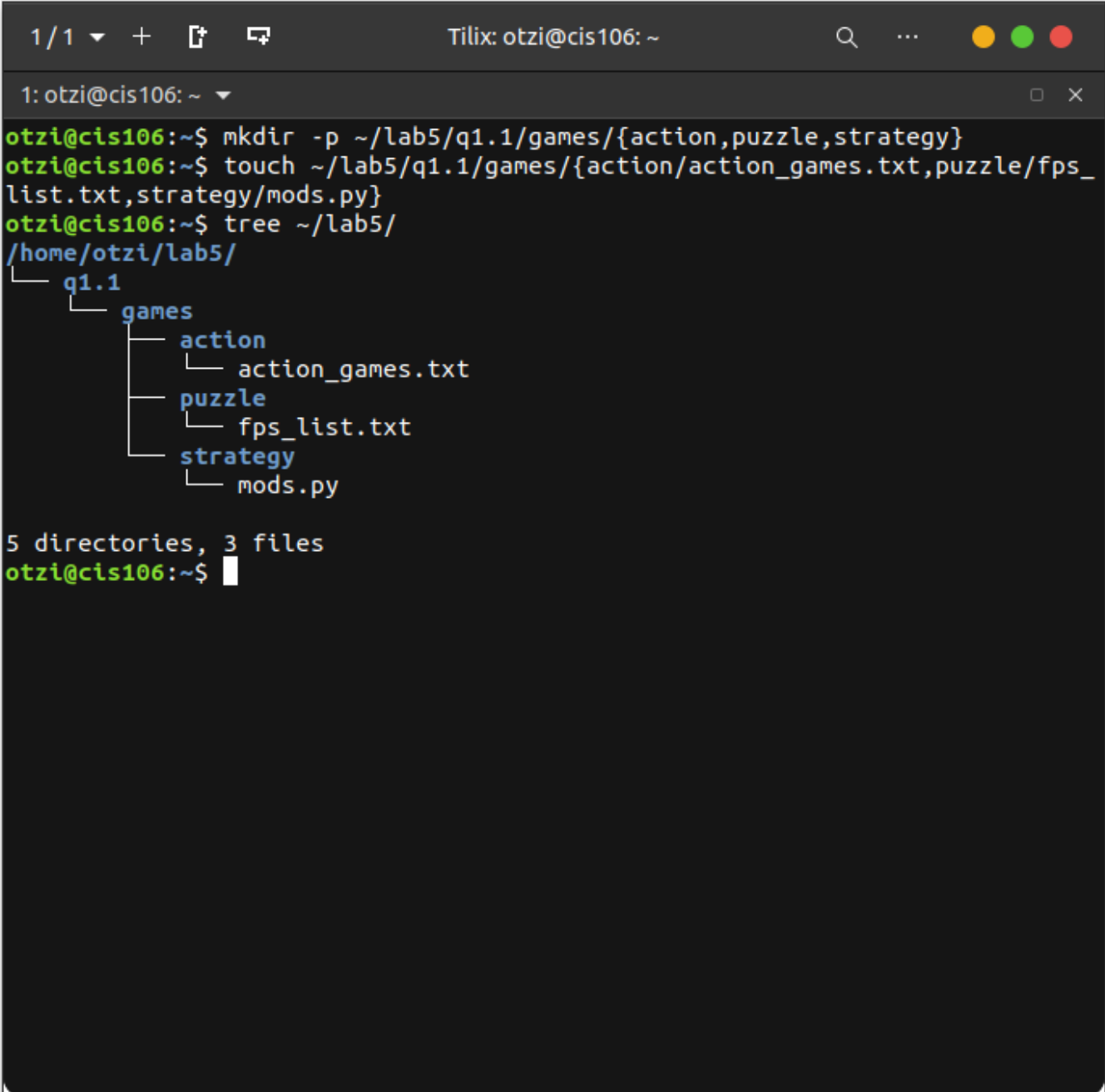


Lab 5 Report

Question 1.1

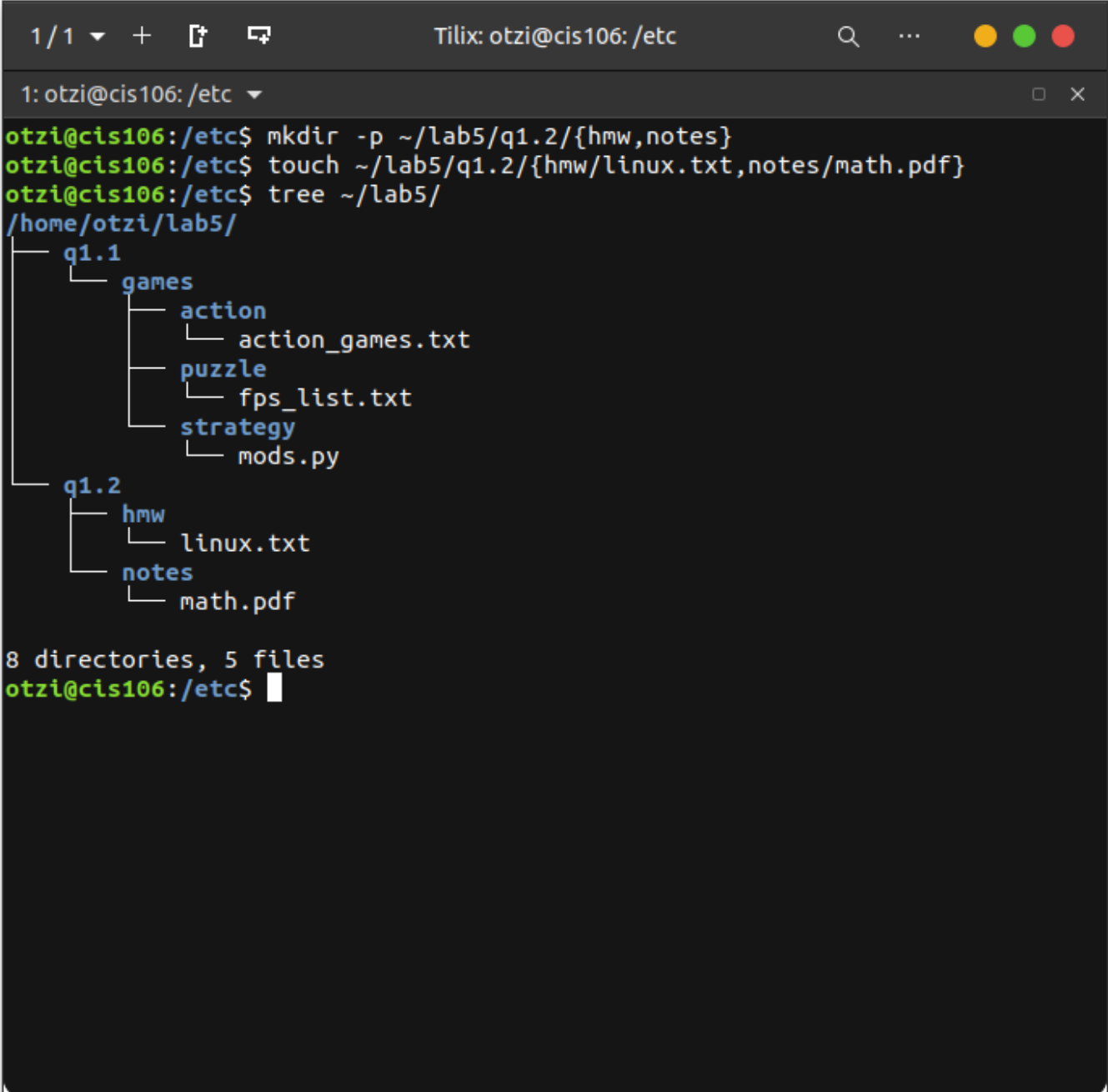
Screenshot

A terminal window titled 'Tilix: otzi@cis106: ~' showing a series of commands and their output. The commands are: 'mkdir -p ~/lab5/q1.1/games/{action,puzzle,strategy}', 'touch ~/lab5/q1.1/games/{action/action_games.txt,puzzle/fps_list.txt,strategy/mods.py}', and 'tree ~/lab5/'. The output of the 'tree' command shows a directory structure with 'q1.1' containing 'games', which in turn contains 'action' (with 'action_games.txt'), 'puzzle' (with 'fps_list.txt'), and 'strategy' (with 'mods.py'). Below the tree output, it says '5 directories, 3 files'. The prompt 'otzi@cis106:~\$' is shown at the bottom with a cursor.

```
1 / 1 ▾ + [?] [?] Tilix: otzi@cis106: ~ 🔍 ... ● ● ●
1: otzi@cis106: ~ ▾ □ ×
otzi@cis106:~$ mkdir -p ~/lab5/q1.1/games/{action,puzzle,strategy}
otzi@cis106:~$ touch ~/lab5/q1.1/games/{action/action_games.txt,puzzle/fps_
list.txt,strategy/mods.py}
otzi@cis106:~$ tree ~/lab5/
/home/otzi/lab5/
├── q1.1
│   └── games
│       ├── action
│       │   └── action_games.txt
│       ├── puzzle
│       │   └── fps_list.txt
│       └── strategy
│           └── mods.py
5 directories, 3 files
otzi@cis106:~$
```

Question 1.2

Screenshot

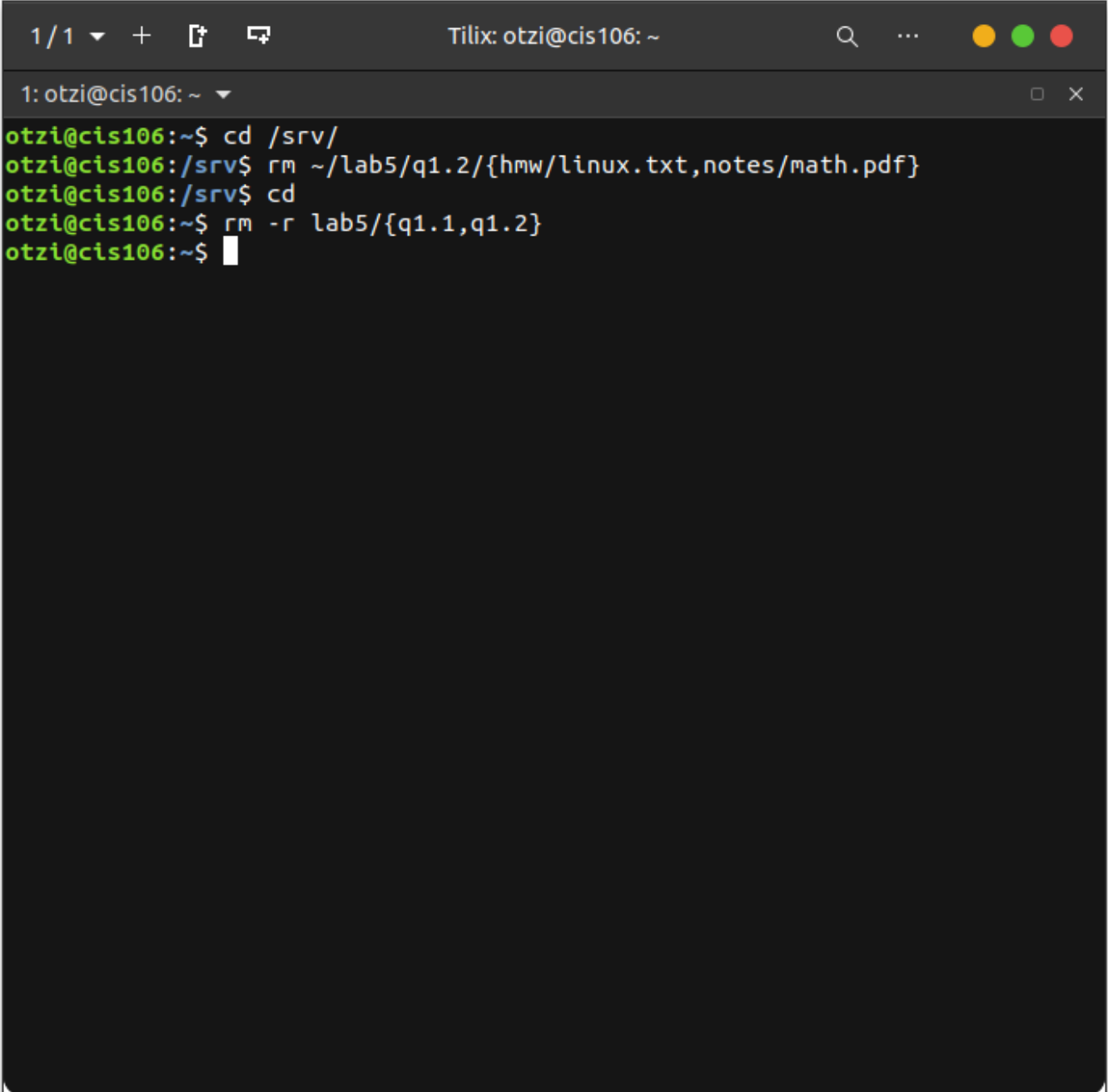
A terminal window titled 'Tilix: otzi@cis106: /etc' showing a series of commands and their output. The commands are: 'mkdir -p ~/lab5/q1.2/{hmw,notes}', 'touch ~/lab5/q1.2/{hmw/linux.txt,notes/math.pdf}', and 'tree ~/lab5/'. The output of the 'tree' command shows a directory structure starting from '/home/otzi/lab5/'. It has two main branches: 'q1.1' and 'q1.2'. 'q1.1' contains a 'games' directory, which in turn contains 'action' (with 'action_games.txt'), 'puzzle' (with 'fps_list.txt'), and 'strategy' (with 'mods.py'). 'q1.2' contains 'hmw' (with 'linux.txt') and 'notes' (with 'math.pdf'). At the bottom, it summarizes '8 directories, 5 files' and shows the prompt 'otzi@cis106: /etc\$' with a cursor.

```
1 / 1 ▾ + 🔍 📄
Tilix: otzi@cis106: /etc
1: otzi@cis106: /etc ▾
otzi@cis106:/etc$ mkdir -p ~/lab5/q1.2/{hmw,notes}
otzi@cis106:/etc$ touch ~/lab5/q1.2/{hmw/linux.txt,notes/math.pdf}
otzi@cis106:/etc$ tree ~/lab5/
/home/otzi/lab5/
├── q1.1
│   └── games
│       ├── action
│       │   └── action_games.txt
│       ├── puzzle
│       │   └── fps_list.txt
│       └── strategy
│           └── mods.py
└── q1.2
    ├── hmw
    │   └── linux.txt
    └── notes
        └── math.pdf

8 directories, 5 files
otzi@cis106:/etc$
```

Question 2

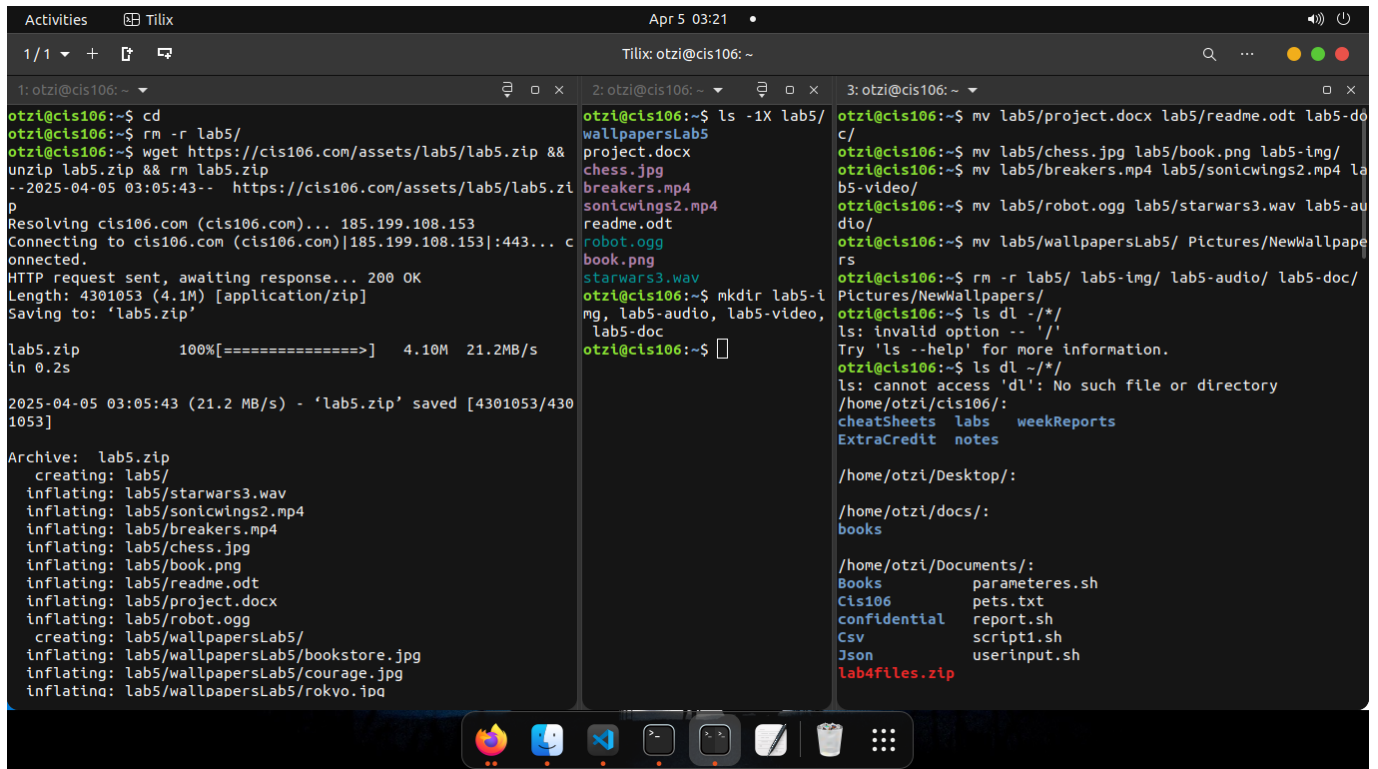
Screenshot

A screenshot of a terminal window titled "Tilix: otzi@cis106: ~". The window has a dark background and standard window controls (minimize, maximize, close) in the top right. The terminal shows a sequence of commands and their outputs. The prompt "1: otzi@cis106: ~" is visible at the top left of the terminal area. The commands executed are: `cd /srv/`, `rm ~/lab5/q1.2/{hmw/linux.txt,notes/math.pdf}`, `cd`, and `rm -r lab5/{q1.1,q1.2}`. The prompt returns to `otzi@cis106:~$` after each command.

```
1: otzi@cis106: ~  
otzi@cis106:~$ cd /srv/  
otzi@cis106:/srv$ rm ~/lab5/q1.2/{hmw/linux.txt,notes/math.pdf}  
otzi@cis106:/srv$ cd  
otzi@cis106:~$ rm -r lab5/{q1.1,q1.2}  
otzi@cis106:~$
```

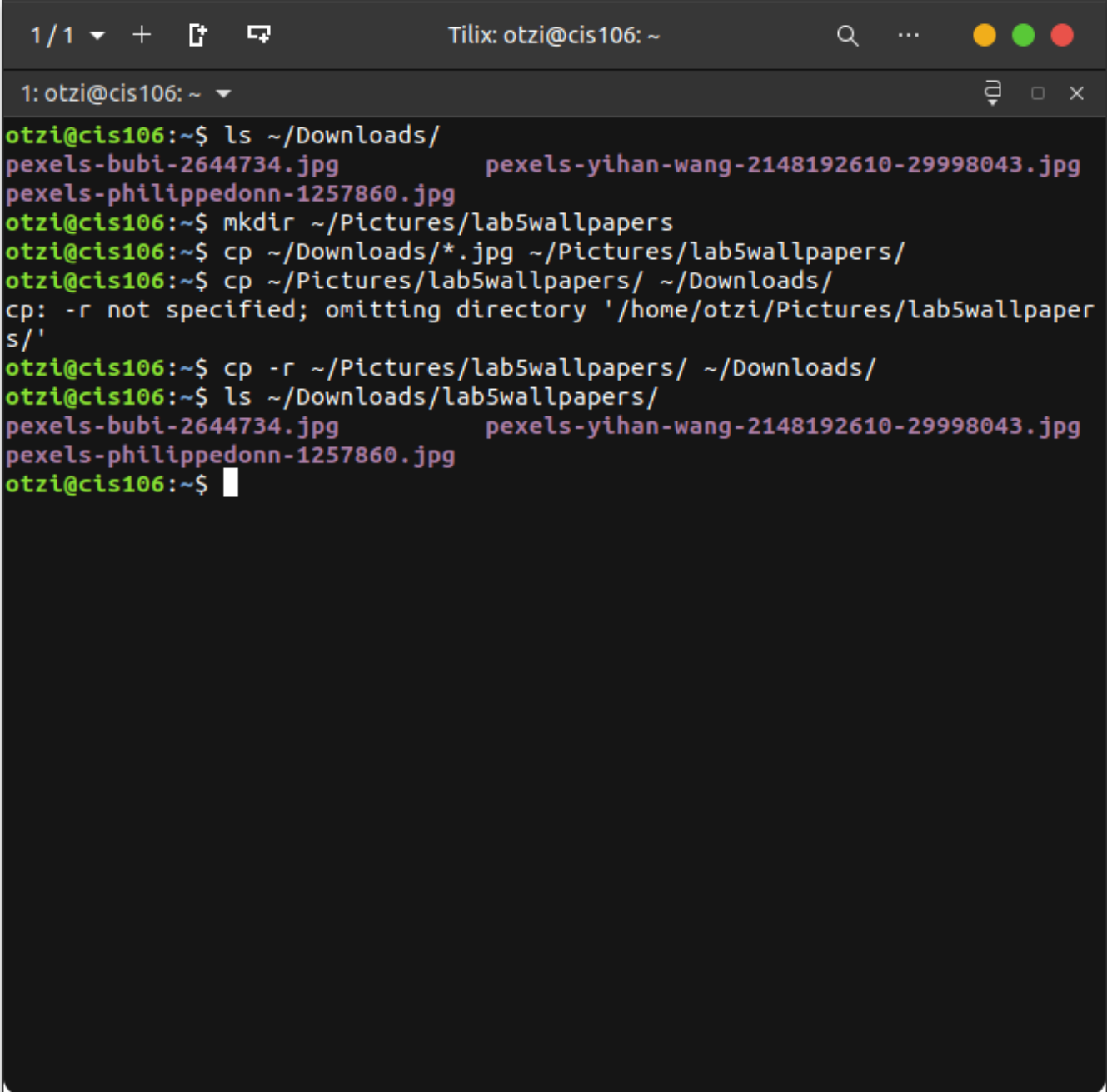
Question 3

Screenshot



Question 4

Screenshot



```
1/1 ▾ + 🔍 🖨️ Tilix: otzi@cis106: ~ 🔍 ... ● ● ●
1: otzi@cis106: ~ ▾ 📄 □ ×
otzi@cis106:~$ ls ~/Downloads/
pexels-bubi-2644734.jpg          pexels-yihan-wang-2148192610-29998043.jpg
pexels-philippedonn-1257860.jpg
otzi@cis106:~$ mkdir ~/Pictures/lab5wallpapers
otzi@cis106:~$ cp ~/Downloads/*.jpg ~/Pictures/lab5wallpapers/
otzi@cis106:~$ cp ~/Pictures/lab5wallpapers/ ~/Downloads/
cp: -r not specified; omitting directory '/home/otzi/Pictures/lab5wallpapers/'
otzi@cis106:~$ cp -r ~/Pictures/lab5wallpapers/ ~/Downloads/
otzi@cis106:~$ ls ~/Downloads/lab5wallpapers/
pexels-bubi-2644734.jpg          pexels-yihan-wang-2148192610-29998043.jpg
pexels-philippedonn-1257860.jpg
otzi@cis106:~$
```

Challenge Question

Screenshot

Activities

Firefox

Apr 5 04:33

1 / 1 + -

Tilix: otzi@cis106: ~

```
otzi@cis106:~$ cd $HOME && wget https://cis106.com/assets/lab5/website-lab5.zip
--2025-04-05 04:29:12-- 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'

website-lab5.zip  100%[=====] 1.29K  --.-KB/s  in 0s

2025-04-05 04:29:12 (78.3 MB/s) - 'website-lab5.zip' saved [1326/1326]

Archive: website-lab5.zip
  creating: website-lab5/
  inflating: website-lab5/index.html
otzi@cis106:~$ ls ~/Downloads/
lab5wallpapers  pexels-philippedonn-1257860.jpg
pexels-bubi-2644734.jpg  pexels-yihan-wang-2148192610-29998043.jpg
otzi@cis106:~$ mv ~/Downloads/pexels-philippedonn-1257860.jpg ~/website-lab5/
otzi@cis106:~$ mv ~/Downloads/pexels-bubi-2644734.jpg ~/website-lab5/img2.jpg
otzi@cis106:~$ mv ~/Downloads/pexels-yihan-wang-2148192610-29998043.jpg ~/website-lab5/
otzi@cis106:~$ ls ~/website-lab5/
img1.jpg  img2.jpg  img3.jpg  index.html
otzi@cis106:~$ ls 1X ~/website-lab5/
ls: cannot access '1X': No such file or directory
/home/otzi/website-lab5/:
img1.jpg  img2.jpg  img3.jpg  index.html
otzi@cis106:~$ ls -1X ~/website-lab5/
img1.jpg
img2.jpg
img3.jpg
otzi@cis106:~$
```

Lab 5 - Managing Files

q4-solution.png (1.3K)

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https://cis106.com/labs/lab5/

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3. Rename and move the images using the following naming convention: You have to rename and move using 1 command. This part should take 3 commands because there are only 3 files.

- a old_name1.jpg -> img1.jpg
- b old_name2.jpg -> img2.jpg
- c old_name3.jpg -> img3.jpg

4. List the website-lab5 directory. It should look like this:

```
via v1.1.3
otzi@cis106:~$ ls ~/website-lab5/
index.html
img1.jpg
img2.jpg
img3.jpg
via v1.1.3
```

5. Open the index.html file in firefox and take a screenshot. Test the slideshow by clicking the next and previous buttons. The images you downloaded should be shown there.

Take a screenshot of the commands you used to answer this question and of firefox showing the index.html file open.

What will you Submit:

- Place all the screenshots and answers to your questions in a the lab5.md file. Label