

# Lab5

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## Question 1

```
1/1  +  [ ]  [ ]  Tilix:
1: dmatos45030@cis106vm: ~
dmatos45030@cis106vm:~$ mkdir lab5/q1.1/games/action/
mkdir: cannot create directory 'lab5/q1.1/games/action/': No such file or directory
dmatos45030@cis106vm:~$ mkdir -p lab5/q1.1/games/action/
dmatos45030@cis106vm:~$ mkdir -p lab5/q1.1/games/fps
dmatos45030@cis106vm:~$ mkdir lab5/q1.1/games/rpg
dmatos45030@cis106vm:~$ touch lab5/q1.1/games/action/action_games.txt
dmatos45030@cis106vm:~$ touch lab5/q1.1/games/fps/fps_list.txt
dmatos45030@cis106vm:~$ touch lab5/q1.1/games/rpg/mods.py
dmatos45030@cis106vm:~$ tree lab5/
lab5/
├── q1.1
│   └── games
│       ├── action
│       │   └── action_games.txt
│       ├── fps
│       │   └── fps_list.txt
│       └── rpg
│           └── mods.py
```

## Question 2

```
1/1 + [T] [R] Tilix: dmatos45030@cis106vm: ~
1: dmatos45030@cis106vm: ~
dmatos45030@cis106vm:~$ cd /srv/
dmatos45030@cis106vm:/srv$ tree ~/lab5/
/home/dmatos45030/lab5/
├── q1.1
│   └── games
│       ├── action
│       │   └── action_games.txt
│       ├── fps
│       │   └── fps_list.txt
│       └── rpg
│           └── mods.py
└── q1.2
    ├── hmw
    │   └── linux.txt
    └── notes
        └── math.pdf

9 directories, 5 files
dmatos45030@cis106vm:/srv$ rm ~/lab5/q1.2/hmw/linux.txt
dmatos45030@cis106vm:/srv$ rm ~/lab5/q1.2/notes/math.pdf
dmatos45030@cis106vm:/srv$ cd
dmatos45030@cis106vm:~$ rm -r ~/lab5/q1.1 ~/lab5/q1.2/
rm: invalid option -- '/'
Try 'rm --help' for more information.
dmatos45030@cis106vm:~$ rm -r ~/lab5/q1.1 ~/lab5/q1.2/
dmatos45030@cis106vm:~$ ls lab5/
dmatos45030@cis106vm:~$
```

## Question 3

```
1: dmatos45030@cis106vm: ~  
inflatng: lab5/sonicwings2.mp4  
inflatng: lab5/breakers.mp4  
inflatng: lab5/chess.jpg  
inflatng: lab5/book.png  
inflatng: lab5/readme.odt  
inflatng: lab5/project.docx  
inflatng: lab5/robot.ogg  
creating: lab5/wallpapersLab5/  
inflatng: lab5/wallpapersLab5/bookstore.jpg  
inflatng: lab5/wallpapersLab5/courage.jpg  
inflatng: lab5/wallpapersLab5/rokyo.jpg  
dmatos45030@cis106vm:~$ mkdir lab5-img lab5-video lab5-audio lab5-doc Pictures/NewWallpapers  
/  
dmatos45030@cis106vm:~$ ls lab5-img lab5-video lab5-audio lab5-doc  
lab5-audio:  
  
lab5-doc:  
  
lab5-img:  
  
lab5-video:  
dmatos45030@cis106vm:~$ ls lab5-img lab5-video lab5-audio lab5-doc Pictures/NewWallpapers/  
ls: cannot access 'Pictures/NewWallpapers/': No such file or directory  
lab5-audio:  
  
lab5-doc:  
  
lab5-img:  
  
lab5-video:  
dmatos45030@cis106vm:~$ ls lab5-img lab5-video lab5-audio lab5-doc Pictures/NewWallpapers/  
ls: cannot access 'lab5-img': No such file or directory  
ls: cannot access 'lab5-video': No such file or directory  
ls: cannot access 'lab5-audio': No such file or directory  
dmatos45030@cis106vm:~$ ls lab5-img lab5-video lab5-audio lab5-doc Pictures/NewWallpapers/
```

```
2: dmatos45030@cis106vm: ~  
dmatos45030@cis106vm:~$ ls -lX lab5/  
wallpapersLab5  
project.docx  
chess.jpg  
breakers.mp4  
sonicwings2.mp4  
readme.odt  
robot.ogg  
book.png  
starwars3.wav  
dmatos45030@cis106vm:~$ ls -lX lab5/  
ls: cannot access 'lab5/': No such file or directory  
dmatos45030@cis106vm:~$
```

```
3: dmatos45030@cis106vm: ~  
dmatos45030@cis106vm:~$ mv lab5/robot.ogg/ lab5/starwars3.wav lab5-audio/  
mv: cannot stat 'lab5/robot.ogg/': Not a directory  
dmatos45030@cis106vm:~$ mv lab5/robot.ogg lab5/starwars3.wav lab5-audio/  
mv: cannot stat 'lab5/starwars3.wav': No such file or directory  
dmatos45030@cis106vm:~$ mv lab5/robot.ogg lab5/starwars3.wav lab5-audio/  
mv: cannot stat 'lab5/robot.ogg': No such file or directory  
mv: cannot stat 'lab5/starwars3.wav': No such file or directory  
dmatos45030@cis106vm:~$ mv lab5/wallpapersLab5/ Pictures/NewWallpapers  
dmatos45030@cis106vm:~$ rm -r lab5 lab5-img lab5-video lab5-audio lab5-doc Pictures/NewWallp  
apers  
dmatos45030@cis106vm:~$ ls -d1 ~/*/  
/home/dmatos45030/bobsburgers/  
/home/dmatos45030/cis106/  
/home/dmatos45030/Desktop/  
/home/dmatos45030/Documents/  
/home/dmatos45030/Downloads/  
/home/dmatos45030/Lab4Files/  
/home/dmatos45030/Music/
```

Question 4

```
1: dmatos45030@cis106vm: ~  
dmatos45030@cis106vm:~$ ^C  
dmatos45030@cis106vm:~$ ^C  
dmatos45030@cis106vm:~$ ^C  
dmatos45030@cis106vm:~$ ls ~/Pictures/lab5wallpapers/  
pexels-pixabay-414144.jpg  
dmatos45030@cis106vm:~$ ls ~/Pictures/lab5wallpapers/  
pexels-pixabay-33045.jpg pexels-pixabay-33109.jpg pexels-pixabay-414144.jpg  
dmatos45030@cis106vm:~$ ls ~/Downloads/ ~/Pictures  
/home/dmatos45030/Downloads/  
code_1.93.1-1726079302_and64.deb pexels-pixabay-414144.jpg  
lab4_script.sh schoolwork  
pexels-pixabay-33045.jpg 'The LS command Cheat Sheet.png'  
pexels-pixabay-33109.jpg  
  
/home/dmatos45030/Pictures:  
A1 a3 a5 'Screenshot from 2024-10-07 16-23-46.png'  
a2 a4 lab5wallpapers wallpapers  
dmatos45030@cis106vm:~$
```

```
2: dmatos45030@cis106vm: ~  
dmatos45030@cis106vm:~$ mkdir ~/Pictures/lab5wallpapers/  
dmatos45030@cis106vm:~$ cp ~/Downloads/pexels-pixabay-414144.jpg ~/Downloads/pexels-pixabay-33045.jpg ~/Downloads/pexels-pixabay-33109.jpg  
cp: target '/home/dmatos45030/Downloads/pexels-pixabay-33109.jpg': Not a directory  
dmatos45030@cis106vm:~$ cp ~/Downloads/pexels-pixabay-414144.jpg ~/Pictures/lab5wallpapers/  
dmatos45030@cis106vm:~$ cp ~/Downloads/pexels-pixabay-33045.jpg ~/Pictures/lab5wallpapers/  
dmatos45030@cis106vm:~$ cp ~/Downloads/pexels-pixabay-33109.jpg ~/Pictures/lab5wallpapers/  
dmatos45030@cis106vm:~$
```

Challenge Question

