Question 1: Creating Files and Directories

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

```
don@dono:~/lab5$ touch docs/old/file1
don@dono:~/lab5$ touch docs/old/file2
don@dono:~/lab5$ touch docs/old/file3
don@dono:~/lab5$ touch docs/new/file1
don@dono:~/lab5$ touch docs/new/file2
don@dono:~/lab5$ touch docs/new/file3
don@dono:~/lab5$ touch songs/old/file1
touch: cannot touch 'songs/old/file1': No such file or directory
don@dono:~/lab5$ ls songs/
don@dono:~/lab5$ mkdir songs/old songs/new
don@dono:~/lab5$ touch songs/old/file1
don@dono:~/lab5$ touch songs/old/file2
don@dono:~/lab5$ touch songs/old/file3
don@dono:~/lab5$ touch songs/new/file1
don@dono:~/lab5$ touch songs/new/file2
don@dono:~/lab5$ touch songs/new/file3
don@dono:~/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
don@dono:~/lab5$ _
```

Question 2: Removing Files and Directories

```
don@dono:~/lab5$ cd
don@dono:~$ cd /srv/
don@dono:/srv$ rm ~/lab5/pets/new/file
rm: cannot remove '/home/don/lab5/pets/new/file': No such file
or directory
don@dono:/srv$ rm ~/lab5/pets/new/file1
don@dono:/srv$ rm ~/lab5/pets/new/file2
don@dono:/srv$ rm ~/lab5/pets/new/file3
don@dono:/srv$ rm -r ~/lab5/pets/
don@dono:/srv$ rm -r ~/lab5/docs/ ~/lab5/songs/
don@dono:/srv$ rm -r ~/lab5
don@dono:/srv$
```

Question 3: Moving Files and Directories

```
don@dono:~$ ls lab5/
another.mp4    image1.jpeg    Pexels.mp4      Videoleaf.mp4
audio.mp3      image2.jpeg    Silence.mp3     vita.txt
filea.txt      image3.png     song.mp3        wallpaperslab5
fileA.txt      image4.png     trivia.txt
fileB.txt      image5.gif     triviaXYZ.txt
don@dono:~$ mkdir lab5-imgs, lab5-audio, lab5-video, lab5-docs
don@dono:~$ rm -r lab5-imgs, lab5-audio, lab5-video, lab5-docs
don@dono:~$ mkdir lab5-imgs lab5-audio lab5-video lab5-docs
don@dono:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/Silence.mp3 la
b5-audio/
don@dono:~$ mv lab5/image1.jpeg lab5/image2.jpeg lab5/image3.pn
g lab5/image4.png lab5/image5.gif lab5-imgs/
don@dono:~$ mv lab5/another.mp4 lab5/Videoleaf.mp4 lab5/Pexels.
mp4 lab5-video/
don@dono:~$ mv lab5/fileA.txt lab5/fileB.txt lab5/filea.txt lab
5/trivia.txt lab5/vita.txt lab5/triviaXYZ.txt lab5-docs/
don@dono:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
don@dono:~$ mv lab5/ lab-5
don@dono:~$ _
```

Question 4: Copying Files and Directories

```
don@dono:~$ ls lab5/
another.mp4    image1.jpeg   Pexels.mp4      Videoleaf.mp4
audio.mp3      image2.jpeg   Silence.mp3     vita.txt
filea.txt      image3.png    song.mp3        wallpaperslab5
fileA.txt      image4.png    trivia.txt
fileB.txt      image5.gif    triviaXYZ.txt
don@dono:~$ mkdir lab5-imgs, lab5-audio, lab5-video, lab5-docs
don@dono:~$ rm -r lab5-imgs, lab5-audio, lab5-video, lab5-docs
don@dono:~$ mkdir lab5-imgs lab5-audio lab5-video lab5-docs
don@dono:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/Silence.mp3 la
b5-audio/
don@dono:~$ mv lab5/image1.jpeg lab5/image2.jpeg lab5/image3.pn
g lab5/image4.png lab5/image5.gif lab5-imgs/
don@dono:~$ mv lab5/another.mp4 lab5/Videoleaf.mp4 lab5/Pexels.
mp4 lab5-video/
don@dono:~$ mv lab5/fileA.txt lab5/fileB.txt lab5/filea.txt lab
5/trivia.txt lab5/vita.txt lab5/triviaXYZ.txt lab5-docs/
don@dono:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
don@dono:~$ mv lab5/ lab-5
don@dono:~$ cp D
Desktop/   Documents/ Downloads/
don@dono:~$ cp D
Desktop/   Documents/ Downloads/
don@dono:~$ cp Downloads/pexels-cesar-perez-733745.jpg Download
s/pexels-dids-2127433.jpg Downloads/pexels-peter-olexa-3875821.
jpg Pictures/NewWallpapers/
don@dono:~$ mkdir Downloads/RTXmrp
don@dono:~$ _
```

```
Downloads          lab5-docs    practicels        Templates
file               lab5-imgs    practicels.tar.xz Videos
don@dono:~$ ls Downloads/
'Absolute Path VS Relative Path Cheat sheet.png'
 comp1.jpeg
 comp2.jpeg
 comp3.jpeg
 lab4files.zip
'Linux Workshop Ubuntu Software installation cheat sheet.png'
 pexels-cesar-perez-733745.jpg
 pexels-dids-2127433.jpg
 pexels-peter-olexa-3875821.jpg
 practicels.tar.xz
 RTXmrp
'The LS command Cheat Sheet.png'
don@dono:~$ mv Downloads/comp1.jpeg Downloads/comp2.jpeg Downlo
ads/comp3.jpeg Downloads/RTXmrp/
```

```
don@dono:~$ ls Downloads/
'Absolute Path VS Relative Path Cheat sheet.png'
 lab4files.zip
'Linux Workshop Ubuntu Software installation cheat sheet.png'
 pexels-cesar-perez-733745.jpg
 pexels-dids-2127433.jpg
 pexels-peter-olexa-3875821.jpg
 practicels.tar.xz
 RTXmrp
'The LS command Cheat Sheet.png'
don@dono:~$ _
```

```
 pexels-peter-olexa-3875821.jpg
 practicels.tar.xz
 RTXmrp
'The LS command Cheat Sheet.png'
don@dono:~$ mv Downloads/comp1.jpeg Downloads/comp2.jpeg Downlo
ads/comp3.jpeg Downloads/RTXmrp/
don@dono:~$ ls Downloads/
'Absolute Path VS Relative Path Cheat sheet.png'
 lab4files.zip
'Linux Workshop Ubuntu Software installation cheat sheet.png'
 pexels-cesar-perez-733745.jpg
 pexels-dids-2127433.jpg
 pexels-peter-olexa-3875821.jpg
 practicels.tar.xz
 RTXmrp
'The LS command Cheat Sheet.png'
don@dono:~$ cp -r Downloads/RTXmrp/ Pictures/
don@dono:~$ rm -r Downloads/RTXmrp/
don@dono:~$ ls Downloads/
'Absolute Path VS Relative Path Cheat sheet.png'
 lab4files.zip
'Linux Workshop Ubuntu Software installation cheat sheet.png'
 pexels-cesar-perez-733745.jpg
 pexels-dids-2127433.jpg
 pexels-peter-olexa-3875821.jpg
 practicels.tar.xz
'The LS command Cheat Sheet.png'
don@dono:~$ _
```

Challenge Question:

```
don@dono:~$ mkdir lab5ChallengeQuestion/assets
mkdir: cannot create directory 'lab5ChallengeQuestion/assets': No such file or directory
don@dono:~$ mkdir -p lab5ChallengeQuestion/assets
don@dono:~$ mv Downloads/ pexels-marina-leonova-9423179.jpg lab5ChallengeQuestion/assets/newPicture.png
mv: target 'lab5ChallengeQuestion/assets/newPicture.png' is not a directory
don@dono:~$ mv Downloads/pexels-marina-leonova-9423179.jpg lab5ChallengeQuestion/assets/newPicture.png
don@dono:~$ la
la             laptop-detect  last           lastb          lastlog        lavadecode
don@dono:~$ lab5ChallengeQuestion/touch.html
bash: lab5ChallengeQuestion/touch.html: No such file or directory
don@dono:~$ lab5ChallengeQuestion/touch site.html
bash: lab5ChallengeQuestion/touch: No such file or directory
don@dono:~$ touch site.html lab5ChallengeQuestion/
don@dono:~$ rm -r site.html
don@dono:~$ lab5ChallengeQuestion/
bash: lab5ChallengeQuestion/: Is a directory
don@dono:~$ cd lab5ChallengeQuestion/
don@dono:~/lab5ChallengeQuestion$ touch site.html
don@dono:~/lab5ChallengeQuestion$
```

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

File   Edit   Search   View   Document   Project   Build   Tools   Help

Symbols   site.html ✕

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        <img src="./assets/newPicture.png" alt="">
12    </body>
13    </html>
14
```

01:50:01: This is Geany 1.36.
01:50:01: File /home/don/lab5ChallengeQuestion/site.html opened (1).

Status

Compiler

Challenge Question Lab 5