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Name :Shaimaa Husien Semester: Spring 22

## Lab 5 - Managing Files and Directories

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Question

```
shaimaa@shaimaa-VirtualBox:~$ pwd
/home/shaimaa
shaimaa@shaimaa-VirtualBox:~$ mkdir lab5
shaimaa@shaimaa-VirtualBox:~$ cd lab5/
shaimaa@shaimaa-VirtualBox:~/lab5$ mkdir pets docs songs
shaimaa@shaimaa-VirtualBox:~/lab5$ mkdir pets/old pets/new
shaimaa@shaimaa-VirtualBox:~/lab5$ touch pets/old/pets/new
shaimaa@shaimaa-VirtualBox:~/lab5$ touch pets/old/file1
shaimaa@shaimaa-VirtualBox:~/lab5$ touch pets/old/file2
shaimaa@shaimaa-VirtualBox:~/lab5$ touch pets/old/file3
shaimaa@shaimaa-VirtualBox:~/lab5$ touch pets/new/file1
shaimaa@shaimaa-VirtualBox:~/lab5$ touch pets/new/file2
shaimaa@shaimaa-VirtualBox:~/lab5$ touch pets/new/file3
shaimaa@shaimaa-VirtualBox:~/lab5$ tree
```

```

├── docs
├── pets
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
└── songs
```

5 directories, 6 files

```
shaimaa@shaimaa-VirtualBox:~/lab5$ mkdir docs/old docs/new
shaimaa@shaimaa-VirtualBox:~/lab5$ touch docs/old docs/new
shaimaa@shaimaa-VirtualBox:~/lab5$ touch docs/old/file1
shaimaa@shaimaa-VirtualBox:~/lab5$ touch docs/old/file2
shaimaa@shaimaa-VirtualBox:~/lab5$ touch docs/old/file3
shaimaa@shaimaa-VirtualBox:~/lab5$ touch docs/new/file1
shaimaa@shaimaa-VirtualBox:~/lab5$ touch docs/new/file2
shaimaa@shaimaa-VirtualBox:~/lab5$ touch docs/new/file3
shaimaa@shaimaa-VirtualBox:~/lab5$ tree
```

```

├── docs
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
├── pets
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
└── songs
```

directories, 12 files

```
shaimaa@shaimaa-VirtualBox:~/lab5$ mkdir songs/old songs/new
shaimaa@shaimaa-VirtualBox:~/lab5$ touch songs/old/file1
shaimaa@shaimaa-VirtualBox:~/lab5$ touch songs/old/file2
shaimaa@shaimaa-VirtualBox:~/lab5$ touch songs/old/file3
shaimaa@shaimaa-VirtualBox:~/lab5$ touch songs/new/file1
shaimaa@shaimaa-VirtualBox:~/lab5$ touch songs/new/file2
shaimaa@shaimaa-VirtualBox:~/lab5$ touch songs/new/file3
shaimaa@shaimaa-VirtualBox:~/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
└── directories, 18 files
shaimaa@shaimaa-VirtualBox:~/lab5$
```

## Question

```
shaimaa@shaimaa-VirtualBox: /srv
shaimaa@shaimaa-VirtualBox:/srv$ rm ~/lab5/pets/new/file2
shaimaa@shaimaa-VirtualBox:/srv$ rm ~/lab5/pets/new/file3
shaimaa@shaimaa-VirtualBox:/srv$ rm -r ~/lab5/pets/
shaimaa@shaimaa-VirtualBox:/srv$ rm -r ~/lab5/docs/ ~/lab5/songs/
shaimaa@shaimaa-VirtualBox:/srv$ rm -r ~/lab5
shaimaa@shaimaa-VirtualBox:/srv$
```

## Question

```

shaimaa@shaimaa-VirtualBox: ~
shaimaa@shaimaa-VirtualBox:~$ ls lab5/
another.mp4  fileB.txt      image4.png    song.mp3      vita.txt
audio.mp3    image1.jpeg    image5.gif    trivia.txt    wallpaperslab5
fileA.txt    image2.jpeg    Pexels.mp4    triviaXYZ.txt
fileA.txt    image3.png     Silence.mp3    Videoleaf.mp4
shaimaa@shaimaa-VirtualBox:~$ mkdir lab5-imgs lab5-audio lab5-vide lab5-docs
shaimaa@shaimaa-VirtualBox:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/silence.mp3 lab5-audio/
mv: cannot stat 'lab5/silence.mp3': No such file or directory
shaimaa@shaimaa-VirtualBox:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/Silence.mp3 lab5-audio/
mv: cannot stat 'lab5/audio.mp3': No such file or directory
mv: cannot stat 'lab5/song.mp3': No such file or directory
shaimaa@shaimaa-VirtualBox:~$ mv lab5/wallpaperslab5/ pictures/NewWallpapers
mv: cannot move 'lab5/wallpaperslab5/' to 'pictures/NewWallpapers': No such file or directory
shaimaa@shaimaa-VirtualBox:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
shaimaa@shaimaa-VirtualBox:~$ mv lab5/ lab-5
shaimaa@shaimaa-VirtualBox:~$ █

```

## Question

```

shaimaa@shaimaa-VirtualBox: ~
shaimaa@shaimaa-VirtualBox:~$ ls lab5/
another.mp4  fileB.txt      image4.png    song.mp3      vita.txt
audio.mp3    image1.jpeg    image5.gif    trivia.txt    wallpaperslab5
fileA.txt    image2.jpeg    Pexels.mp4    triviaXYZ.txt
fileA.txt    image3.png     Silence.mp3    Videoleaf.mp4
shaimaa@shaimaa-VirtualBox:~$ mkdir lab5-imgs lab5-audio lab5-vide lab5-docs
shaimaa@shaimaa-VirtualBox:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/silence.mp3 lab5-audio/
mv: cannot stat 'lab5/silence.mp3': No such file or directory
shaimaa@shaimaa-VirtualBox:~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/Silence.mp3 lab5-audio/
mv: cannot stat 'lab5/audio.mp3': No such file or directory
mv: cannot stat 'lab5/song.mp3': No such file or directory
shaimaa@shaimaa-VirtualBox:~$ mv lab5/wallpaperslab5/ pictures/NewWallpapers
mv: cannot move 'lab5/wallpaperslab5/' to 'pictures/NewWallpapers': No such file or directory
shaimaa@shaimaa-VirtualBox:~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
shaimaa@shaimaa-VirtualBox:~$ mv lab5/ lab-5
shaimaa@shaimaa-VirtualBox:~$ ls Downloads/
pexels-photo-1083822.webp  pexels-photo-2246476.jpeg  pexels-photo-325185.webp
shaimaa@shaimaa-VirtualBox:~$ cp Downloads/pexels-photo-1083822.webp Downloads/pexels-photo-2246476.jpeg Downloads/pexels-photo-325185.webp Pictures/NewWallpapers/
shaimaa@shaimaa-VirtualBox:~$ mkdir Downloads/computers
shaimaa@shaimaa-VirtualBox:~$ █

```

```

shaimaa@shaimaa-VirtualBox: ~
shaimaa@shaimaa-VirtualBox:~$ ls
cis106-sp22  Desktop  Documents  Downloads  lab-5  lab5-audio  lab5-docs  lab5-imgs  lab5-vide  Music  Pictures  Public  snap  Templates  Videos
shaimaa@shaimaa-VirtualBox:~$ ls Downloads/
comp1.webp  comp2.webp  computers  comp3.jpeg  pexels-photo-1083822.webp  pexels-photo-2246476.jpeg  pexels-photo-325185.webp
shaimaa@shaimaa-VirtualBox:~$ mv Downloads/comp1.webp Downloads/comp2.webp Downloads/comp3.jpeg Downloads/computers/
mv: cannot stat 'Downloads/comp3.jpeg': No such file or directory
shaimaa@shaimaa-VirtualBox:~$ mv Downloads/comp1.webp Downloads/comp2.webp Downloads/comp3.jpeg Downloads/computers/
mv: cannot stat 'Downloads/comp1.webp': No such file or directory
mv: cannot stat 'Downloads/comp2.webp': No such file or directory
mv: cannot stat 'Downloads/comp3.jpeg': No such file or directory
shaimaa@shaimaa-VirtualBox:~$ █

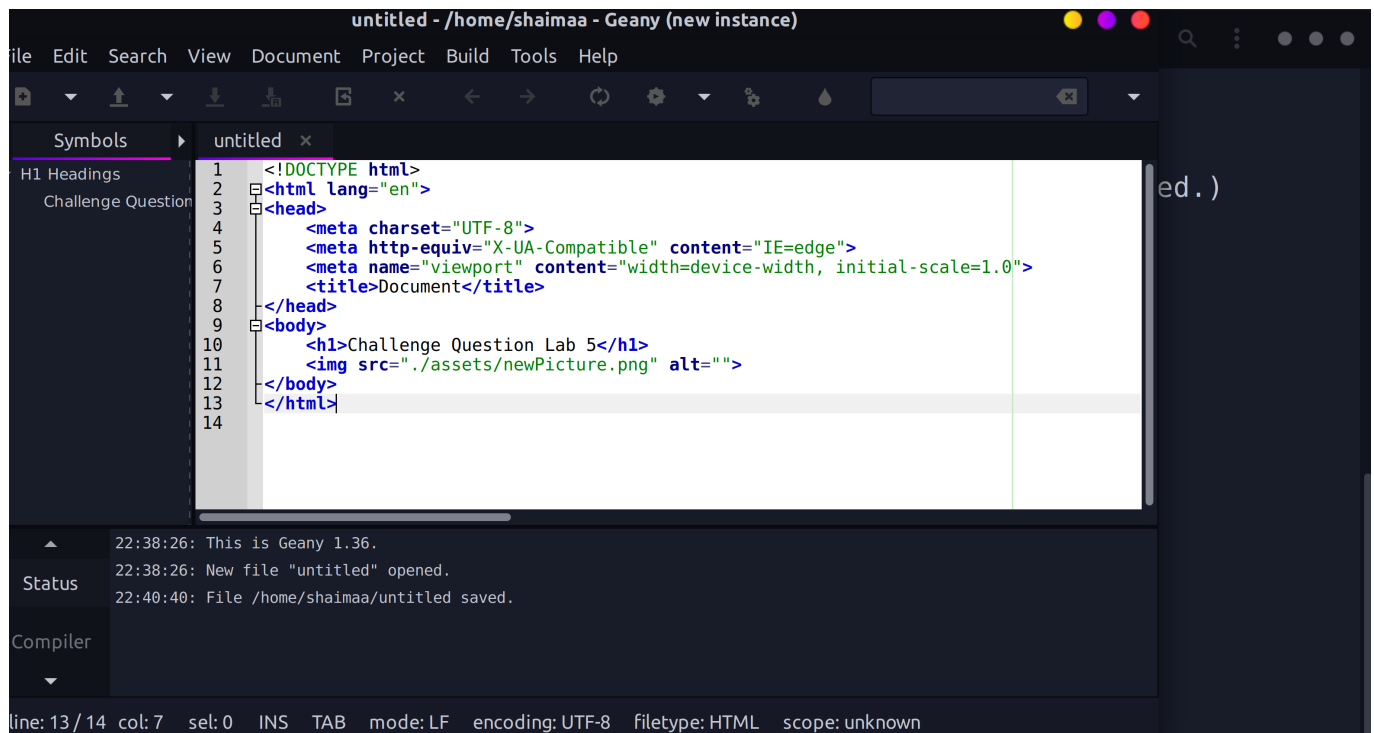
```

```
shaimaa@shaimaa-VirtualBox: ~  
shaimaa@shaimaa-VirtualBox:~$ cp -r Downloads/computers/ Pictures/  
shaimaa@shaimaa-VirtualBox:~$ rm -r Downloads/computers/  
shaimaa@shaimaa-VirtualBox:~$ ls Downloads/  
copm3.jpeg                                pexels-photo-2246476.jpeg  
pexels-photo-1083822.webp                pexels-photo-325185.webp  
shaimaa@shaimaa-VirtualBox:~$
```

## Question

```
shaimaa@shaimaa-VirtualBox: ~/lab5ChallengeQuestion  
shaimaa@shaimaa-VirtualBox:~/lab5ChallengeQuestion$ pwd  
/home/shaimaa  
shaimaa@shaimaa-VirtualBox:~$ mkdir lab5ChallengeQuestion  
shaimaa@shaimaa-VirtualBox:~$ cd lab5ChallengeQuestion  
shaimaa@shaimaa-VirtualBox:~/lab5ChallengeQuestion$ mkdir assets/  
shaimaa@shaimaa-VirtualBox:~/lab5ChallengeQuestion$ tree  
.  
└── assets  
  
1 directory, 0 files  
shaimaa@shaimaa-VirtualBox:~/lab5ChallengeQuestion$
```

```
shaimaa@shaimaa-VirtualBox: ~  
shaimaa@shaimaa-VirtualBox:~$ cd  
shaimaa@shaimaa-VirtualBox:~$ pwd  
/home/shaimaa  
shaimaa@shaimaa-VirtualBox:~$ mkdir lab5ChallengeQuestion  
shaimaa@shaimaa-VirtualBox:~$ mkdir assets  
shaimaa@shaimaa-VirtualBox:~$ mkdir assets/  
mkdir: cannot create directory 'assets/': File exists  
shaimaa@shaimaa-VirtualBox:~$ mkdir lab5ChallengeQuestion  
shaimaa@shaimaa-VirtualBox:~$ cd lab5ChallengeQuestion/  
shaimaa@shaimaa-VirtualBox:~/lab5ChallengeQuestion$ mkdir assets  
shaimaa@shaimaa-VirtualBox:~/lab5ChallengeQuestion$ mkdir assets/
```



The screenshot shows the Geany IDE interface. The main editor window displays an HTML document with the following code:

```
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
```

The left sidebar shows the 'Symbols' panel with a tree view of the document structure. The bottom status bar indicates the current position: 'line: 13 / 14 col: 7 sel: 0 INS TAB mode: LF encoding: UTF-8 filetype: HTML scope: unknown'.