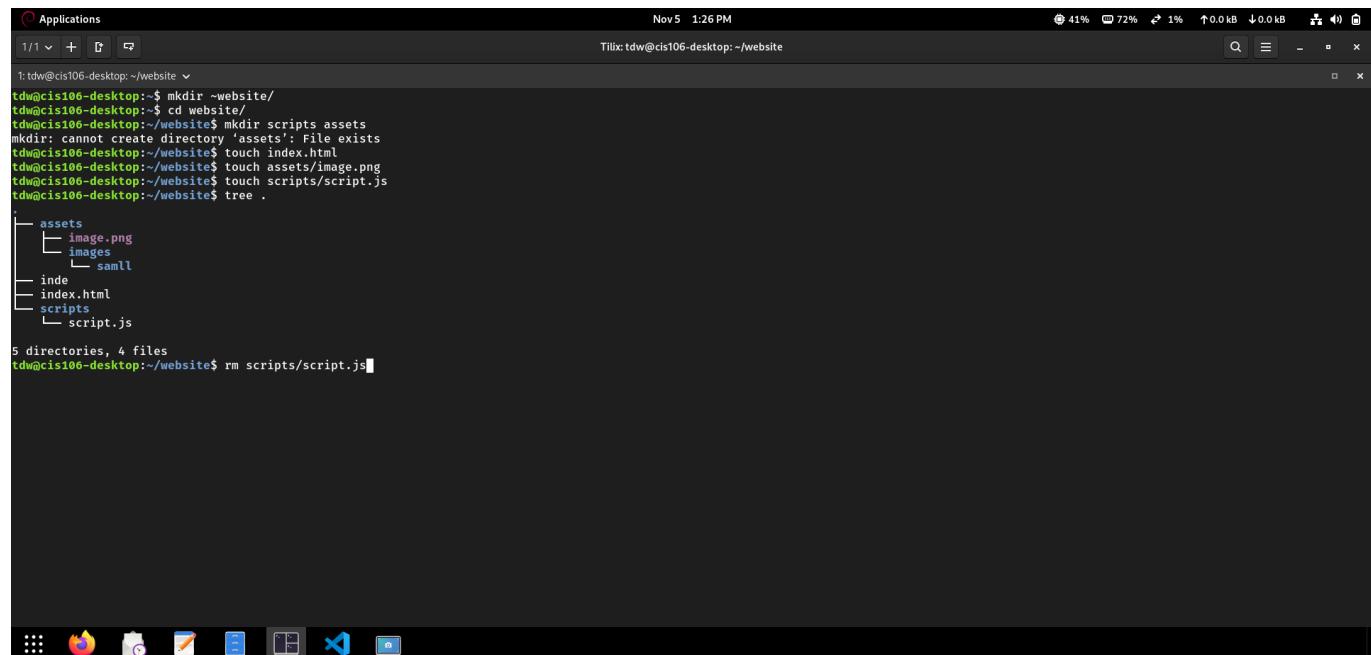


# Lab 6

## Q1

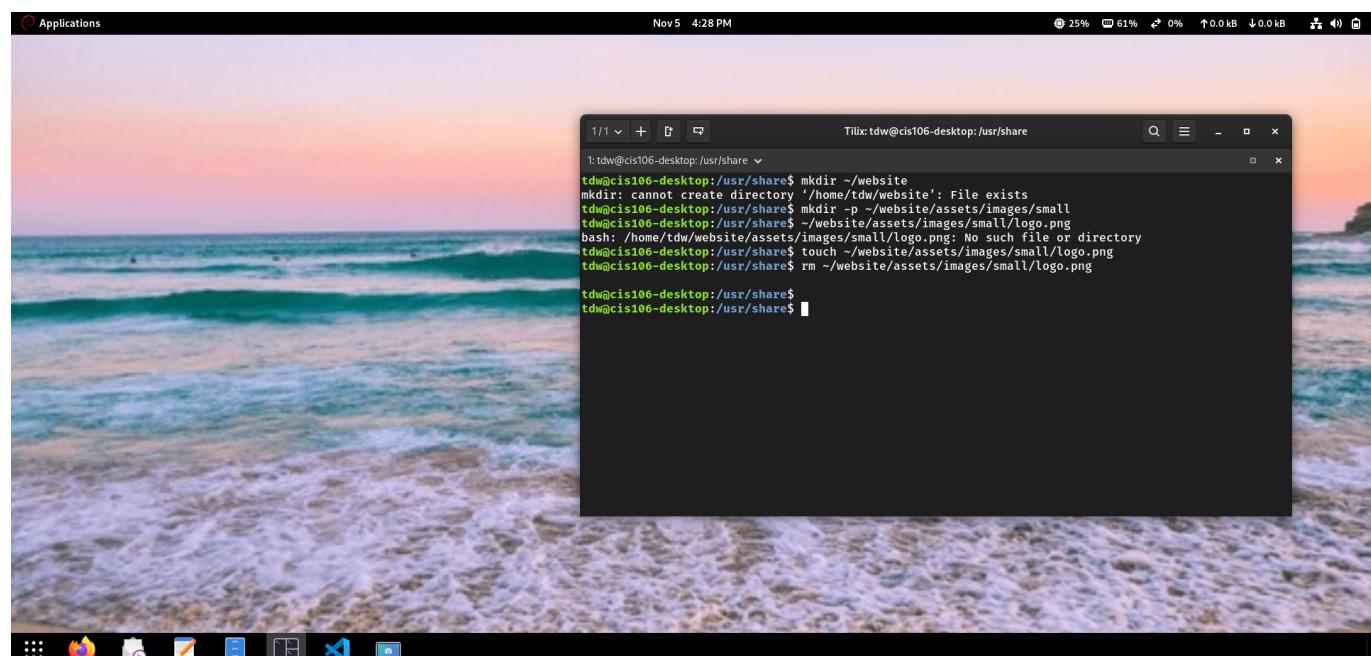
### Practice 1



```
Applications Nov 5 1:26 PM Tilix: tdw@cis106-desktop: ~/website
1/1 + 🔍
1:tdw@cis106-desktop:~/website ~
tdw@cis106-desktop:~$ mkdir ~website/
tdw@cis106-desktop:~$ cd website/
tdw@cis106-desktop:~/website ~$ mkdir scripts assets
mkdir: cannot create directory 'assets': File exists
tdw@cis106-desktop:~/website ~$ touch index.html
tdw@cis106-desktop:~/website ~$ touch assets/image.png
tdw@cis106-desktop:~/website ~$ touch scripts/script.js
tdw@cis106-desktop:~/website ~$ tree .
.
├── assets
│   └── image.png
└── scripts
    └── script.js

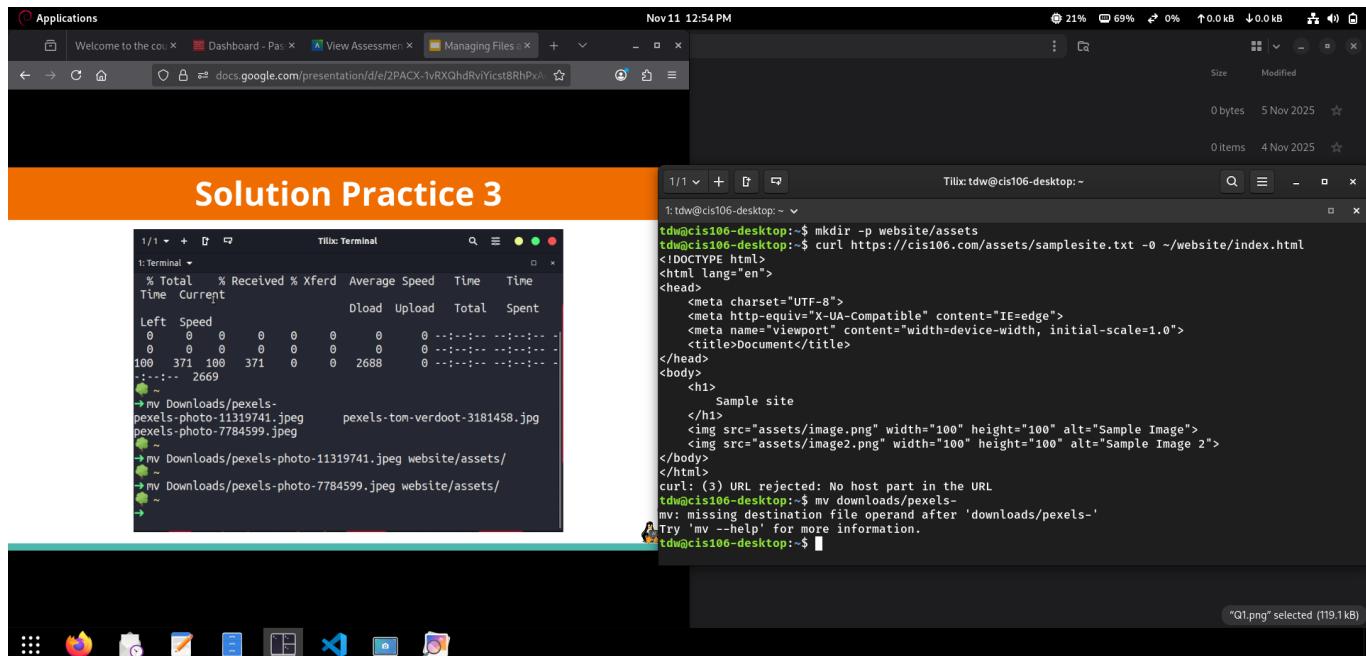
5 directories, 4 files
tdw@cis106-desktop:~/website ~$ rm scripts/script.js
```

### Practice 2



```
Applications Nov 5 4:28 PM Tilix: tdw@cis106-desktop:/usr/share
1/1 + 🔍
1:tdw@cis106-desktop:/usr/share ~
tdw@cis106-desktop:/usr/share ~$ mkdir ~/website
mkdir: cannot create directory '/home/tdw/website': File exists
tdw@cis106-desktop:/usr/share ~$ mkdir -p ~/website/assets/images/small
tdw@cis106-desktop:/usr/share ~$ ~/website/assets/images/small/logo.png
bash: /home/tdw/website/assets/images/small/logo.png: No such file or directory
tdw@cis106-desktop:/usr/share ~$ touch ~/website/assets/images/small/logo.png
tdw@cis106-desktop:/usr/share ~$ rm ~/website/assets/images/small/logo.png
tdw@cis106-desktop:/usr/share ~$
```

### Practice 3



## Challenge Q1

Nov 11 7:27 PM

```
1:tdw@cis106-desktop:~/lab6-challenge1$ rm -r .git
rm: remove write-protected regular file '.git/objects/pack/pack-b7c3db0c187b21fe55e625a5a62958c481f4d2cb.pac[...]
rm: remove write-protected regular file '.git/objects/pack/pack-b7c3db0c187b21fe55e625a5a62958c481f4d2cb.rev[...]
rm: remove write-protected regular file '.git/objects/pack/pack-b7c3db0c187b21fe55e625a5a62958c481f4d2cb.idx[...]
rm: cannot remove '.git/objects/pack': Directory not empty
tdw@cis106-desktop:~/lab6-challenge1$ tree -a
```

This is the repository you need to clone to finish this lab, the directory can be found at <https://github.com/linuxworkshop/labs/lab6>

This is the command you can use to clone it:  
Ex: `git clone https://github.com/linuxworkshop/labs/lab6`

**Tips:**

- 1 You will need `sudo` to remove the directory.
- 2 You will need to work with multiple files.
- 3 You will use `mkdir`, `cp`, `mv`, `rm`, `cd`.

**Deliverable for challenge question:**

- Take a screenshot of the terminal output for `rm -r .git/objects/pack/`.
- Take a screenshot of the output for `tree -a`.

Nov 11 7:49 PM

```
1:tdw@cis106-desktop:~/lab6-challenge1$
```

This is the repository you need to clone to finish this lab, the directory can be found at <https://github.com/linuxworkshop/labs/lab6>

This is the command you can use to clone it:  
Ex: `git clone https://github.com/linuxworkshop/labs/lab6`

**Tips:**

- 1 You will need `sudo` to remove the directory.
- 2 You will need to work with multiple files.
- 3 You will use `mkdir`, `cp`, `mv`, `rm`, `cd`.

**Deliverable for challenge question:**

- Take a screenshot of the terminal output for `rm -r .git/objects/pack/`.
- Take a screenshot of the output for `tree -a`.

cl1

```

Nov 11 9:36 PM
1: tdw@cis106-desktop:~/lab6-challenge1$ tree -a
.
├── assets
│   ├── audio
│   │   ├── song1.mp3
│   │   └── song2.mp3
│   ├── imgs
│   │   ├── debian.png
│   │   └── tux.png
│   └── video
│       ├── earth.mp4
│       └── lain.mp4
├── code
│   ├── bash
│   │   └── example
│   │       ├── hello.sh
│   │       └── script.sh
│   ├── .hidden
│   │   ├── .key
│   │   └── .secrets.txt
│   ├── python
│   │   ├── documents
│   │   │   ├── instructions.docx
│   │   │   ├── notes.doc
│   │   │   └── submission.pdf
│   │   └── hmw
│   │       ├── challenge.py
│   │       └── program.py
│   └── documents
│       ├── instructions.docx
│       ├── notes.doc
│       └── submission.pdf
13 directories, 20 files

tdw@cis106-desktop:~/lab6-challenge1$ 12:12
→

```

```

Nov 11 9:36 PM
Tilix: tdw@cis106-desktop:~/lab6-challenge1$ tree -a
.
├── audio
│   ├── song1.mp3
│   └── song2.mp3
├── imgs
│   ├── debian.png
│   └── tux.png
└── video
    ├── earth.mp4
    └── lain.mp4
.
├── code
│   ├── bash
│   │   └── example
│   │       ├── hello.sh
│   │       └── script.sh
│   ├── .hidden
│   │   ├── .key
│   │   └── .secrets.txt
│   ├── python
│   │   ├── documents
│   │   │   ├── instructions.docx
│   │   │   ├── notes.doc
│   │   │   └── submission.pdf
│   │   └── hmw
│   │       ├── challenge.py
│   │       └── program.py
│   └── documents
│       ├── instructions.docx
│       ├── notes.doc
│       └── submission.pdf
└── garbage.txt
.
└── .git
    ├── objects
    │   └── pack
    │       ├── pack-b7c3db0c187b21fe55e625a5a62958c481f4d2cb.idx
    │       └── pack-b7c3db0c187b21fe55e625a5a62958c481f4d2cb.rev
    └── no-longer-needed.txt
    .
    └── secrets.txt
    .
    └── to-be-deleted.txt
16 directories, 20 files

tdw@cis106-desktop:~/lab6-challenge1$ 

```

This is the repository you need to clone. Please clone the repository in your home directory. After you finish this lab, the directory can be deleted.

<https://github.com/linuxworkshop67/lab6-challenge1>

```

Nov 12 7:01 PM
1: tdw@cis106-desktop:~/lab6-challenge1$ tree -a
.
├── assets
│   ├── audio
│   │   ├── song1.mp3
│   │   └── song2.mp3
│   ├── imgs
│   │   ├── debian.png
│   │   └── tux.png
│   └── video
│       ├── earth.mp4
│       └── lain.mp4
├── code
│   ├── bash
│   │   └── example
│   │       ├── hello.sh
│   │       └── script.sh
│   ├── .hidden
│   │   ├── .key
│   │   └── .secrets.txt
│   ├── python
│   │   ├── documents
│   │   │   ├── instructions.docx
│   │   │   ├── notes.doc
│   │   │   └── submission.pdf
│   │   └── hmw
│   │       ├── challenge.py
│   │       └── program.py
│   └── documents
│       ├── instructions.docx
│       ├── notes.doc
│       └── submission.pdf
13 directories, 21 files

tdw@cis106-desktop:~/lab6-challenge1$ rm -r .git
2: tdw@cis106-desktop:~/lab6-challenge1$ cd ~/lab6-challenge1/
tdw@cis106-desktop:~/lab6-challenge1$ sudo rm -r .git
[sudo] password for tdw:
tdw@cis106-desktop:~/lab6-challenge1$ mv .secrets.txt code/.hidden/
tdw@cis106-desktop:~/lab6-challenge1$ cd documents/
tdw@cis106-desktop:~/lab6-challenge1/documents$ cd ../
tdw@cis106-desktop:~/lab6-challenge1$ cp documents/instructions.docx code/python/documents/
tdw@cis106-desktop:~/lab6-challenge1$ cp documents/notes.doc code/python/documents/
tdw@cis106-desktop:~/lab6-challenge1$ cp documents/submission.pdf code/python/documents/
tdw@cis106-desktop:~/lab6-challenge1$ rm garbage.txt no-longer-needed.txt to-be-deleted.txt
tdw@cis106-desktop:~/lab6-challenge1$ 

```

## Challenge Q2

The image shows a Linux desktop environment with a dark theme. At the top, there is a system tray with icons for battery (25%), signal strength (70%), and network (4.9 kB up, 75 kB down). Below the tray is a terminal window titled 'Tilix: tdw@cis106-desktop:~' with the following command history:

```
tdw@cis106-desktop:~$ mv Downloads/pexels-eberhardgross-443446.jpg lab6-challenge2/img1.jpg
tdw@cis106-desktop:~$ mv Downloads/pexels-souvenirpixels-1519088.jpg lab6-challenge2/img2.jpg
tdw@cis106-desktop:~$ mv Downloads/pexels-pixabay-50594.jpg lab6-challenge2/img3.jpg
tdw@cis106-desktop:~$ ls -1X lab6-challenge2/
index.html
img1.jpg
img2.jpg
img3.jpg
tdw@cis106-desktop:~$
```

Below the terminal is a file manager window showing a folder structure. The main window displays a responsive slideshow of cityscapes, with the current slide being a night view of the Toronto skyline reflected in water. Navigation arrows for 'PREV' and 'NEXT' are visible at the bottom of the slide.

