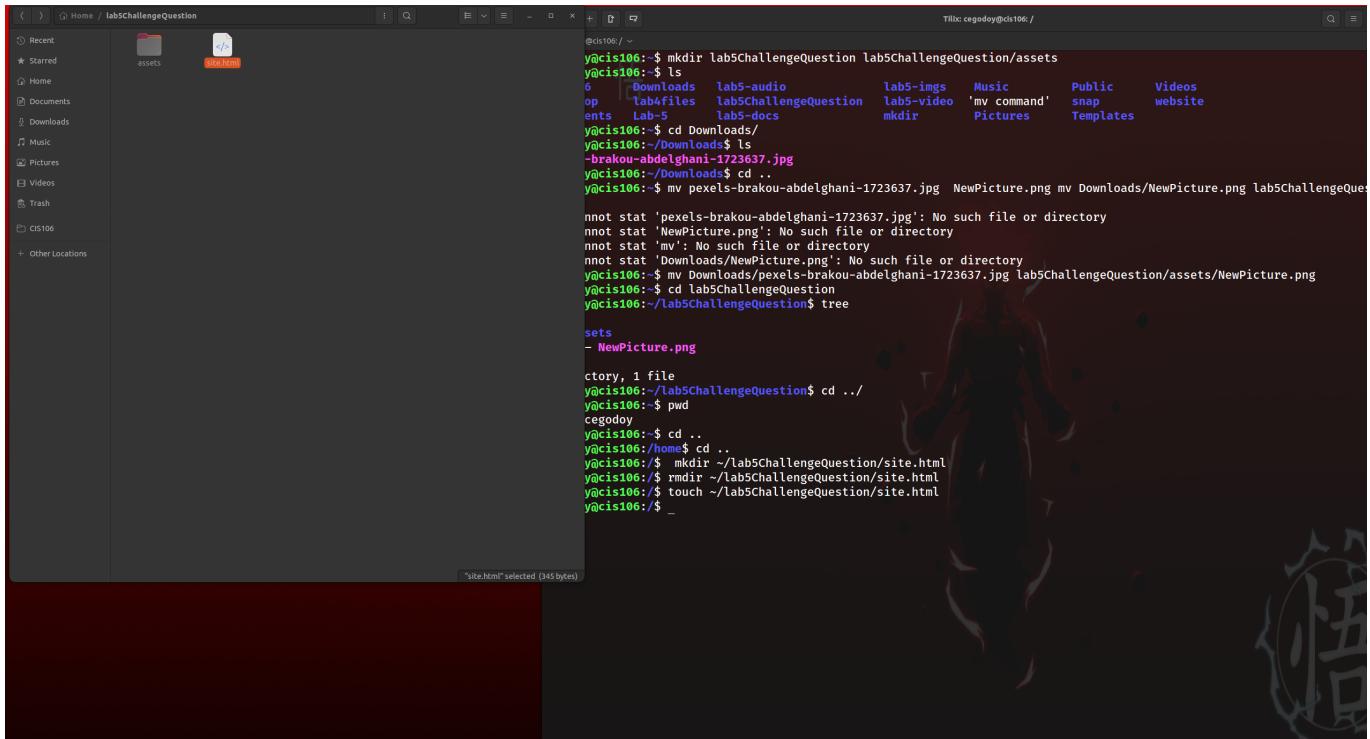
Question 4

```
1: cegodoy@cis106: ~/Downloads
cegodoy@cis106:~/Downloads$ mkdir new
cegodoy@cis106:~/Downloads$ ls
new New pexels-maxime-francis-2246476.jpg pexels-pixabay-461940.jpg pexels-vitali-adutskevich-17431293.jpg
cegodoy@cis106:~/Downloads$ mkdir dire
cegodoy@cis106:~/Downloads$ ls
dire new New pexels-maxime-francis-2246476.jpg pexels-pixabay-461940.jpg pexels-vitali-adutskevich-17431293.jpg
cegodoy@cis106:~/Downloads$ rm -r new New dire
cegodoy@cis106:~/Downloads$ ls
pexels-maxime-francis-2246476.jpg pexels-pixabay-461940.jpg pexels-vitali-adutskevich-17431293.jpg
cegodoy@cis106:~/Downloads$ mkdir New
cegodoy@cis106:~/Downloads$ ls
New pexels-maxime-francis-2246476.jpg pexels-pixabay-461940.jpg pexels-vitali-adutskevich-17431293.jpg
cegodoy@cis106:~/Downloads$ ls
New
cegodoy@cis106:~/Downloads$ cd new/
bash: cd: new/: No such file or directory
cegodoy@cis106:~/Downloads$ cd new
bash: cd: new: No such file or directory
cegodoy@cis106:~/Downloads$ cd New
cegodoy@cis106:~/Downloads/New$ ls
pexels-maxime-francis-2246476.jpg pexels-pixabay-461940.jpg pexels-vitali-adutskevich-17431293.jpg
cegodoy@cis106:~/Downloads/New$ cd ..
cegodoy@cis106:~/Downloads$ ls
cegodoy@cis106:~/Downloads$ _
```



```
2: cegodoy@cis106: ~
cegodoy@cis106:~/Downloads$ 
cegodoy@cis106:~/Downloads$ 
cegodoy@cis106:~/Downloads$ 
cegodoy@cis106:~/Downloads$ 
cegodoy@cis106:~/Downloads$ 
cegodoy@cis106:~/Downloads$ 
cegodoy@cis106:~/Downloads$ 
cegodoy@cis106:~/Downloads$ 
cegodoy@cis106:~/Downloads$ 
cegodoy@cis106:~/Downloads$ cd ..
cegodoy@cis106:~$ mv Downloads/pexels-maxime-francis-2246476.jpg Downloads/pexels-pixabay-461940.jpg Downloads/pexels-vitali-adutskevich-17431293.jpg Downloads/New/
cegodoy@cis106:~$ ls
CIS106 Documents lab4files lab5-audio lab5-imgs Music Pictures snap Videos
Desktop Downloads Lab-5 lab5-docs lab5-video 'mv command' Public Templates website
cegodoy@cis106:~$ cp -r Downloads/New/ Pictures/
cegodoy@cis106:~$ cd Pictures
cegodoy@cis106:~/Pictures$ ls
me.jpg Screenshot-11.png Screenshot-2.png Screenshot-6.png 'Screenshot from 2023-10-04 19-31-10.png'
New Screenshot-12.png Screenshot-3.png Screenshot-7.png 'Screenshot from 2023-10-11 15-19-08.png'
NewWallpapers Screenshot-13.png Screenshot-4.png Screenshot-8.png Screenshot.png
Screenshot-10.png Screenshot-1.png Screenshot-5.png Screenshot-9.png Screenshots
cegodoy@cis106:~/Pictures$ cd ..
cegodoy@cis106:~$ rm -r Downloads/New/
cegodoy@cis106:~$ _
```

Question 5



The screenshot shows a terminal window titled 'Tilt: cegodoy@cis106: /'. The user is navigating through a directory structure related to a challenge question. They create a directory 'lab5ChallengeQuestion' and move into it. Inside, they create sub-directories like 'lab5-audio', 'lab5-imgs', 'lab5-video', 'Music', 'Public', 'Videos', 'lab5-docs', 'mkdir', 'Pictures', and 'Templates'. They then move to the 'Downloads' directory and rename a file from 'pixels-brakou-abdelghani-1723637.jpg' to 'NewPicture.png'. They then move back up to the parent directory and run 'tree' to show the directory structure. Finally, they move to their home directory and create a file named 'site.html'.

```
@cis106:~$ mkdir lab5ChallengeQuestion lab5ChallengeQuestion/assets
y@cis106:~$ ls
6   Downloads  lab5-audio    lab5-imgs  Music    Public    Videos
op  labafiles  lab5ChallengeQuestion  lab5-video 'my command' snap    website
ents  lab5-docs  mkdir      Pictures   Templates
y@cis106:~$ cd Downloads/
y@cis106:~/Downloads$ ls
pixels-brakou-abdelghani-1723637.jpg
y@cis106:~/Downloads$ mv pixels-brakou-abdelghani-1723637.jpg NewPicture.png
y@cis106:~/Downloads$ mv NewPicture.png lab5ChallengeQuestion/assets/NewPicture.png
y@cis106:~/lab5ChallengeQuestion$ tree
.
+-- sets
    +-- NewPicture.png

ctory, 1 file
y@cis106:~/Lab5ChallengeQuestion$ cd ..
y@cis106:~$ pwd
cegodoy
y@cis106:~$ cd ..
y@cis106:~/home$ cd ..
y@cis106:~/home$ touch site.html
y@cis106:~/home$ rm site.html
y@cis106:~/home$ touch site.html
y@cis106:~/home$ _
```

Challenge Question Lab 5