Lab 6 Submission

Managing files and directories

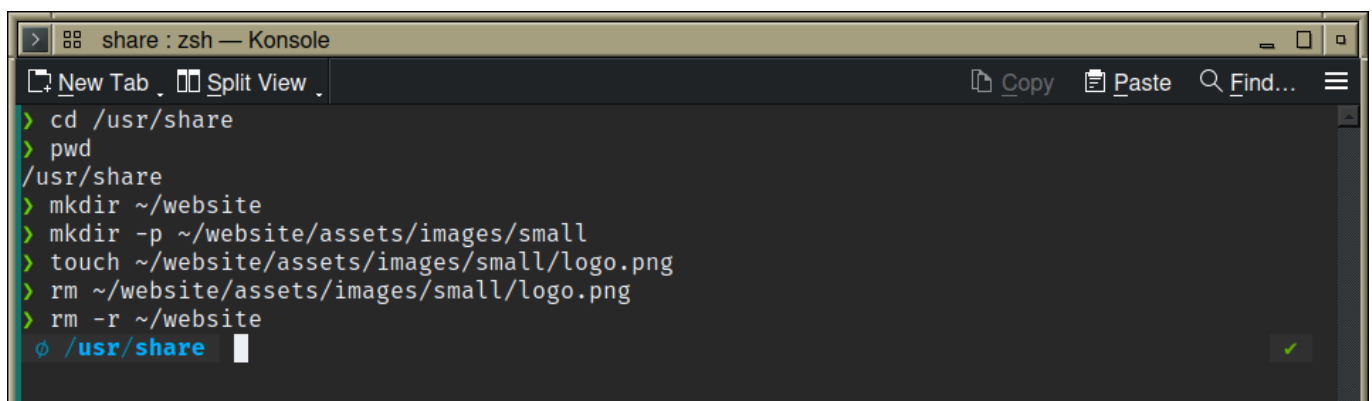### q1.1 - Creating files and directories

```
> mkdir website
> cd website
> mkdir script assets
> touch index.html
> touch assets/image.png
> touch script/script.js
> tree
.
├── assets
│   └── image.png
├── index.html
└── script
    └── script.js

3 directories, 3 files
> rm assets/image.png
> rm script/script.js
> rmdir script
> rmdir assets
> cd ..
> rm -r website
~
```
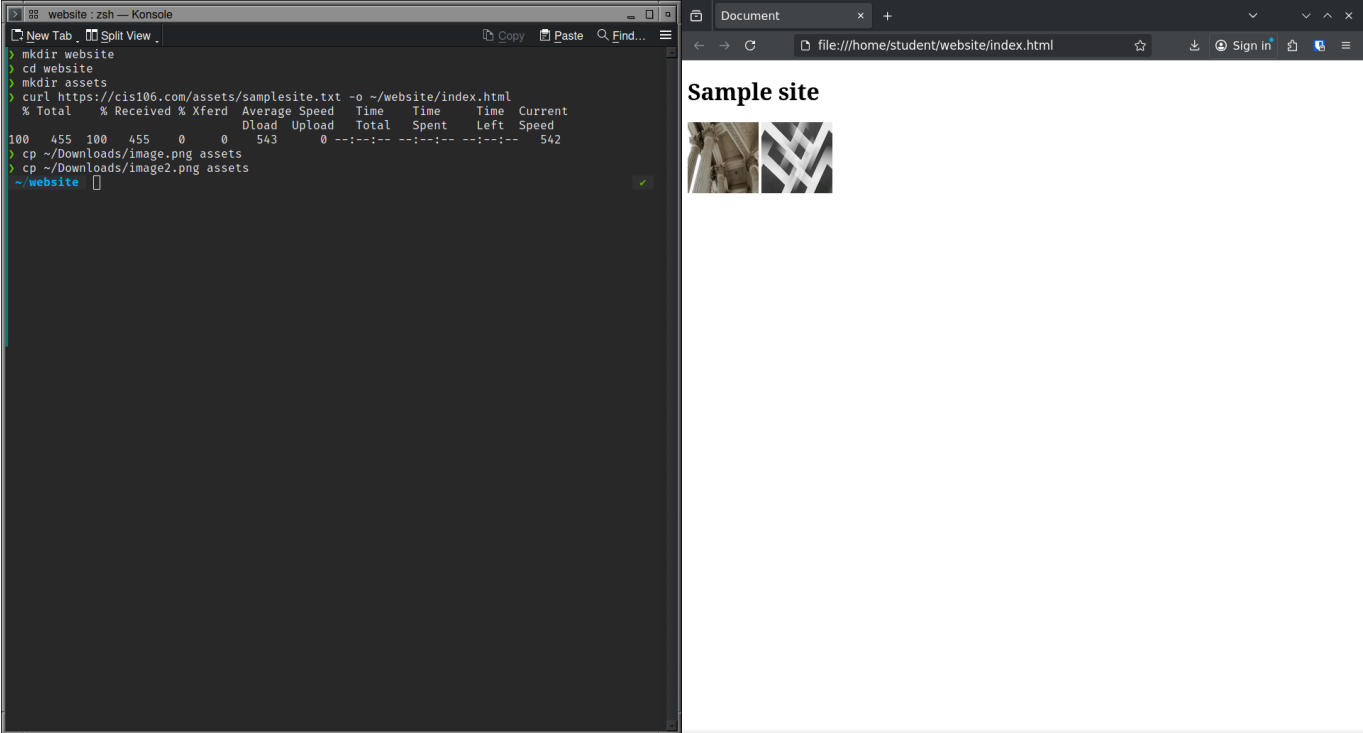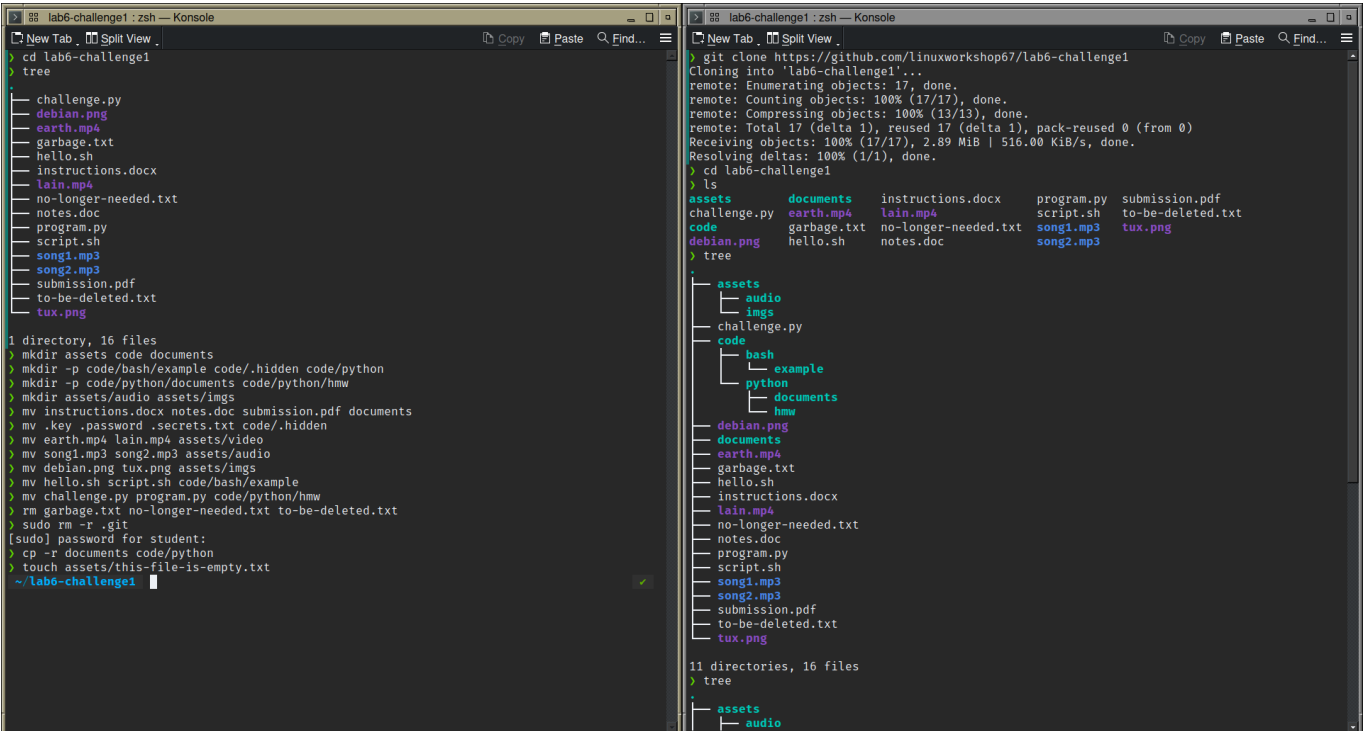
q1.2 - Creating files with parents

```
> cd /usr/share
> pwd
/usr/share
> mkdir ~/website
> mkdir -p ~/website/assets/images/small
> touch ~/website/assets/images/small/logo.png
> rm ~/website/assets/images/small/logo.png
> rm -r ~/website
φ /usr/share
```

q1.3 - Using curl and cp

Challenge Question 1 - Organizing filetree

git clone and initial state

Creating Subdirectories

Moving files

Removing hidden and trash files, copying documents, making empty file

```
cd lab6-challenge1
tree
.
├── challenge.py
├── debian.png
├── earth.mp4
├── garbage.txt
├── hello.sh
├── instructions.docx
├── lain.mp4
├── no-longer-needed.txt
├── notes.doc
├── program.py
├── script.sh
├── song1.mp3
├── song2.mp3
├── submission.pdf
├── to-be-deleted.txt
└── tux.png

1 directory, 16 files
mkdir assets code documents
mkdir -p code/bash/example code/.hidden code/python
mkdir -p code/python/documents code/python/hmw
mkdir assets/audio assets/imgs
mv instructions.docx notes.doc submission.pdf documents
mv .key .password .secrets.txt code/.hidden
mv earth.mp4 lain.mp4 assets/video
mv song1.mp3 song2.mp3 assets/audio
mv debian.png tux.png assets/imgs
mv hello.sh script.sh code/bash/example
mv challenge.py program.py code/python/hmw
rm garbage.txt no-longer-needed.txt to-be-deleted.txt
sudo rm -r .git
[sudo] password for student:
cp -r documents code/python
touch assets/this-file-is-empty.txt
~/lab6-challenge1
```
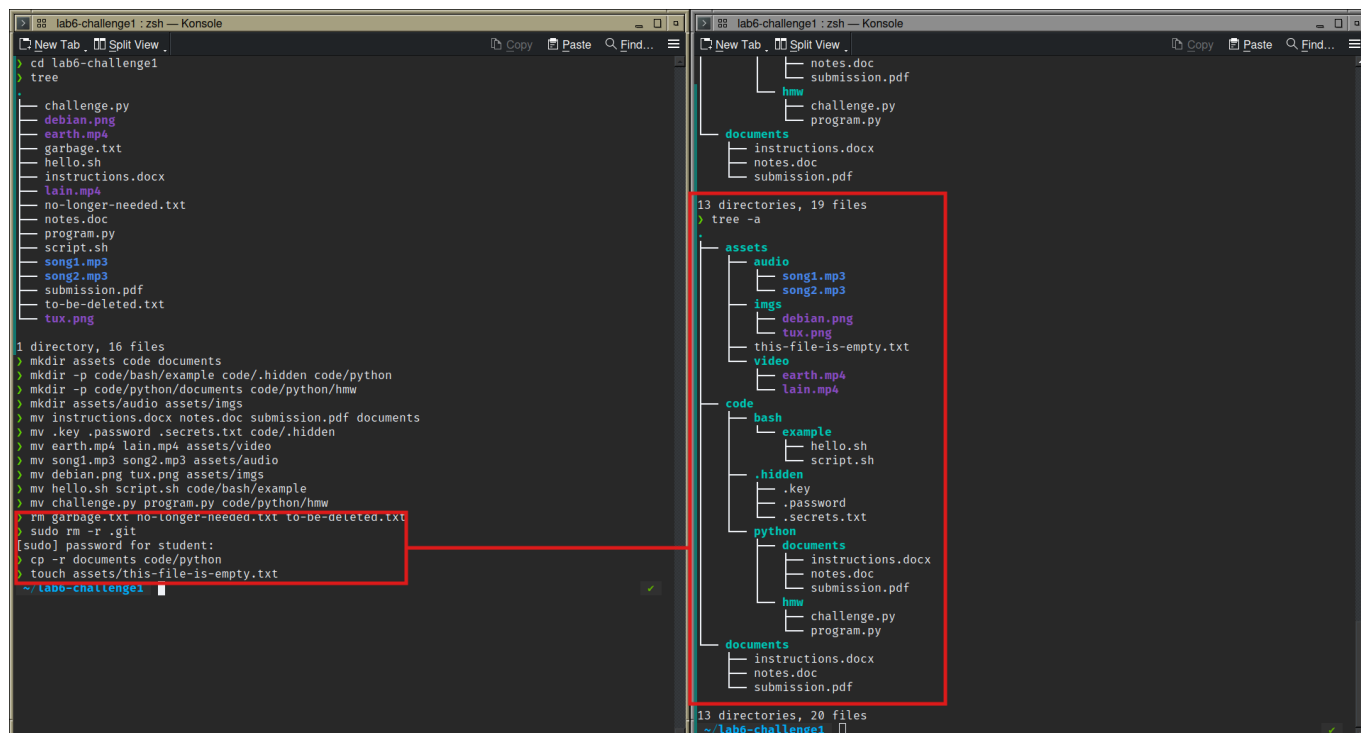
```
              notes.doc
              submission.pdf
       └── hmw
           ├── challenge.py
           └── program.py
   └── documents
       ├── instructions.docx
       ├── notes.doc
       └── submission.pdf

13 directories, 19 files
tree -a
.
├── assets
│   ├── audio
│   │   ├── song1.mp3
│   │   └── song2.mp3
│   ├── imgs
│   │   ├── debian.png
│   │   └── tux.png
│   ├── this-file-is-empty.txt
│   └── video
│       ├── earth.mp4
│       └── lain.mp4
├── code
│   ├── bash
│   │   └── example
│   │       ├── hello.sh
│   │       └── script.sh
│   ├── .hidden
│   │   ├── .key
│   │   ├── .password
│   │   └── .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
~/lab6-challenge1
```

Challenge Question 2 - Web Development


```
ls -lA
total 4108
drwxr-xr-x. 1 student student     122 Nov  9 20:40 .git
-rw-r--r--. 1 student student 2634711 Nov  7 15:25 img1.jpg
-rw-r--r--. 1 student student  557434 Nov  7 15:25 img2.jpg
-rw-r--r--. 1 student student 1000203 Nov  7 15:25 img3.jpg
-rw-r--r--. 1 student student    2918 Nov  7 14:50 index.html
~/lab6-challenge2 > main ?3
```



```
cd Downloads
mv pexels-chaitaastic-2093323.jpg ~/lab6-challenge2/img1.jpg
mv pexels-d-ng-nhan-324384-1529881.jpg ~/lab6-challenge2/img2.jpg
mv pexels-iriser-1366957.jpg ~/lab6-challenge2/img3.jpg
~/Downloads
```