

Lab 5 Managing files and directories

Question 1

```
[cis106@cis106-standardpci440fxpiix1996 ~]$ mkdir lab5
[cis106@cis106-standardpci440fxpiix1996 ~]$ cd lab5
[cis106@cis106-standardpci440fxpiix1996 lab5]$ mkdir -p {pets,dogs,songs}/{new,old}
[cis106@cis106-standardpci440fxpiix1996 lab5]$ for i in {pets,dogs,songs}/{new,old};do touch "$i"/file{1,2,3};done
[cis106@cis106-standardpci440fxpiix1996 lab5]$ tree
```

```
.
├── dogs
│   ├── 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

Question 2

```
x - ↵ [🔍] cis106@cis106-standardpci440fxpiix1996:/srv/
[cis106@cis106-standardpci440fxpiix1996 ~]$ cd /srv/
[cis106@cis106-standardpci440fxpiix1996 srv]$ rm ~/lab5/pets/new/file1
[cis106@cis106-standardpci440fxpiix1996 srv]$ rm ~/lab5/pets/new/file2
[cis106@cis106-standardpci440fxpiix1996 srv]$ rm ~/lab5/pets/new/file3
[cis106@cis106-standardpci440fxpiix1996 srv]$ rm ~/lab5/pets/
rm: cannot remove '/home/cis106/lab5/pets/': Is a directory
[cis106@cis106-standardpci440fxpiix1996 srv]$ rm -r ~/lab5/pets/
[cis106@cis106-standardpci440fxpiix1996 srv]$ rm -r ~/lab5/dogs/ ~/lab5/songs/
[cis106@cis106-standardpci440fxpiix1996 srv]$ rm -r ~/lab5
[cis106@cis106-standardpci440fxpiix1996 srv]$
```

Question 3

```

x  -  +  [🔍]  cis106@cis106-standardpci440fxpiix1996:~

[cis106@cis106-standardpci440fxpiix1996 ~]$ wget https://cis106.com/assets/lab5.zip && unzip lab5.zip && rm lab5.zip
--2022-03-27 16:43:31-- https://cis106.com/assets/lab5.zip
Loaded CA certificate '/etc/ssl/certs/ca-certificates.crt'
Resolving cis106.com (cis106.com)... 185.199.108.153
Connecting to cis106.com (cis106.com)|185.199.108.153|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 4210527 (4.0M) [application/zip]
Saving to: 'lab5.zip'

lab5.zip          100%[=====] 4.01M  25.9MB/s   in 0.2s

2022-03-27 16:43:31 (25.9 MB/s) - 'lab5.zip' saved [4210527/4210527]

Archive: lab5.zip
  creating: lab5/
  extracting: lab5/.hidden
  inflating: lab5/Pexels.mp4
  inflating: lab5/Silence.mp3
  inflating: lab5/Videoleaf.mp4
  inflating: lab5/another.mp4
  inflating: lab5/audio.mp3
  extracting: lab5/fileA.txt
  extracting: lab5/fileB.txt
  extracting: lab5/filea.txt
  inflating: lab5/image1.jpeg
  inflating: lab5/image2.jpeg
  inflating: lab5/image3.png
  inflating: lab5/image4.png
  inflating: lab5/image5.gif
  inflating: lab5/song.mp3
  inflating: lab5/trivia.txt
  extracting: lab5/triviaXYZ.txt
  extracting: lab5/vita.txt
  creating: lab5/wallpaperslab5/
  inflating: lab5/wallpaperslab5/cpu.jpeg
  inflating: lab5/wallpaperslab5/keyboard.jpeg
  inflating: lab5/wallpaperslab5/pc.jpeg
[cis106@cis106-standardpci440fxpiix1996 ~]$
```

```

x  -  +  [🔍]  cis106@cis106-standardpci440fxpiix1996:~

cis106@cis106-standardpci440fxpiix1996:~ x cis106@cis106-standardpci440fxpiix1996:~

[cis106@cis106-standardpci440fxpiix1996 ~]$ mkdir lab5-imgs lab5-audio lab5-video lab5-docs
[cis106@cis106-standardpci440fxpiix1996 ~]$ mv lab5/audio.mp3 lab5/song.mp3 lab5/silence.mp3 lab5-audio/
mv: cannot stat 'lab5/silence.mp3': No such file or directory
[cis106@cis106-standardpci440fxpiix1996 ~]$ mv lab5/Silence.mp3 lab5-audio/
[cis106@cis106-standardpci440fxpiix1996 ~]$
```

```

x  -  +  [🔍]  cis106@cis106-standardpci440fxpiix1996:~

cis106@cis106-standardpci440fxpiix1996:~ x cis106@cis106-standardpci440fxpiix1996:~

[cis106@cis106-standardpci440fxpiix1996 ~]$ mv lab5/image1.jpeg lab5/image2.jpeg lab5/image3.png lab5/image4.png lab5/image5.gif lab5-imgs/
[cis106@cis106-standardpci440fxpiix1996 ~]$
```

```

x  -  +  [🔍]  cis106@cis106-standardpci440fxpiix1996:~

cis106@cis106-standardpci440fxpiix1996:~ x cis106@cis106-standardpci440fxpiix1996:~

[cis106@cis106-standardpci440fxpiix1996 ~]$ mv lab5/filea.txt lab5/fileB.txt lab5/trivia.txt lab5/triviaXYZ.txt lab5-docs/
[cis106@cis106-standardpci440fxpiix1996 ~]$
```

```

x  -  +  [🔍]  cis106@cis106-standardpci440fxpiix1996:~

cis106@cis106-standardpci440fxpiix1996:~ x cis106@cis106-standardpci440fxpiix1996:~

[cis106@cis106-standardpci440fxpiix1996 ~]$ mv lab5/filea.txt lab5/fileB.txt lab5/trivia.txt lab5/triviaXYZ.txt lab5-docs/
[cis106@cis106-standardpci440fxpiix1996 ~]$ mv lab5/vita.txt lab5/fileA.txt lab5-docs/
[cis106@cis106-standardpci440fxpiix1996 ~]$
```

```

cis106@cis106-standardpci440fxpiix1996:~
cis106@cis106-standardpci440fxpiix1996:~
[cis106@cis106-standardpci440fxpiix1996 ~]$ mv lab5/another.mp4 lab5/Pexels.mp4 lab5/Videoleaf.mp4 lab5-video/
[cis106@cis106-standardpci440fxpiix1996 ~]$

```

```

cis106@cis106-standardpci440fxpiix1996:~
cis106@cis106-standardpci440fxpiix1996:~
[cis106@cis106-standardpci440fxpiix1996 ~]$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
[cis106@cis106-standardpci440fxpiix1996 ~]$ mv lab5/ lab-5
[cis106@cis106-standardpci440fxpiix1996 ~]$

```

Question 4

```

cis106@cis106-standardpci440fxpiix1996:~
[cis106@cis106-standardpci440fxpiix1996 ~]$ ls Downloads/
'Absolute Path VS Relative Path Cheat sheet.png'  'Minimalist Timeline Diagram Concept Map.zip'  'The LS command Cheat Sheet.png'
grub2-deadpool-theme.zip                          pexels-aleksandar-pasarić-325185.jpg          topiconsfixaleskvadevnullmail.com.v12.shell-extension.zip
lab4files.zip                                     pexels-luis-del-rio-15286.jpg                  pexels-maxime-francis-2246476.jpg
'Minimalist Timeline Diagram Concept Map'          pexels-maxime-francis-2246476.jpg
[cis106@cis106-standardpci440fxpiix1996 ~]$ cp Downloads/pexels-aleksandar-pasarić-325185.jpg Downloads/pexels-luis-del-rio-15286.jpg Downloads/pexels-maxime-francis-2246476.jpg Pictures/NewWallpapers/
[cis106@cis106-standardpci440fxpiix1996 ~]$ mkdir Downloads/matrix
[cis106@cis106-standardpci440fxpiix1996 ~]$

```

```

cis106@cis106-standardpci440fxpiix1996:~
[cis106@cis106-standardpci440fxpiix1996 ~]$ ls
chrome-gnome-shell  Desktop  lab4files  lab5-docs  Music  q1.png  q3.2.png  q3.6.png  q4.1.png  Templates
cis106              Documents  lab-5      lab5-imgs  Pictures  q2.1.png  q3.4.png  q3.7.png  'Screenshot from 2022-03-06 15-45-47.png'  Videos
Command-does.png    Downloads  lab5-audio  lab5-video  Public  q3.1.png  q3.5.png  q3.8.png  'Screenshot from 2022-03-06 15-47-36.png'
[cis106@cis106-standardpci440fxpiix1996 ~]$ ls Downloads/
'Absolute Path VS Relative Path Cheat sheet.png'  'Minimalist Timeline Diagram Concept Map'  pexels-maxime-francis-2246476.jpg
grub2-deadpool-theme.zip                        'Minimalist Timeline Diagram Concept Map.zip'  'The LS command Cheat Sheet.png'
lab4files.zip                                  pexels-aleksandar-pasarić-325185.jpg          topiconsfixaleskvadevnullmail.com.v12.shell-extension.zip
matrix                                          pexels-luis-del-rio-15286.jpg
[cis106@cis106-standardpci440fxpiix1996 ~]$ ls Downloads/
'Absolute Path VS Relative Path Cheat sheet.png'  matrix2.jpg  pexels-luis-del-rio-15286.jpg
grub2-deadpool-theme.zip                        matrix3.jpg  pexels-maxime-francis-2246476.jpg
lab4files.zip                                  'Minimalist Timeline Diagram Concept Map'  'The LS command Cheat Sheet.png'
matrix                                          'Minimalist Timeline Diagram Concept Map.zip'  topiconsfixaleskvadevnullmail.com.v12.shell-extension.zip
matrix1.jpg  pexels-aleksandar-pasarić-325185.jpg
[cis106@cis106-standardpci440fxpiix1996 ~]$ mv Downloads/matrix1.jpg Downloads/matrix2.jpg Downloads/matrix3.jpg Downloads/matrix/
[cis106@cis106-standardpci440fxpiix1996 ~]$ ls
chrome-gnome-shell  Desktop  lab4files  lab5-docs  Music  q1.png  q3.2.png  q3.6.png  q4.1.png  Templates
cis106              Documents  lab-5      lab5-imgs  Pictures  q2.1.png  q3.4.png  q3.7.png  'Screenshot from 2022-03-06 15-45-47.png'  Videos
Command-does.png    Downloads  lab5-audio  lab5-video  Public  q3.1.png  q3.5.png  q3.8.png  'Screenshot from 2022-03-06 15-47-36.png'
[cis106@cis106-standardpci440fxpiix1996 ~]$ ls Downloads/
'Absolute Path VS Relative Path Cheat sheet.png'  'Minimalist Timeline Diagram Concept Map'  pexels-maxime-francis-2246476.jpg
grub2-deadpool-theme.zip                        'Minimalist Timeline Diagram Concept Map.zip'  'The LS command Cheat Sheet.png'
lab4files.zip                                  pexels-aleksandar-pasarić-325185.jpg          topiconsfixaleskvadevnullmail.com.v12.shell-extension.zip
matrix                                          pexels-luis-del-rio-15286.jpg
[cis106@cis106-standardpci440fxpiix1996 ~]$

```

```

x  -  +  [🔍]  cis106@cis106-standardpci440fxpiix1996:~
[cis106@cis106-standardpci440fxpiix1996 ~]$ cp -r Downloads/matrix/ Pictures/
[cis106@cis106-standardpci440fxpiix1996 ~]$ rm -r Downloads/matrix/
[cis106@cis106-standardpci440fxpiix1996 ~]$ ls Downloads/
'Absolute Path VS Relative Path Cheat sheet.png'  'Minimalist Timeline Diagram Concept Map.zip'  'The LS command Cheat Sheet.png'
grub2-deadpool-theme.zip                        pexels-aleksandar-pasalic-325185.jpg          topiconsfixaleskvadevnullmail.com.v12.shell-extension.zip
lab4files.zip                                   pexels-luis-del-rfo-15286.jpg
'Minimalist Timeline Diagram Concept Map'         pexels-maxime-francis-2246476.jpg
[cis106@cis106-standardpci440fxpiix1996 ~]$ rm -r Downloads/*
[cis106@cis106-standardpci440fxpiix1996 ~]$
```

Question 5

```

x  -  +  [🔍]  cis106@cis106-standardpci440fxpiix1996:~
[cis106@cis106-standardpci440fxpiix1996 ~]$ mkdir -p lab5ChallengeQuestion/assets
[cis106@cis106-standardpci440fxpiix1996 ~]$
```

```

x  -  +  [🔍]  cis106@cis106-standardpci440fxpiix1996:~/Downloads
[cis106@cis106-standardpci440fxpiix1996 Downloads]$ mv pexels-maxime-francis-2246476.jpg ~/lab5ChallengeQuestion/assets/newPicture.png
[cis106@cis106-standardpci440fxpiix1996 Downloads]$
```

```

x  -  +  [🔍]  cis106@cis106-standardpci440fxpiix1996:/
[cis106@cis106-standardpci440fxpiix1996 Downloads]$ cd /
[cis106@cis106-standardpci440fxpiix1996 /]$ mkdir -p ~/lab5ChallengeQuestion/site.html
[cis106@cis106-standardpci440fxpiix1996 /]$
```

```
root@cis106-standardpci440fxpiix1996:/
> touch -c site.html home/lab5ChallengeQuestion
root in /
>
```

site.html - /home/cis106/lab5ChallengeQuestion - Geany

File Edit Search View Document Project Build Tools Help

Symbols

site.html x

H1 Headings

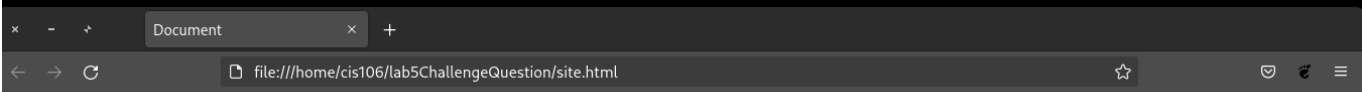
Challenge Question

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10   <h1>Challenge Question Lab 5</h1>
11   
12 </body>
13 </html>
14
```

Status

21:56:09: This is Geany 1.38.
21:56:09: New file "untitled" opened.
21:56:31: File untitled closed.
21:56:31: File /home/cis106/lab5ChallengeQuestion/site.html opened (1).

line:10/14 col:37 sel:0 INS TAB mode:LF encoding:UTF-8 filetype:HTML scope:unknown



Challenge Question Lab 5

