

Lab 5

Screenshots

Question 1

```
Tilix: jel@jel-Nitro-AN515-54: ~/cis106

1: jel@jel-Nitro-AN515-54: ~/cis106
jel@jel-Nitro-AN515-54:~/cis106$ mkdir -p labs/lab5/q1.1/games/{action,fps,rpg}
jel@jel-Nitro-AN515-54:~/cis106$ tree labs/lab5
labs/lab5
├── q1.1
│   └── games
│       ├── action
│       ├── fps
│       └── rpg
└──

6 directories, 0 files
jel@jel-Nitro-AN515-54:~/cis106$ touch labs/lab5/q1.1/games/action/action_games.txt
jel@jel-Nitro-AN515-54:~/cis106$ touch labs/lab5/q1.1/games/fps/fps_list.txt
jel@jel-Nitro-AN515-54:~/cis106$ touch labs/lab5/q1.1/games/rpg/mods.py
jel@jel-Nitro-AN515-54:~/cis106$ tree labs/lab5
labs/lab5
├── q1.1
│   └── games
│       ├── action
│       │   └── action_games.txt
│       ├── fps
│       │   └── fps_list.txt
│       └── rpg
│           └── mods.py
└──

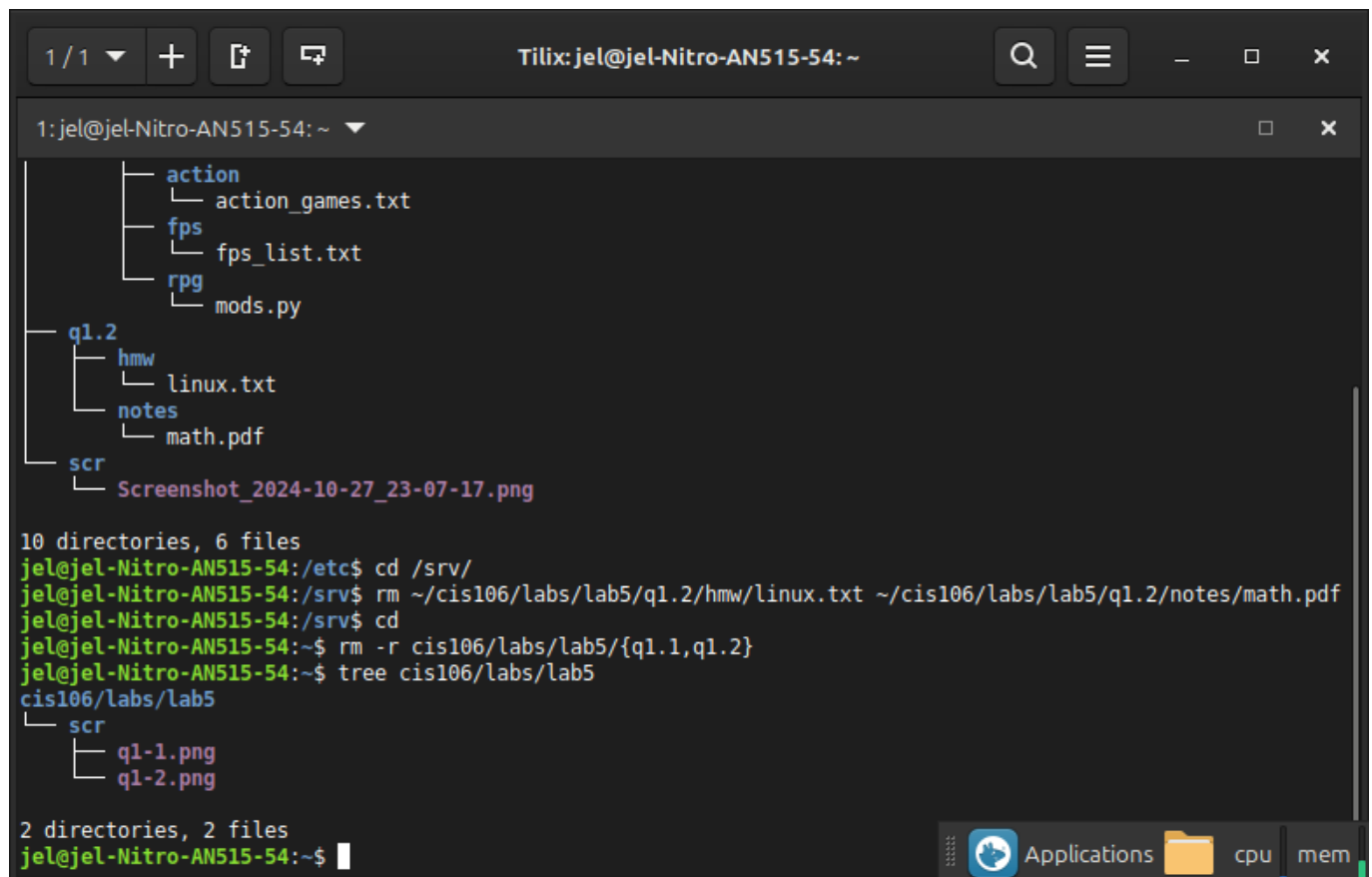
6 directories, 3 files
jel@jel-Nitro-AN515-54:~/cis106$
```

```
Tilix: jel@jel-Nitro-AN515-54: /etc

1: jel@jel-Nitro-AN515-54: /etc
jel@jel-Nitro-AN515-54:/etc$ mkdir -p ~/cis106/labs/lab5/q1.2/{hmw/linux.txt}/{notes/math.pdf}
jel@jel-Nitro-AN515-54:/etc$ rm -r ~/cis106/labs/lab5/q1.2
jel@jel-Nitro-AN515-54:/etc$ mkdir -p ~/cis106/labs/lab5/q1.2/{hmw,notes}
jel@jel-Nitro-AN515-54:/etc$ touch ~/cis106/labs/lab5/q1.2/hmw/linux.txt
touch: cannot touch '/home/jel/cis106/labs/lab5/q1.2/hmw/linux.txt': No such file or directory
jel@jel-Nitro-AN515-54:/etc$ touch ~/cis106/labs/lab5/q1.2/hmw/linux.txt
jel@jel-Nitro-AN515-54:/etc$ touch ~/cis106/labs/lab5/q1.2/notes/math.pdf
jel@jel-Nitro-AN515-54:/etc$ tree ~/cis106/labs/lab5
/home/jel/cis106/labs/lab5
├── q1.1
│   └── games
│       ├── action
│       │   └── action_games.txt
│       ├── fps
│       │   └── fps_list.txt
│       └── rpg
│           └── mods.py
├── q1.2
│   ├── hmw
│   │   └── linux.txt
│   └── notes
│       └── math.pdf
└── scr
    └── Screenshot_2024-10-27_23-07-17.png

10 directories, 6 files
jel@jel-Nitro-AN515-54:/etc$
```

Question 2



The image shows a terminal window titled "Tilix: jel@jel-Nitro-AN515-54: ~". The terminal displays a file tree structure for the directory ~/cis106/labs/lab5. The tree shows directories 'action', 'fps', 'q1.2', and 'scr'. 'action' contains 'action_games.txt'. 'fps' contains 'fps_list.txt'. 'q1.2' contains 'hmw' (with 'linux.txt') and 'notes' (with 'math.pdf'). 'scr' contains 'Screenshot_2024-10-27_23-07-17.png'. Below the tree, it says "10 directories, 6 files". The terminal then shows a series of commands: 'cd /srv/', 'rm ~/cis106/labs/lab5/q1.2/hmw/linux.txt ~/cis106/labs/lab5/q1.2/notes/math.pdf', 'cd', 'rm -r cis106/labs/lab5/{q1.1,q1.2}', and 'tree cis106/labs/lab5'. The output of the tree command shows a new tree structure: 'scr' containing 'q1-1.png' and 'q1-2.png', with "2 directories, 2 files" below it. The prompt 'jel@jel-Nitro-AN515-54:~\$' is visible at the bottom. The terminal window has a dark theme and standard window controls.

```
1: jel@jel-Nitro-AN515-54: ~
├── action
│   └── action_games.txt
├── fps
│   └── fps_list.txt
├── rpg
│   └── mods.py
├── q1.2
│   ├── hmw
│   │   └── linux.txt
│   └── notes
│       └── math.pdf
└── scr
    └── Screenshot_2024-10-27_23-07-17.png

10 directories, 6 files
jel@jel-Nitro-AN515-54:/etc$ cd /srv/
jel@jel-Nitro-AN515-54:/srv$ rm ~/cis106/labs/lab5/q1.2/hmw/linux.txt ~/cis106/labs/lab5/q1.2/notes/math.pdf
jel@jel-Nitro-AN515-54:/srv$ cd
jel@jel-Nitro-AN515-54:~$ rm -r cis106/labs/lab5/{q1.1,q1.2}
jel@jel-Nitro-AN515-54:~$ tree cis106/labs/lab5
cis106/labs/lab5
├── scr
│   ├── q1-1.png
│   └── q1-2.png
└──

2 directories, 2 files
jel@jel-Nitro-AN515-54:~$
```

Question 3

```

1 / 1  +  [ ]  [x]  Tilix: jel@jel-Nitro-AN515-54: ~  [ ]  [x]  [ ]  [ ]  [x]
1: jel@jel-Nitro-AN515-54: ~  [ ]  [x]  2: jel@jel-Nitro-AN515-54: ~  [ ]  [x]
jel@jel-Nitro-AN515-54:~$ mv lab5/{robot.ogg,starwars3
.wav} lab5/lab5-audio
jel@jel-Nitro-AN515-54:~$ mv lab5/{readme.odt,project.
docx} lab5/lab5-doc
jel@jel-Nitro-AN515-54:~$ mv lab5/{chess.jpg,book.png}
lab5/lab5-img
jel@jel-Nitro-AN515-54:~$ tree lab5
lab5
├── lab5-audio
│   ├── robot.ogg
│   └── starwars3.wav
├── lab5-doc
│   ├── project.docx
│   └── readme.odt
├── lab5-img
│   ├── book.png
│   └── chess.jpg
├── lab5-video
│   ├── breakers.mp4
│   └── sonicwings2.mp4
└── wallpapersLab5
    ├── bookstore.jpg
    ├── courage.jpg
    └── rokyo.jpg

6 directories, 11 files
jel@jel-Nitro-AN515-54:~$
Reading state information... Done
shotcut is already the newest version (24.02.29
+ds-1build1).
0 upgraded, 0 newly installed, 0 to remove and
112 not upgraded.
1 not fully installed or removed.
Need to get 138 MB of archives.
After this operation, 0 B of additional disk sp
ace will be used.
jel@jel-Nitro-AN515-54:~$ ls lab5 -X -l
lab5-audio
lab5-doc
lab5-img
lab5-video
wallpapersLab5
project.docx
chess.jpg
breakers.mp4
sonicwings2.mp4
readme.odt
robot.ogg
book.png
starwars3.wav
jel@jel-Nitro-AN515-54:~$
Applications  [ ]  cpu  mem

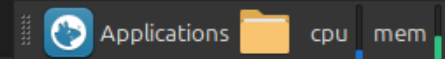
```

```

1 / 1  +  [ ]  [x]  Tilix: jel@jel-Nitro-AN515-54: ~  [ ]  [x]  [ ]  [ ]  [x]
1: jel@jel-Nitro-AN515-54: ~  [ ]  [x]
jel@jel-Nitro-AN515-54:~$ ls /home/jel/lab5/lab5-img/
book.png  chess.jpg
jel@jel-Nitro-AN515-54:~$ ls /home/jel/lab5/lab5-video/
breakers.mp4  sonicwings2.mp4
jel@jel-Nitro-AN515-54:~$ ls /home/jel/lab5/lab5-audio/
robot.ogg  starwars3.wav
jel@jel-Nitro-AN515-54:~$ ls /home/jel/lab5/lab5-doc
project.docx  readme.odt
jel@jel-Nitro-AN515-54:~$ ls /home/jel/Pictures/NewWallpapers
bookstore.jpg  courage.jpg  rokyo.jpg
jel@jel-Nitro-AN515-54:~$ rm lab5
rm: cannot remove 'lab5': Is a directory
jel@jel-Nitro-AN515-54:~$ rm -r lab5
jel@jel-Nitro-AN515-54:~$ rm -r Pictures/NewWallpapers
jel@jel-Nitro-AN515-54:~$ ls -dl
drwxr-x--- 45 jel jel 4096 Oct 27 23:53 .
jel@jel-Nitro-AN515-54:~$ ls -dl ~/*/
drwxr-xr-x  3 jel jel 4096 Oct 27 01:47 /home/jel/a/
drwxrwxr-x  9 jel jel 4096 Oct  4 03:25 /home/jel/auto-cpufreq/
drwxrwxr-x 10 jel jel 4096 Oct 27 23:02 /home/jel/cis106/
drwxrwxr-x  3 jel jel 4096 Oct 20 23:14 /home/jel/cis282/
drwxrwxr-x  7 jel jel 4096 Oct 23 12:43 /home/jel/classes-f24/
drwxr-xr-x  8 jel jel 4096 Oct 23 03:14 /home/jel/Desktop/
drwxr-xr-x  4 jel jel 4096 Oct 17 23:30 /home/jel/Documents/
drwxr-xr-x  3 jel jel 4096 Oct 27 23:37 /home/jel/Downloads/
drwxrwxr-x  3 jel jel 4096 Oct 23 03:05 /home/jel/Games/
drwxrwxr-x  2 jel jel 4096 Feb 22 2022 /home/jel/lab4files/
drwxr-xr-x  3 jel jel 4096 Oct 22 23:22 /home/jel/Music/
drwxr-xr-x  4 jel jel 4096 Oct 27 23:53 /home/jel/Pictures/
drwxr-xr-x  2 jel jel 4096 Oct  4 02:56 /home/jel/Public/
drwxr-xr-x  2 jel jel 4096 Oct  4 02:56 /home/jel/Templates/
drwxrwxr-x  4 jel jel 4096 Oct  6 09:24 /home/jel/vdpm/

```

```
drwxr-xr-x  3 jel jel 4096 Oct 27 23:39 /home/jel/Videos/  
drwx----- 6 jel jel 4096 Oct 20 22:18 /home/jel/vmware-jel/  
drwxrwxr-x  4 jel jel 4096 Oct 27 22:51 /home/jel/website/  
drwxrwxr-x  2 jel jel 4096 Oct 27 03:11 /home/jel/website2/  
jel@jel-Nitro-AN515-54:~$
```



Question 4

```
Tilix: jel@jel-Nitro-AN515-54: ~  
1: jel@jel-Nitro-AN515-54: ~  
jel@jel-Nitro-AN515-54:~$ ls Downloads | grep pexels  
pexels-pixabay-33101.jpg  
pexels-pixabay-36762.jpg  
pexels-pixabay-45853.jpg  
jel@jel-Nitro-AN515-54:~$ man cp  
jel@jel-Nitro-AN515-54:~$  
  
2: jel@jel-Nitro-AN515-54: ~  
jel@jel-Nitro-AN515-54:~$ mkdir -p Pictures/lab5wallpapers  
jel@jel-Nitro-AN515-54:~$ cp Downloads/pexels-pixabay-3  
pexels-pixabay-33101.jpg pexels-pixabay-36762.jpg  
jel@jel-Nitro-AN515-54:~$ cp Downloads/{pexels-pixabay-33101.jpg,pexels-pixabay-36762.jpg,pexel  
s-pixabay-45853.jpg} Pictures/lab5wallpapers  
jel@jel-Nitro-AN515-54:~$ tree Pictures/lab5wallpapers  
Pictures/lab5wallpapers  
├── pexels-pixabay-33101.jpg  
├── pexels-pixabay-36762.jpg  
└── pexels-pixabay-45853.jpg  
  
1 directory, 3 files  
jel@jel-Nitro-AN515-54:~$ cp Pictures/lab5wallpapers Downloads/  
cp: -r not specified; omitting directory 'Pictures/lab5wallpapers'  
jel@jel-Nitro-AN515-54:~$ cp -r Pictures/lab5wallpapers Downloads/  
jel@jel-Nitro-AN515-54:~$ tree Downloads/lab5wallpapers/  
Downloads/lab5wallpapers/  
├── pexels-pixabay-33101.jpg  
├── pexels-pixabay-36762.jpg  
└── pexels-pixabay-45853.jpg  
  
1 directory, 3 files  
jel@jel-Nitro-AN515-54:~$
```