

LAB 6

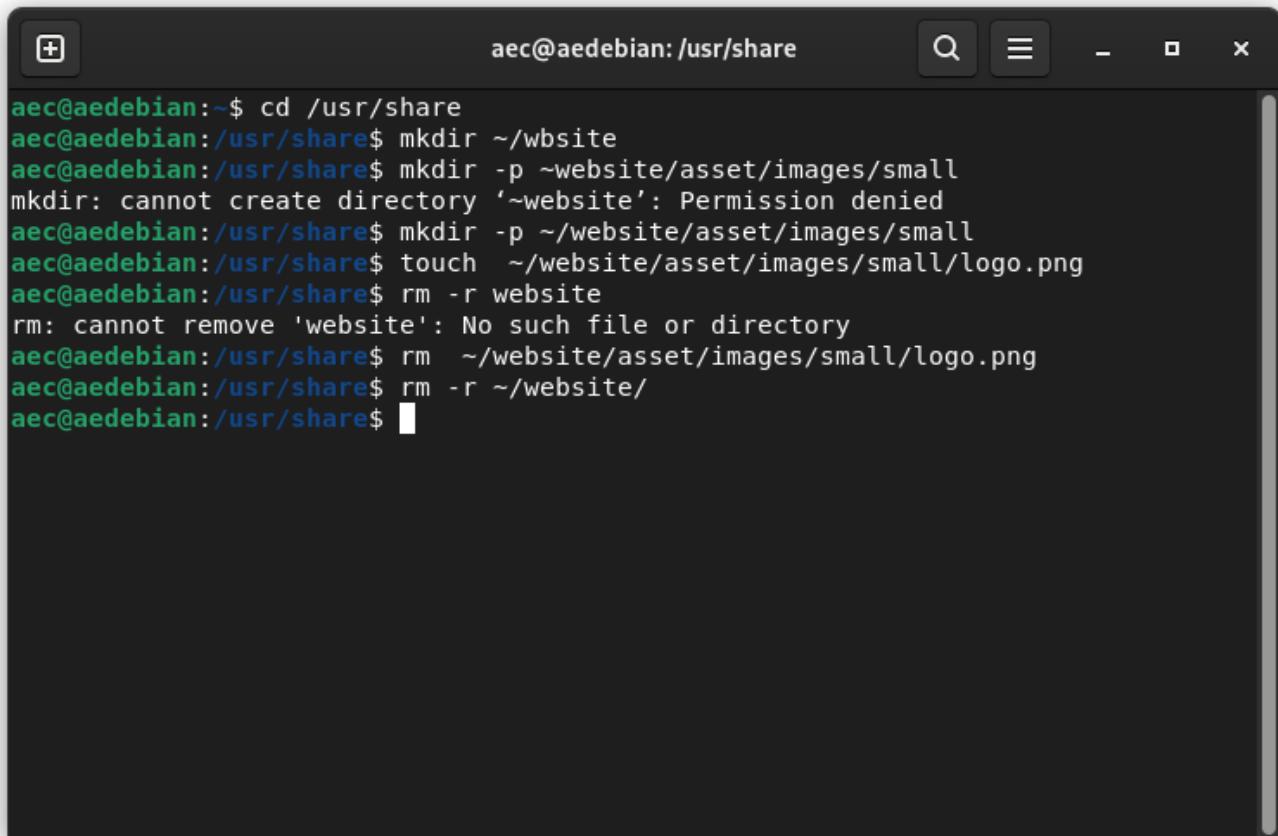
Practice 1

The screenshot shows a terminal window with a dark theme. The title bar reads "aec@aedebian:~". The terminal displays the following command-line session:

```
aec@aedebian:~$ mkdir website
aec@aedebian:~$ cd website
aec@aedebian:~/website$ mkdir script
aec@aedebian:~/website$ mkdir assets
aec@aedebian:~/website$ touch index.html
aec@aedebian:~/website$ cd assets
aec@aedebian:~/website/assets$ touch image.png
aec@aedebian:~/website/assets$ cd ..
aec@aedebian:~/website$ cd script
aec@aedebian:~/website/script$ touch script.js
aec@aedebian:~/website/script$ cd ..
aec@aedebian:~/website$ tree -a
.
+-- assets
    +-- image.png
-- index.html
-- script
    +-- script.js

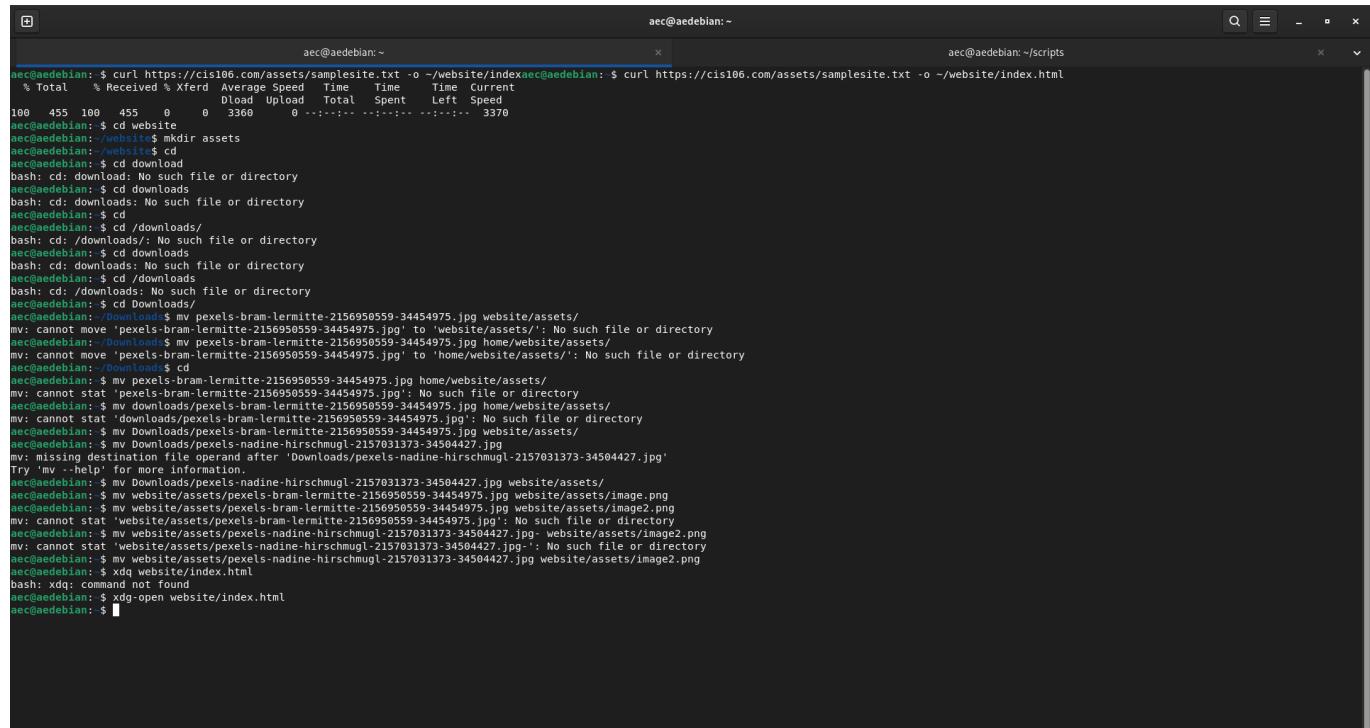
3 directories, 3 files
aec@aedebian:~/website$ rm image.png
rm: cannot remove 'image.png': No such file or directory
aec@aedebian:~/website$ rm index.html
aec@aedebian:~/website$ cd ..
aec@aedebian:~/website$ cd script
aec@aedebian:~/website/script$ rm script.js
aec@aedebian:~/website/script$ cd ..
aec@aedebian:~/website$ rm script assets
rm: cannot remove 'script': Is a directory
rm: cannot remove 'assets': Is a directory
aec@aedebian:~/website$ rm -r script assets
aec@aedebian:~/website$ cd ..
aec@aedebian:~$ rm -r website
aec@aedebian:~$
```

Practice 2



```
aec@aedebian:~$ cd /usr/share
aec@aedebian:/usr/share$ mkdir ~/wbsite
aec@aedebian:/usr/share$ mkdir -p ~website/asset/images/small
mkdir: cannot create directory '~website': Permission denied
aec@aedebian:/usr/share$ mkdir -p ~/website/asset/images/small
aec@aedebian:/usr/share$ touch ~/website/asset/images/small/logo.png
aec@aedebian:/usr/share$ rm -r website
rm: cannot remove 'website': No such file or directory
aec@aedebian:/usr/share$ rm ~/website/asset/images/small/logo.png
aec@aedebian:/usr/share$ rm -r ~/website/
aec@aedebian:/usr/share$ 
```

Practice 3



```
aec@aedebian:~$ curl https://cis106.com/assets/samplesite.txt -o ~/website/indexaec@aedebian: $ curl https://cis106.com/assets/samplesite.txt -o ~/website/index.html
% Total    % Received % Xferd  Average Speed   Time   Time     Current
          0      0      0      0      0      0      0      0 --:--:-- --:--:-- --:--:-- 5370
aec@aedebian: $ cd website
aec@aedebian:~/website$ mkdir assets
aec@aedebian:~/website$ cd
aec@aedebian: $ cd download
bash: cd: download: No such file or directory
aec@aedebian: $ cd downloads
bash: cd: downloads: No such file or directory
aec@aedebian: $ cd /downloads/
bash: cd: /downloads/: No such file or directory
aec@aedebian: $ cd downloads
bash: cd: downloads: No such file or directory
aec@aedebian: $ cd /downloads
bash: cd: /downloads: No such file or directory
aec@aedebian: $ cd Downloads/
aec@aedebian:~/Downloads$ mv pixels-bram-leermite-2156950559-34454975.jpg website/assets/
mv: cannot move 'pixels-bram-leermite-2156950559-34454975.jpg' to 'website/assets/': No such file or directory
aec@aedebian:~/Downloads$ mv pixels-bram-leermite-2156950559-34454975.jpg home/website/assets/
mv: cannot move 'pixels-bram-leermite-2156950559-34454975.jpg' to 'home/website/assets/': No such file or directory
aec@aedebian:~/Downloads$ mv pixels-bram-leermite-2156950559-34454975.jpg cd
aec@aedebian:~/Downloads$ mv pixels-bram-leermite-2156950559-34454975.jpg home/website/assets/
mv: cannot stat 'pixels-bram-leermite-2156950559-34454975.jpg': No such file or directory
aec@aedebian:~/Downloads$ mv pixels-bram-leermite-2156950559-34454975.jpg home/website/assets/
mv: cannot stat 'downloads/pixels-bram-leermite-2156950559-34454975.jpg': No such file or directory
aec@aedebian:~/Downloads$ mv pixels-bram-leermite-2156950559-34454975.jpg home/website/assets/
aec@aedebian:~/Downloads$ mv pixels-bram-nadine-hirschmugl-2157031373-34504427.jpg
mv: missing destination file operand after 'Downloads/pixels-nadine-hirschmugl-2157031373-34504427.jpg'
Try 'man mv' for more information.
aec@aedebian:~/Downloads$ mv Downloads/pixels-nadine-hirschmugl-2157031373-34504427.jpg website/assets/
aec@aedebian:~/Downloads$ mv website/assets/pixels-bram-leermite-2156950559-34454975.jpg website/assets/image.png
aec@aedebian:~/Downloads$ mv website/assets/pixels-bram-leermite-2156950559-34454975.jpg website/assets/image2.png
mv: cannot stat 'website/assets/pixels-bram-leermite-2156950559-34454975.jpg': No such file or directory
aec@aedebian:~/Downloads$ mv website/assets/pixels-nadine-hirschmugl-2157031373-34504427.jpg website/assets/image2.png
mv: cannot stat 'website/assets/pixels-nadine-hirschmugl-2157031373-34504427.jpg': No such file or directory
aec@aedebian:~/Downloads$ mv website/assets/pixels-nadine-hirschmugl-2157031373-34504427.jpg website/assets/image2.png
aec@aedebian:~/Downloads$ xdg command not found
aec@aedebian:~/Downloads$ xdg-open website/index.html
bash: xdg: command not found
aec@aedebian:~/Downloads$ xdg-open website/index.html
aec@aedebian:~/Downloads$ 
```

Challenge Question 1

```
aec@aedebian:~/lab6-challenge1
aec@aedebian:~/scripts
aec@aedebian:~/lab6-challenge1
```

aec@aedebian:~/lab6-challenge1\$ tree -a

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

```
Nov 5 6:38 PM
```

Applications

```
aec@aedebian:~ aec@aedebian:~/scripts aec@aedebian:~/lab6-challenge1 aec@aedebian:~/scripts
```

```
593 mv pexels-bram-lermitte-2156950559-34454975.jpg home/website/assets/
594 cd
595 mv pexels-bram-lermitte-2156950559-34454975.jpg home/website/assets/
596 mv Downloads/pexels-bram-lermitte-2156950559-34454975.jpg home/website/assets/
597 mv Downloads/pexels-bram-lermitte-2156950559-34454975.jpg website/assets/
598 mv Downloads/pexels-nadine-hirschmugl-2157031373-34504427.jpg
599 mv Downloads/pexels-nadine-hirschmugl-2157031373-34504427.jpg website/assets/
600 mv website/assets/pexels-bram-lermitte-2156950559-34454975.jpg website/assets/image.png
601 mv website/assets/pexels-bram-lermitte-2157031373-34504427.jpg website/assets/image2.png
602 mv website/assets/pexels-nadine-hirschmugl-2157031373-34504427.jpg website/assets/image2.png
603 xdq website/index.html
604*
605* mv
606 mv /cis106/labs/lab6/question1.png cis106/labs/lab6/question1.1.png
607 clear
608 mkdir lab6-challenge1/assets/audio
609 mkdir lab6-challenge1/
610 mkdir lab6-challenge1/assets/audio
611 mkdir lab6-challenge1/assets/
612 mkdir lab6-challenge1/assets/audio
613 mkdir lab6-challenge1/imgs
614 mkdir lab6-challenge1/assets/imgs
615 mkdir lab6-challenge1/assets/video
616 touch lab6-challenge1/assets>this-file-is-empty.txt
617 touch lab6-challenge1/assets/audio/song1.mp3 lab6-challenge1/assets/audio/song2.mp3
618 touch lab6-challenge1/assets/imgs/debian.png lab6-challenge1/assets/imgs/tux.png
619 touch lab6-challenge1/assets/video/earth.mp4 lab6-challenge1/assets/video/lain.mp4
620 mkdir lab6-challenge1/code/bash/example
621 mkdir lab6-challenge1/code/
622 mkdir lab6-challenge1/code/bash
623 mkdir lab6-challenge1/code/bash/example
624 touch lab6-challenge1/code/bash/example/hello.sh lab6-challenge1/code/bash/example/script.sh
625 touch lab6-challenge1/code/.hidden
626 mkdir lab6-challenge1/code/.hidden
627 touch lab6-challenge1/code/.hidden/.key
628 touch lab6-challenge1/code/.hidden/.password
629 touch lab6-challenge1/code/.hidden/secrets.txt
630 mkdir lab6-challenge1/code/python
631 mkdir lab6-challenge1/code/python/documents
632 touch lab6-challenge1/code/python/documents/instructions.docx
633 touch lab6-challenge1/code/python/documents/notes.doc
634 touch lab6-challenge1/code/python/documents/submission.pdf
635 mkdir lab6-challenge1/code/python/hmw
636 touch lab6-challenge1/code/python/hmw/challenge.py
637 touch lab6-challenge1/code/python/hmw/program.py
638 mkdir lab6-challenge1/documents
639 touch lab6-challenge1/documents/instructions.docx
640 touch lab6-challenge1/documents/notes.doc
641 touch lab6-challenge1/documents/submission.pdf
642 tree -a
643 history
aec@aedebian: $
```

Challenge Question 2

```
aec@aedebian:~$ cd ~/Downloads  
aec@aedebian:~/Downloads$ mv pexels-pixabay-50594.jpg ~/cis106/lab6-challenge2/  
aec@aedebian:~/Downloads$ mv pexels-christian-heitz-285904-842711.jpg ~/cis106/l  
ab6-challenge2/  
aec@aedebian:~/Downloads$ mv pexels-eberhardgross-443446.jpg ~/cis106/lab6-chall  
enge2/  
aec@aedebian:~/Downloads$ cd  
aec@aedebian:~$ cd ~/cis106/lab6-challenge2/  
aec@aedebian:~/cis106/lab6-challenge2$ mv pexels-pixabay-50594.jpg img1.jpg  
aec@aedebian:~/cis106/lab6-challenge2$ mv pexels-christian-heitz-285904-842711.j  
pg img2.jpg  
aec@aedebian:~/cis106/lab6-challenge2$ mv pexels-eberhardgross-443446.jpg img3.j  
pg  
aec@aedebian:~/cis106/lab6-challenge2$ ls  
img1.jpg img2.jpg img3.jpg index.html  
aec@aedebian:~/cis106/lab6-challenge2$ █
```

