

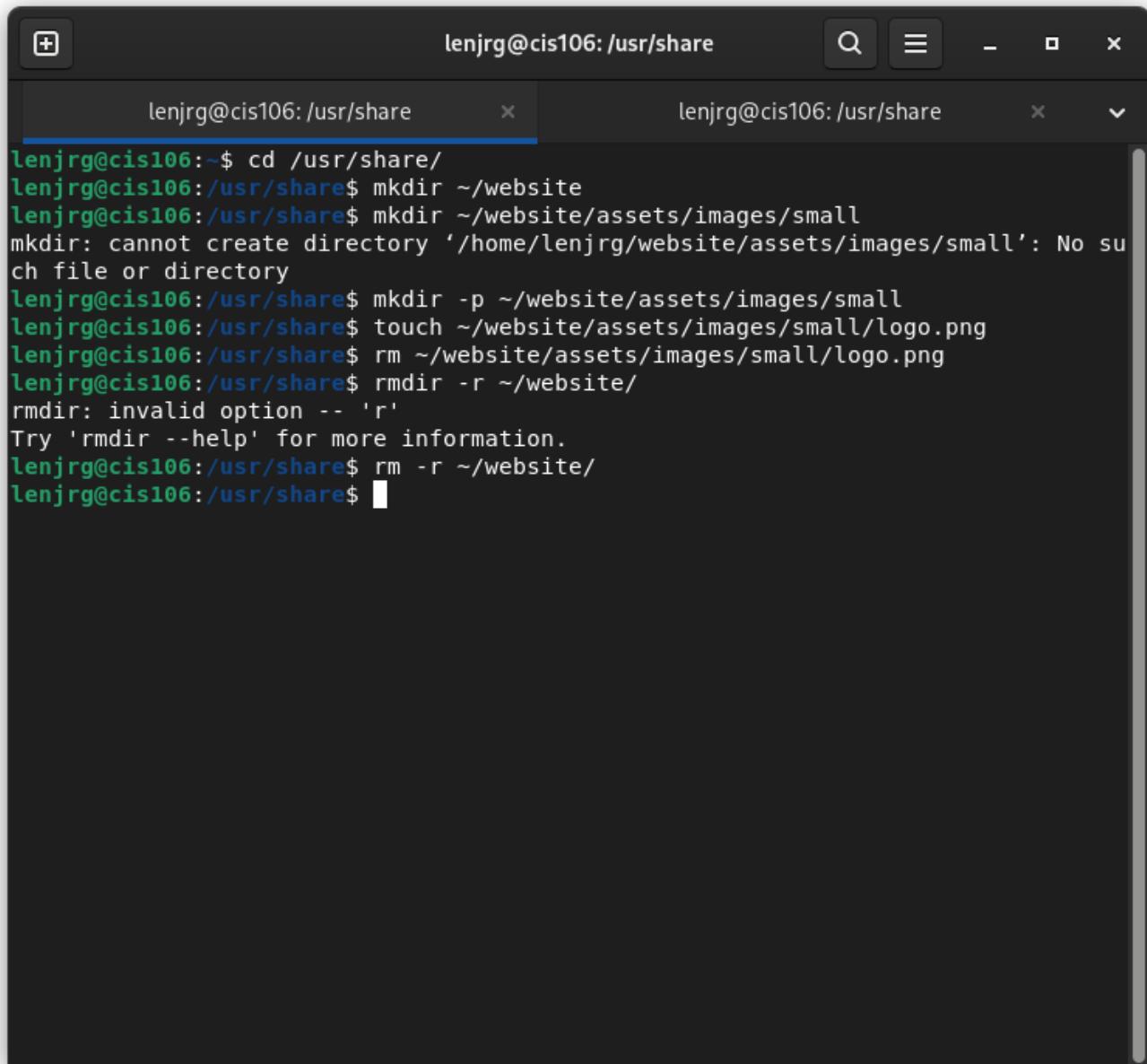
Lab 6 Submission

Question 1

```
lenjrg@cis106:~$ pwd
/home/lenjrg
lenjrg@cis106:~$ mkdir website
lenjrg@cis106:~$ cd website/
lenjrg@cis106:~/website$ mkdir script assets
lenjrg@cis106:~/website$ touch index.html
lenjrg@cis106:~/website$ cd assets/
lenjrg@cis106:~/website/assets$ touch image.png
lenjrg@cis106:~/website/assets$ cd ../
lenjrg@cis106:~/website$ cd script/
lenjrg@cis106:~/website/script$ touch script.js
lenjrg@cis106:~/website/script$ cd ../
lenjrg@cis106:~/website$ tree
.
├── assets
│   └── image.png
└── index.html
    └── script
        └── script.js

3 directories, 3 files
lenjrg@cis106:~/website$ rm script/script.js assets/image.png
lenjrg@cis106:~/website$ rmdir script/ assets/
lenjrg@cis106:~/website$ cd ../
lenjrg@cis106:~$ rmdir website/
rmdir: failed to remove 'website/': Directory not empty
lenjrg@cis106:~$ rmdir -r website/
rmdir: invalid option -- 'r'
Try 'rmdir --help' for more information.
lenjrg@cis106:~$ rm -r website/
lenjrg@cis106:~$ ls -h
bastet      Downloads      marstenhouse.sh  q          Templates
cis106      essentials.sh  Music           scripts    Videos
DTS  SPELL CHECKER
```

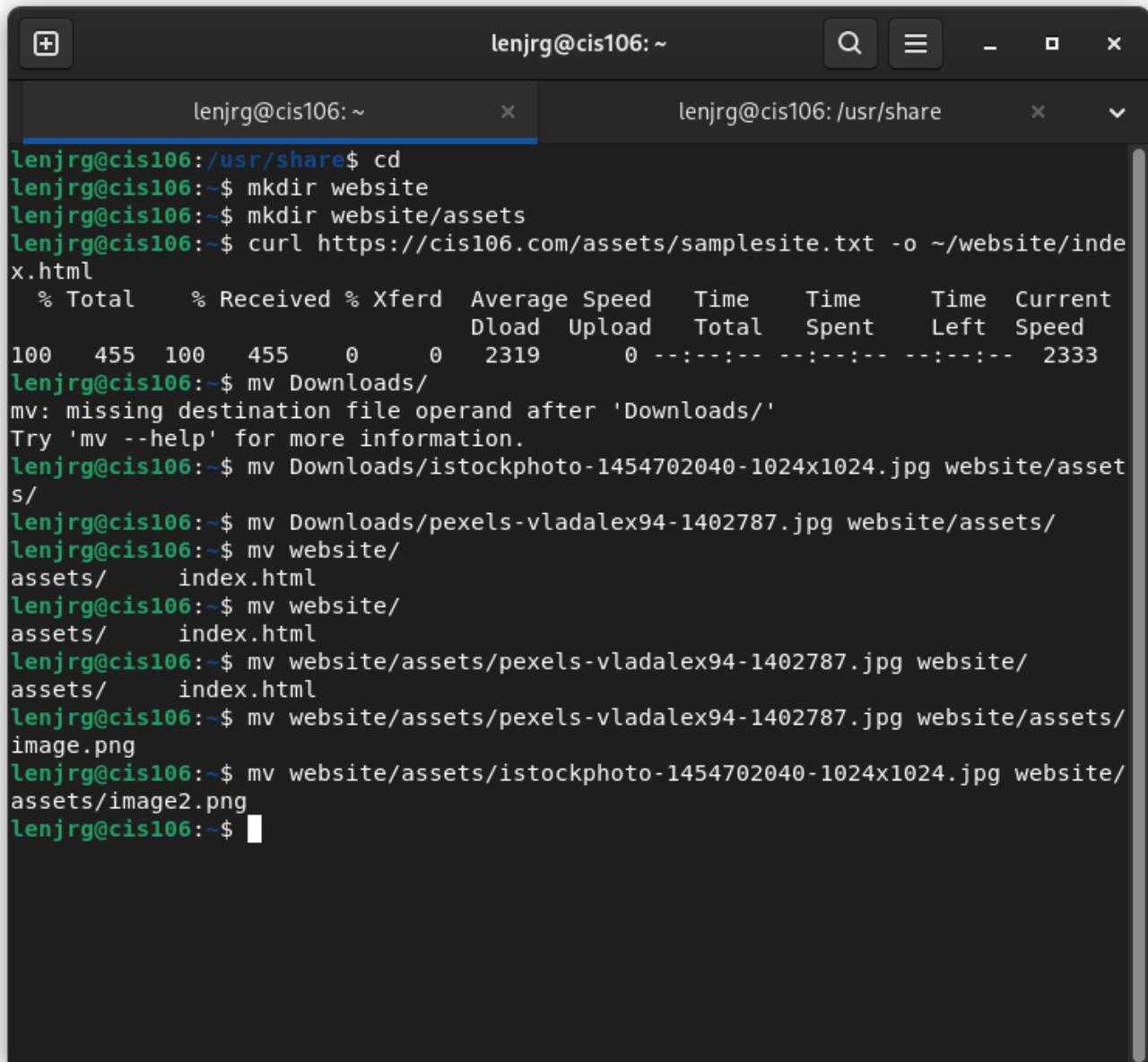
Question 2



The screenshot shows a terminal window with two tabs open, both titled "lenjrg@cis106: /usr/share". The left tab contains the following command history:

```
lenjrg@cis106:~$ cd /usr/share/
lenjrg@cis106:/usr/share$ mkdir ~website
lenjrg@cis106:/usr/share$ mkdir ~website/assets/images/small
mkdir: cannot create directory '/home/lenjrg/website/assets/images/small': No such file or directory
lenjrg@cis106:/usr/share$ mkdir -p ~website/assets/images/small
lenjrg@cis106:/usr/share$ touch ~website/assets/images/small/logo.png
lenjrg@cis106:/usr/share$ rm ~website/assets/images/small/logo.png
lenjrg@cis106:/usr/share$ rmdir -r ~website/
rmdir: invalid option -- 'r'
Try 'rmdir --help' for more information.
lenjrg@cis106:/usr/share$ rm -r ~website/
lenjrg@cis106:/usr/share$ █
```

Question 3



The screenshot shows a terminal window with two tabs. The left tab is titled 'lenjrg@cis106: ~' and the right tab is titled 'lenjrg@cis106: /usr/share'. Both tabs have an 'x' button. The window has standard OS X-style controls at the top: a search icon, a menu icon, and minimize/maximize/close buttons.

The terminal content is as follows:

```
lenjrg@cis106:/usr/share$ cd
lenjrg@cis106:~$ mkdir website
lenjrg@cis106:~$ mkdir website/assets
lenjrg@cis106:~$ curl https://cis106.com/assets/samplesite.txt -o ~/website/index.html
      % Total    % Received % Xferd  Average Speed   Time     Time     Time  Current
         Dload  Upload   Total   Spent   Left  Speed
100  455  100  455    0     0  2319      0 --:--:-- --:--:-- 2333
lenjrg@cis106:~$ mv Downloads/
mv: missing destination file operand after 'Downloads/'
Try 'mv --help' for more information.
lenjrg@cis106:~$ mv Downloads/istockphoto-1454702040-1024x1024.jpg website/assets/
lenjrg@cis106:~$ mv Downloads/pexels-vladalex94-1402787.jpg website/assets/
lenjrg@cis106:~$ mv website/
assets/ index.html
lenjrg@cis106:~$ mv website/
assets/ index.html
lenjrg@cis106:~$ mv website/assets/pexels-vladalex94-1402787.jpg website/assets/
image.png
lenjrg@cis106:~$ mv website/assets/pexels-vladalex94-1402787.jpg website/assets/
image2.png
lenjrg@cis106:~$
```

Challenge Question 1

```
lenjrg@cis106:~/lab6-challenge1$ mkdir assets/audio
mkdir: cannot create directory 'assets/audio': No such file or
directory
lenjrg@cis106:~/lab6-challenge1$ mkdir -p assets/audio assets/
imgs assets/video
lenjrg@cis106:~/lab6-challenge1$ touch assets/this-file-is-emp
ty.txt
lenjrg@cis106:~/lab6-challenge1$ ls -a
.           hello.sh          script.sh
..          instructions.docx .secrets.txt
assets      .key              song1.mp3
challenge.py lain.mp4         song2.mp3
debian.png   no-longer-needed.txt submission.pdf
earth.mp4    notes.doc        to-be-deleted.txt
garbage.txt  .password        tux.png
.git         program.py
lenjrg@cis106:~/lab6-challenge1$ mv song1.mp3 assets/audio/
lenjrg@cis106:~/lab6-challenge1$ mv song2.mp3 assets/audio/
lenjrg@cis106:~/lab6-challenge1$ mv debian.png assets/imgs/
lenjrg@cis106:~/lab6-challenge1$ mv tux.png assets/imgs/
lenjrg@cis106:~/lab6-challenge1$ mv earth.mp4 assets/video/
lenjrg@cis106:~/lab6-challenge1$ mv lain.mp4 assets/video/
lenjrg@cis106:~/lab6-challenge1$ mkdir -p code/bash code/hidde
n /python
mkdir: cannot create directory '/python': Permission denied
lenjrg@cis106:~/lab6-challenge1$ mkdir -p code/bash code/hidde
n "/python"
mkdir: cannot create directory '/python': Permission denied
lenjrg@cis106:~/lab6-challenge1$ mkdir -p code/bash code/.hidd
en code/python
lenjrg@cis106:~/lab6-challenge1$ mkdir ~/code/
lenjrg@cis106:~/lab6-challenge1$ mkdir ~/code/bash/example

lenjrg@cis106:~/lab6-challenge1$ mkdir -p code/python/documents
code/python/hmw
lenjrg@cis106:~/lab6-challenge1$ mv hello.sh code/bash/example/
lenjrg@cis106:~/lab6-challenge1$ mv script.sh code/bash/example/
lenjrg@cis106:~/lab6-challenge1$ move .key code/.hidden/
bash: move: command not found
lenjrg@cis106:~/lab6-challenge1$ mv .key code/.hidden/
lenjrg@cis106:~/lab6-challenge1$ mv .password code/.hidden/
lenjrg@cis106:~/lab6-challenge1$ mv .secrets.txt code/.hidden/
lenjrg@cis106:~/lab6-challenge1$ mv instructions.docx code/pyt
hon/documents/
lenjrg@cis106:~/lab6-challenge1$ mv no
no-longer-needed.txt notes.doc
lenjrg@cis106:~/lab6-challenge1$ mv notes.doc code/python/docu
ments/
lenjrg@cis106:~/lab6-challenge1$ mv submission.pdf code/python
/documents/
```

```
lenjrg@cis106:~/lab6-challenge1$ mv challenge.py code/python/hmw/
lenjrg@cis106:~/lab6-challenge1$ mv program.py code/python/hmw/
lenjrg@cis106:~/lab6-challenge1$ mkdir documents
lenjrg@cis106:~/lab6-challenge1$ cp code/python/documents/instructions.docx documents/
lenjrg@cis106:~/lab6-challenge1$ cp code/python/documents/notes.doc documents/
lenjrg@cis106:~/lab6-challenge1$ cp code/python/documents/submission.pdf documents/
lenjrg@cis106:~/lab6-challenge1$ rm garbage.txt no-longer-needed.txt to-be-deleted.txt
```

```
... cis106: ~/lab6-challenge1 ▾      □  ✎  
lenjrg@cis106:~$ cd lab6-chall  
enge1/  
lenjrg@cis106:~/lab6-challenge  
1$ sudo rm .git  
[sudo] password for lenjrg:  
Sorry, try again.  
[sudo] password for lenjrg:  
rm: cannot remove '.git': Is a  
directory  
lenjrg@cis106:~/lab6-challenge  
1$ sudo rm -r .git  
lenjrg@cis106:~/lab6-challenge  
1$ □
```

```
.
├── assets
│   ├── audio
│   │   └── song1.mp3
│   │   └── song2.mp3
│   ├── imgs
│   │   └── debian.png
│   │   └── tux.png
│   └── this-file-is-empty.txt
└── 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
lenjrg@cis106:~/lab6-challenge1$
```

Challenge Question 2

```
1: lenjrg@cis106: ~/lab6-challenge2
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
lenjrg@cis106:~$ cd lab6-challenge2
lenjrg@cis106:~/lab6-challenge2$ mv ~/Downloads/pexels-
pexels-alexander-kagan-2154133501-34491460.jpg
pexels-oskar-gross-1074333632-34192189.jpg
pexels-rinoadamo-34553015.jpg
lenjrg@cis106:~/lab6-challenge2$ mv ~/Downloads/pexels-oskar-gross-1074333632-34192189.jpg
~/lab6-challenge/img1.jpg
mv: cannot move '/home/lenjrg/Downloads/pexels-oskar-gross-1074333632-34192189.jpg' to '/ho
me/lenjrg/lab6-challenge/img1.jpg': No such file or directory
lenjrg@cis106:~/lab6-challenge2$ mv ~/Downloads/pexels-oskar-gross-1074333632-34192189.jpg
~/lab6-challenge2/img1.jpg
lenjrg@cis106:~/lab6-challenge2$ mv ~/Downloads/pexels-
pexels-alexander-kagan-2154133501-34491460.jpg
pexels-rinoadamo-34553015.jpg
lenjrg@cis106:~/lab6-challenge2$ mv ~/Downloads/pexels-rinoadamo-34553015.jpg ~/lab6-challe
nge2/img2.jpg
lenjrg@cis106:~/lab6-challenge2$ mv ~/Downloads/pexels-alexander-kagan-2154133501-34491460.
jpg ~/lab6-challenge2/img3.jpg
lenjrg@cis106:~/lab6-challenge2$ ls
img1.jpg img2.jpg img3.jpg index.html
lenjrg@cis106:~/lab6-challenge2$ ls -1X
index.html
img1.jpg
img2.jpg
img3.jpg
lenjrg@cis106:~/lab6-challenge2$
```

