

Lab6

Practice1

```
1: map@cis106: ~
map@cis106:~$ mkdir website
map@cis106:~$ cd website
map@cis106:~/website$ mkdir scripts assets
map@cis106:~/website$ touch index.html
map@cis106:~/website$ touch assets/image.png
map@cis106:~/website$ touch scripts/scripts.js
map@cis106:~/website$ tree .
.
└── assets
    └── image.png
── index.html
└── scripts
    └── scripts.js

3 directories, 3 files
map@cis106:~/website$ rm scripts/scripts.js assets/image.png
map@cis106:~/website$ rmdir scripts/ assets/
map@cis106:~/website$ cd ..
map@cis106:~$ rm -r website/
map@cis106:~$ _
```

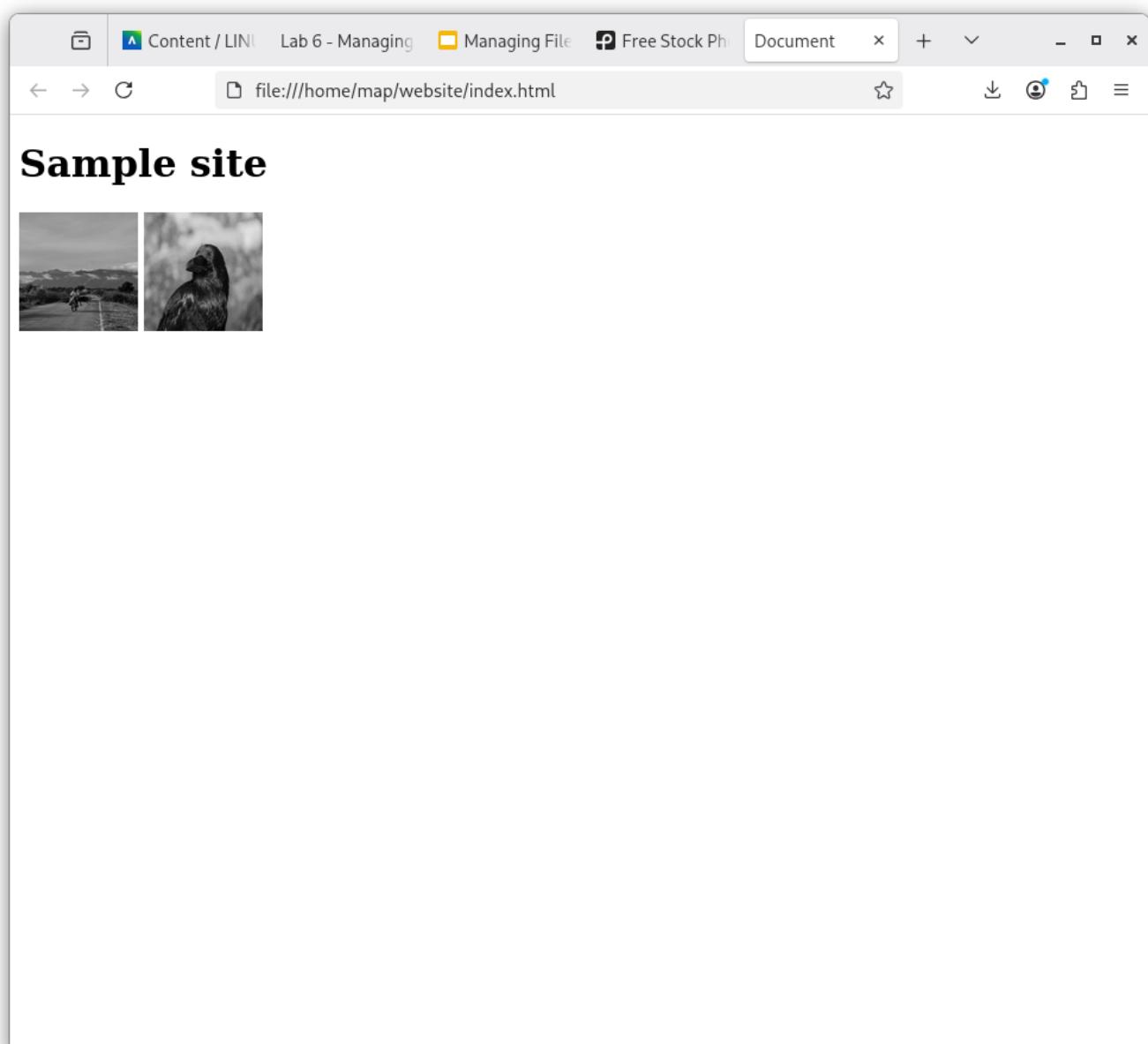
Practice2

The screenshot shows a terminal window titled "Tilix: map@cis106: /usr/share". The terminal interface includes a header bar with file operations (New, Open, Save, etc.) and window control buttons (Minimize, Maximize, Close). The main area displays a command-line session:

```
map@cis106:~$ cd /usr/share
map@cis106:/usr/share$ mkdir ~website
map@cis106:/usr/share$ mkdir -p ~website/assets/image/small
map@cis106:/usr/share$ touch ~website/assets/image/small/logo.png
map@cis106:/usr/share$ rm ~website/assets/image/small/logo.png
map@cis106:/usr/share$ rm -r ~website/
map@cis106:/usr/share$ _
```

Practice3

```
Applications Nov 10 5:31 PM
Tilix: map@cis106:~/website
map@cis106:~$ mkdir -p website/assets
map@cis106:~$ curl https://cis106.com/assets/samplesite.txt -o ~/website/index.html
% Total % Received % Xferd Average Speed Time Time Current
Dload Upload Total Spent Left Speed
100 455 100 455 0 0 1986 0 --::-- --::-- 1986
map@cis106:~$ ls ~/Downloads
games      lab5files.zip      pixels-sushil-mandi-2157176772-34644577.jpg  practicels.tar.xz
lab5files  managing-files-in-class-challenge-activities (1).pdf  pixels-thebigplanet-33815454.jpg  Untitled.jpeg
map@cis106:~$ mv ~/Download/pixels-sushil-mandi-2157176772-34644577.jpg ~/website/assets/
mv: cannot stat '/home/map/Download/pixels-sushil-mandi-2157176772-34644577.jpg': No such file or directory
map@cis106:~$ mv ~/Downloads/pixels-thebigplanet-33815454.jpg ~/website/assets/
map@cis106:~$ mv website/assets/pixels-sushil-mandi-2157176772-34644577.jpg website/assets/image.png
mv: cannot move 'website/assets/pixels-sushil-mandi-2157176772-34644577.jpg' to 'website/assets/image.png': No such file or directory
map@cis106:~$ cd ~/website/assets
map@cis106:~/website/assets$ mv pixels-sushil-mandi-2157176772-34644577.jpg image.png
map@cis106:~/website/assets$ mv pixels-thebigplanet-33815454.jpg image2.png
map@cis106:~/website$ cd ~/website
map@cis106:~/website$ xdg-open index.html
gio: file:///home/map/website/website/index.html: Error when getting information for file "/home/map/website/website/index.html": No such file or directory
map@cis106:~/website$ xdg-open index.html
map@cis106:~/website$ _
```



Challenge Question 1

Nov 10 9:45 PM Tilix: map@cis106: ~/lab6-challenge1

```
map@cis106:~/lab6-challenge1$ git clone https://github.com/linuxworkshop67/lab6-challenge1
Cloning into 'lab6-challenge1'...
remote: Enumerating objects: 17, done.
remote: Counting objects: 100% (17/17), done.
remote: Compressing objects: 100% (13/13), done.
remote: Total 17 (delta 1), reused 17 (delta 1), pack-reused 0 (from 0)
Receiving objects: 100% (17/17), 2.89 MiB | 15.44 MiB/s, done.
Resolving deltas: 100% (1/1), done.
map@cis106:~/lab6-challenge1$ ls
challenge.py hello.sh notes.doc song2.mp3
debian.png instructions.docx program.py submission.pdf
earth.mp4 lain.mp4 script.sh to-be-deleted.txt
garbage.txt no-longer-needed.txt song1.mp3 tux.png
map@cis106:~/lab6-challenge1$ mkdir -p assets/audio assets/imgs assets/video
map@cis106:~/lab6-challenge1$ mkdir -p code/bash code/.hidden code/python/hmw
bash: mkdir: command not found
map@cis106:~/lab6-challenge1$ mkdir -p code/bash code/.hidden code/python/hmw
map@cis106:~/lab6-challenge1$ mv song1.mp3 song2.mp3 assets/audio/
map@cis106:~/lab6-challenge1$ mv debian.png tux.png assets/imgs/
map@cis106:~/lab6-challenge1$ mv earth.mp4 lain.mp4 assets/video/
map@cis106:~/lab6-challenge1$ mv .key .secrets.txt code/.hidden/
map@cis106:~/lab6-challenge1$ mv challenge.py program.py code/python/hmw/
map@cis106:~/lab6-challenge1$ mv instruction.docx notes.doc submission.pdf documents/
mv: cannot stat 'instruction.docx': No such file or directory
map@cis106:~/lab6-challenge1$ mv instructions documents/
mv: cannot stat 'instructions': No such file or directory
map@cis106:~/lab6-challenge1$ mv instructions.docx documents/
map@cis106:~/lab6-challenge1$ rm garbage.txt
map@cis106:~/lab6-challenge1$ rm no-longer-needed.txt
map@cis106:~/lab6-challenge1$ rm to-be-deleted.txt
map@cis106:~/lab6-challenge1$ sudo rm -rf .git
[sudo] password for map:
map@cis106:~/lab6-challenge1$ mv code/bash/example/hello.sh code/bash/
mv: cannot stat 'code/bash/example/hello.sh': No such file or directory
map@cis106:~/lab6-challenge1$ mv hello.sh script.sh .password code/bash/
map@cis106:~/lab6-challenge1$ mkdir -p code/bash/example
map@cis106:~/lab6-challenge1$ mv code/bash/hello.sh code/bash/script.sh code/bash/example/
map@cis106:~/lab6-challenge1$ touch assets/imgs/this-file-is-empty.txt
map@cis106:~/lab6-challenge1$ mv assets/imgs/this-file-is-empty.txt
mv: missing destination file operand after `assets/imgs/this-file-is-empty.txt'.
Try 'mv --help' for more information.
map@cis106:~/lab6-challenge1$ mv assets/imgs/this-file-is-empty.txt assets/
map@cis106:~/lab6-challenge1$ mv code/bash/.password code/.hidden/
map@cis106:~/lab6-challenge1$ cp -r documents code/python/
map@cis106:~/lab6-challenge1$ _
```

2: map@cis106: ~/lab6-challenge1

```
12 directories, 17 files
map@cis106:~/lab6-challenge1$ tree -a
.
├── assets
│   ├── audio
│   │   └── song1.mp3
│   └── imgs
│       ├── debian.png
│       └── tux.png
│   └── this-file-is-empty.txt
└── video
    ├── earth.mp4
    └── lain.mp4
├── code
│   ├── bash
│   │   └── example
│   │       └── hello.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
map@cis106:~/lab6-challenge1$ _
```

Nov 10 9:46 PM Tilix: map@cis106: ~/lab6-challenge1

```
map@cis106:~/lab6-challenge1$ cd ~/lab6-challenge1
map@cis106:~/lab6-challenge1$ ls
challenge.py hello.sh notes.doc song2.mp3
debian.png instructions.docx program.py submission.pdf
earth.mp4 lain.mp4 script.sh to-be-deleted.txt
garbage.txt no-longer-needed.txt song1.mp3 tux.png
map@cis106:~/lab6-challenge1$ mkdir -p assets/audio assets/imgs assets/video
map@cis106:~/lab6-challenge1$ mkdir -p code/bash code/.hidden code/python/hmw
bash: mkdir: command not found
map@cis106:~/lab6-challenge1$ mkdir -p code/bash code/.hidden code/python/hmw
map@cis106:~/lab6-challenge1$ mv song1.mp3 song2.mp3 assets/audio/
map@cis106:~/lab6-challenge1$ mv debian.png tux.png assets/imgs/
map@cis106:~/lab6-challenge1$ mv earth.mp4 lain.mp4 assets/video/
map@cis106:~/lab6-challenge1$ mv .key .secrets.txt code/.hidden/
map@cis106:~/lab6-challenge1$ mv challenge.py program.py code/python/hmw/
map@cis106:~/lab6-challenge1$ mv instruction.docx notes.doc submission.pdf documents/
mv: cannot stat 'instruction.docx': No such file or directory
map@cis106:~/lab6-challenge1$ mv instructions documents/
mv: cannot stat 'instructions': No such file or directory
map@cis106:~/lab6-challenge1$ mv instructions.docx documents/
map@cis106:~/lab6-challenge1$ rm garbage.txt
map@cis106:~/lab6-challenge1$ rm no-longer-needed.txt
map@cis106:~/lab6-challenge1$ rm to-be-deleted.txt
map@cis106:~/lab6-challenge1$ sudo rm -rf .git
[sudo] password for map:
map@cis106:~/lab6-challenge1$ mv code/bash/example/hello.sh code/bash/
mv: cannot stat 'code/bash/example/hello.sh': No such file or directory
map@cis106:~/lab6-challenge1$ mv hello.sh script.sh .password code/bash/
map@cis106:~/lab6-challenge1$ mkdir -p code/bash/example
map@cis106:~/lab6-challenge1$ mv code/bash/hello.sh code/bash/script.sh code/bash/example/
map@cis106:~/lab6-challenge1$ touch assets/imgs/this-file-is-empty.txt
map@cis106:~/lab6-challenge1$ mv assets/imgs/this-file-is-empty.txt
mv: missing destination file operand after `assets/imgs/this-file-is-empty.txt'.
Try 'mv --help' for more information.
map@cis106:~/lab6-challenge1$ mv assets/imgs/this-file-is-empty.txt assets/
map@cis106:~/lab6-challenge1$ mv code/bash/.password code/.hidden/
map@cis106:~/lab6-challenge1$ cp -r documents code/python/
map@cis106:~/lab6-challenge1$ _
```

Challenge Question 2

