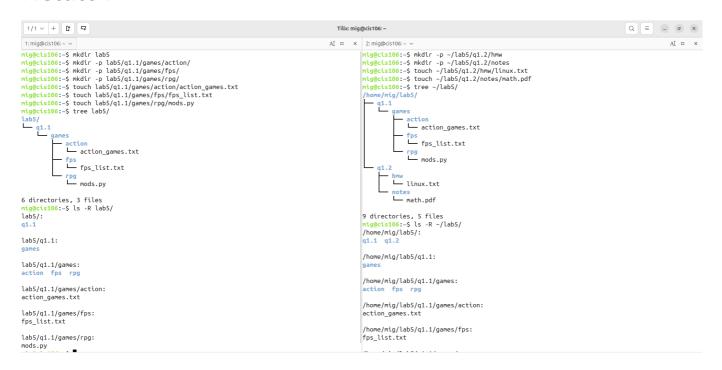# Lab 5 Managing files and directories

Practice 1

Practice 2

```
  1/1 ∨    +      ⮔      ⮒                         Tilix: mig@cis106: ~

 1: mig@cis106: ~ ∨

mig@cis106:~$ cd /srv/
mig@cis106:/srv$ tree ~/lab5/
/home/mig/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
mig@cis106:/srv$ rm ~/lab5/q1.2/hmw/linux.txt
mig@cis106:/srv$ rm ~/lab5/q1.2/notes/math.pdf
mig@cis106:/srv$ cd
mig@cis106:~$ rm -r ~/lab5/q1.1 ~/lab5/q1.2
mig@cis106:~$ ls lab5/
mig@cis106:~$ █
```
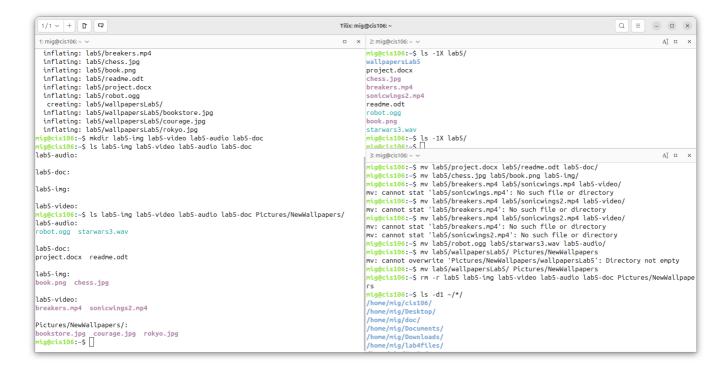
Practice 3

```
1/1 ∨  +  ⬚  ⬚                          Tilix: mig@cis106: ~                     🔍  ☰  —  ▢  ✕

1: mig@cis106: ~ ∨                                          ▢  ✕   2: mig@cis106: ~ ∨                    A⌷ ▢ ✕
  inflating: lab5/breakers.mp4                                    mig@cis106:~$ ls -1X lab5/
  inflating: lab5/chess.jpg                                       wallpapersLab5
  inflating: lab5/book.png                                        project.docx
  inflating: lab5/readme.odt                                      chess.jpg
  inflating: lab5/project.docx                                    breakers.mp4
  inflating: lab5/robot.ogg                                       sonicwings2.mp4
   creating: lab5/wallpapersLab5/                                 readme.odt
  inflating: lab5/wallpapersLab5/bookstore.jpg                    robot.ogg
  inflating: lab5/wallpapersLab5/courage.jpg                      book.png
  inflating: lab5/wallpapersLab5/rokyo.jpg                        starwars3.wav
mig@cis106:~$ mkdir lab5-img lab5-video lab5-audio lab5-doc       mig@cis106:~$ ls -1X lab5/
mig@cis106:~$ ls lab5-img lab5-video lab5-audio lab5-doc          mig@cis106:~$ ▯
lab5-audio:                                          ┌──────────────────────────────────────────────┐
                                                     3: mig@cis106: ~ ∨                       A⌷ ▢ ✕
lab5-doc:                                            mig@cis106:~$ mv lab5/project.docx lab5/readme.odt lab5-doc/
                                                     mig@cis106:~$ mv lab5/chess.jpg lab5/book.png lab5-img/
lab5-img:                                            mig@cis106:~$ mv lab5/breakers.mp4 lab5/sonicwings.mp4 lab5-video/
                                                     mv: cannot stat 'lab5/sonicwings.mp4': No such file or directory
lab5-video:                                          mig@cis106:~$ mv lab5/breakers.mp4 lab5/sonicwings2.mp4 lab5-video/
mig@cis106:~$ ls lab5-img lab5-video lab5-audio lab5-doc Pictures/NewWallpapers/   mv: cannot stat 'lab5/breakers.mp4': No such file or directory
lab5-audio:                                          mig@cis106:~$ mv lab5/breakers.mp4 lab5/sonicwings2.mp4 lab5-video/
robot.ogg  starwars3.wav                             mv: cannot stat 'lab5/breakers.mp4': No such file or directory
                                                     mv: cannot stat 'lab5/sonicwings2.mp4': No such file or directory
lab5-doc:                                            mig@cis106:~$ mv lab5/robot.ogg lab5/starwars3.wav lab5-audio/
project.docx  readme.odt                             mig@cis106:~$ mv lab5/wallpapersLab5/ Pictures/NewWallpapers
                                                     mv: cannot overwrite 'Pictures/NewWallpapers/wallpapersLab5': Directory not empty
lab5-img:                                            mig@cis106:~$ mv lab5/wallpapersLab5/ Pictures/NewWallpapers
book.png  chess.jpg                                  mig@cis106:~$ rm -r lab5 lab5-img lab5-video lab5-audio lab5-doc Pictures/NewWallpape
                                                     rs
lab5-video:                                          mig@cis106:~$ ls -d1 ~/*/
breakers.mp4  sonicwings2.mp4                         /home/mig/cis106
                                                     /home/mig/Desktop/
Pictures/NewWallpapers:                              /home/mig/doc/
bookstore.jpg  courage.jpg  rokyo.jpg                /home/mig/Documents/
mig@cis106:~$ ▯                                       /home/mig/Downloads/
                                                     /home/mig/lab4files/
```

Practice 4

```
1/1 ∨  +  ⬚  ⬚                          Tilix: mig@cis106: ~                     🔍  ☰  —  ▢  ✕

1: mig@cis106: ~ ∨                                                                              ▢  ✕
mig@cis106:~$ ls ~/Downloads/
pexels-eberhardgross-443446.jpg  pexels-pixabay-326055.jpg  pexels-pixabay-33109.jpg
mig@cis106:~$ ls ~/Pictures/lab5wallpapers/
pexels-eberhardgross-443446.jpg  pexels-pixabay-326055.jpg  pexels-pixabay-33109.jpg
mig@cis106:~$ ls ~/Downloads/ ~/Pictures/
/home/mig/Downloads/:
pexels-eberhardgross-443446.jpg  pexels-pixabay-326055.jpg  pexels-pixabay-33109.jpg

/home/mig/Pictures/:
activityclass.png  animals  bg.png  lab5wallpapers  Screenshots  script-output.png  wallpapers
mig@cis106:~$ ▯




2: mig@cis106: ~ ∨                                                                              ▢  ✕
mig@cis106:~$ mkdir ~/Pictures/lab5wallpapers
mkdir: cannot create directory '/home/mig/Pictures/lab5wallpapers': File exists
mig@cis106:~$ cp ~/Downloads/pexels-eberhardgross-443446.jpg ~/Downloads/pexels-pixabay-326055.jpg ~/Downloads/pexels-pixabay-33109.jpg ~/Pictures/lab5wallpapers
mig@cis106:~$ cp ~/Pictures/lab5wallpapers/ ~/Downloads/
cp: -r not specified; omitting directory '/home/mig/Pictures/lab5wallpapers/'
mig@cis106:~$ cp -r ~/Pictures/lab5wallpapers/ ~/Downloads/
mig@cis106:~$ █
```

Challenge Question

```
1/1 ∨    +                    Tilix: mig@cis106: ~

1: mig@cis106: ~ ∨
mig@cis106:~$ cd $HOME && wget https://cis106.com/assets/lab5/website-lab5.zip && unzip web
site-lab5.zip && rm website-lab5.zip
--2025-04-05 16:42:46--  https://cis106.com/assets/lab5/website-lab5.zip
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: 1326 (1.3K) [application/zip]
Saving to: 'website-lab5.zip'

2: mig@cis106: ~ ∨
mig@cis106:~$ ls ~/Downloads/
lab5wallpapers  pexels-eberhardgross-443446.jpg  pexels-pixabay-326055.jpg  pexels-pixabay-
33109.jpg
mig@cis106:~$ mv ~/Downloads/pexels-eberhardgross-443446.jpg ~/website-lab5/img1.jpg~

mig@cis106:~$ mv ~/Downloads/pexels-pixabay-326055.jpg ~/website-lab5/img2.jpg
mig@cis106:~$ mv ~/Downloads/pexels-pixabay-33109.jpg ~/website-lab5/img3.jpg
mig@cis106:~$ ls -1X website-lab5/
index.html
img2.jpg
img3.jpg
img1.jpg~
mig@cis106:~$ mv ~/Downloads/pexels-eberhardgross-443446.jpg ~/website-lab5/img1.jpg
mv: cannot stat '/home/mig/Downloads/pexels-eberhardgross-443446.jpg': No such file or dire
ctory
mig@cis106:~$ mv ~/Downloads/pexels-eberhardgross-443446.jpg ~/website-lab5/img1.jpg
mig@cis106:~$ ls -1X website-lab5/
img1.jpg
img2.jpg
img3.jpg
img1.jpg~
mig@cis106:~$ ls -1X website-lab5/
index.html
img1.jpg
img2.jpg
img3.jpg
```

/