

Lab 5 Managing Files and Directories

Question 1

```
1/1 v + [ ] [ ] Tilix: hellokitty@cis106: ~/lab5
1: hellokitty@cis106: ~/lab5 v AI [ ] x
hellokitty@cis106: ~$ cd lab5/
hellokitty@cis106: ~/lab5$ mkdir pets docs songs
hellokitty@cis106: ~/lab5$ mkdir pets/old pets/new docs/old docs/new songs/
old songs/new
hellokitty@cis106: ~/lab5$ tree .
.
├── docs
│   ├── new
│   └── old
├── pets
│   ├── new
│   └── old
└── songs
    ├── new
    └── old

9 directories, 0 files
hellokitty@cis106: ~/lab5$ touch pets/old/file1 pets/old/file2 pets/old/fil
e3
hellokitty@cis106: ~/lab5$ touch pets/new/file1 pets/new/file2 pets/new/fil
e3

1/1 v + [ ] [ ] Tilix: hellokitty@cis106: ~/lab5
1: hellokitty@cis106: ~/lab5 v AI [ ] x
e 3
hellokitty@cis106: ~/lab5$ tree
.
├── docs
│   ├── new
│   └── old
├── pets
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
└── songs
    ├── new
    └── old

9 directories, 6 files
hellokitty@cis106: ~/lab5$ touch docs/old/file1 docs/old/file2 docs/old/fil
e3
hellokitty@cis106: ~/lab5$ touch docs/new/file1 docs/new/file2 docs/new/fil
e3
```

```
1/1 + [Tilix: hellokitty@cis106: ~/lab5]
1: hellokitty@cis106: ~/lab5
hellokitty@cis106: ~/lab5$ tree
.
├── docs
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
├── pets
│   ├── new
│   │   ├── file1
│   │   ├── file2
│   │   └── file3
│   └── old
│       ├── file1
│       ├── file2
│       └── file3
└── songs
    ├── new
    └── old

9 directories, 12 files
hellokitty@cis106: ~/lab5$ touch songs/old/file1 songs/old/file2 songs/old/
file3
hellokitty@cis106: ~/lab5$ touch songs/new/file1 songs/new/file2 songs/new/
file3
hellokitty@cis106: ~/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
hellokitty@cis106: ~/lab5$
```

Question 2

```

1/1 + [ ] [ ] Tilix: hellokitty@cis106: /srv
1: hellokitty@cis106: /srv ~
hellokitty@cis106: ~$ cd /srv/
hellokitty@cis106: /srv$ rm home/lab5/pets/new/file1
rm: cannot remove 'home/lab5/pets/new/file1': No such file or directory
hellokitty@cis106: /srv$ rm home/hellokitty/lab5/pets/new/file1
rm: cannot remove 'home/hellokitty/lab5/pets/new/file1': No such file or directory
hellokitty@cis106: /srv$ ls
hellokitty@cis106: /srv$ tree
.
0 directories, 0 files
hellokitty@cis106: /srv$ rm /home/hellokitty/lab5/pets/new/file1
hellokitty@cis106: /srv$ rm /home/hellokitty/lab5/pets/new/file2
hellokitty@cis106: /srv$ rm /home/hellokitty/lab5/pets/new/file3
hellokitty@cis106: /srv$ rm ~/lab5/pets/
rm: cannot remove '/home/hellokitty/lab5/pets/': Is a directory
hellokitty@cis106: /srv$ rm -r ~/lab5/pets/
hellokitty@cis106: /srv$ rm -r ~/lab5/docs/
hellokitty@cis106: /srv$ rm -r ~/lab5/songs/
rm: invalid option -- '~'
Try 'rm --help' for more information.
hellokitty@cis106: /srv$ rm -r ~/lab5/songs/
hellokitty@cis106: /srv$ rm -r ~/lab5/
hellokitty@cis106: /srv$

```

Question 3

```

1/1 + [ ] [ ] Tilix: hellokitty@cis106: ~
1: hellokitty@cis106: ~ ~
hellokitty@cis106: ~$ mkdir lab5-imgs lab5-audio lab5-video lab5-docs
hellokitty@cis106: ~$ mv lab5/image5.gif lab5/image1.jpeg lab5/image2.jpeg
lab5-imgs/
hellokitty@cis106: ~$ mv lab5/audio.mp3 lab5/song.mp3 lab5/silence.mp3 lab5-
-audio/
mv: cannot stat 'lab5/silence.mp3': No such file or directory
hellokitty@cis106: ~$ 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
hellokitty@cis106: ~$ mv lab5/another.mp4 lab5/Pexels.mp4 lab5/Videoleaf.mp
4 lab5-video/
hellokitty@cis106: ~$ mv lab5/fileq.txt lab5/fileA.txt lab5/fileB.txt lab5/
trivia.txt lab5/trivia.XYZ.txt lab5/vita.txt lab5-docs/
mv: cannot stat 'lab5/fileq.txt': No such file or directory
mv: cannot stat 'lab5/trivia.XYZ.txt': No such file or directory
hellokitty@cis106: ~$ mv lab5/filea.txt lab5/fileA.txt lab5/fileB.txt lab5/
trivia.txt lab5/triviaXYZ.txt lab5/vita.txt lab5-docs/
mv: cannot stat 'lab5/fileA.txt': No such file or directory
mv: cannot stat 'lab5/fileB.txt': No such file or directory
mv: cannot stat 'lab5/trivia.txt': No such file or directory
mv: cannot stat 'lab5/vita.txt': No such file or directory
hellokitty@cis106: ~$ mv lab5/image3.png lab5/image4.png lab5-imgs/
hellokitty@cis106: ~$ mv lab5/wallpaperslab5/ Pictures/NewWallpapers
hellokitty@cis106: ~$ mv lab5/ lab-5
hellokitty@cis106: ~$ mv lab5/

```

Question 4


```
1/1 + [ ] [ ] Tilix: hellokitty@cis106: ~  
1: hellokitty@cis106: ~  
hellokitty@cis106: ~$ mv Downloads/pexels-eberhard-grossgasteiger-443446.jpg Pictures/NewWallpaper/  
mv: cannot move 'Downloads/pexels-eberhard-grossgasteiger-443446.jpg' to 'Pictures/NewWallpaper/': Not a directory  
hellokitty@cis106: ~$ mv Downloads/pexels-eberhard-grossgasteiger-443446.jpg Pictures/NewWallpapers/  
hellokitty@cis106: ~$ mv Downloads/pexels-pixabay-36717.jpg Pictures/NewWallpapers/  
hellokitty@cis106: ~$ mv Downloads/pexels-sohail-nachiti-807598.jpg Pictures/NewWallpapers/  
hellokitty@cis106: ~$ mv Downloads/pexels-aleksandar-pasaric-325185.jpg Downloads/newpic/  
hellokitty@cis106: ~$ mv Downloads/pexels-oliver-sjöström-1433052.jpg Downloads/newpic/  
hellokitty@cis106: ~$ mv Downloads/pexels-pixabay-45911.jpg Downloads/newpic/  
hellokitty@cis106: ~$ cp -r Downloads/newpic/ Pictures/  
hellokitty@cis106: ~$ rm -r Downloads/  
hellokitty@cis106: ~$ rm -r Downloads/newpic/  
hellokitty@cis106: ~$
```

Challenge Question

```
hellokitty@cis106: /  
3: hellokitty@cis106: /  
hellokitty@cis106: ~$ mkdir -p lab5ChallengeQuestion/assets  
hellokitty@cis106: ~$ cd /  
hellokitty@cis106: /$ touch /home/hellokitty/lab5ChallengeQuestion/site.html  
hellokitty@cis106: /$ mv ~/lab5ChallengeQuestion/assets/Newpicture.png ~/lab5ChallengeQuestion/assets/newPicture.png  
hellokitty@cis106: /$  
hellokitty@cis106: ~$ mv ~/Downloads/pexels-pixabay-33045.jpg ~/lab5ChallengeQuestion/assets/Newpicture.png
```

step 2 ^