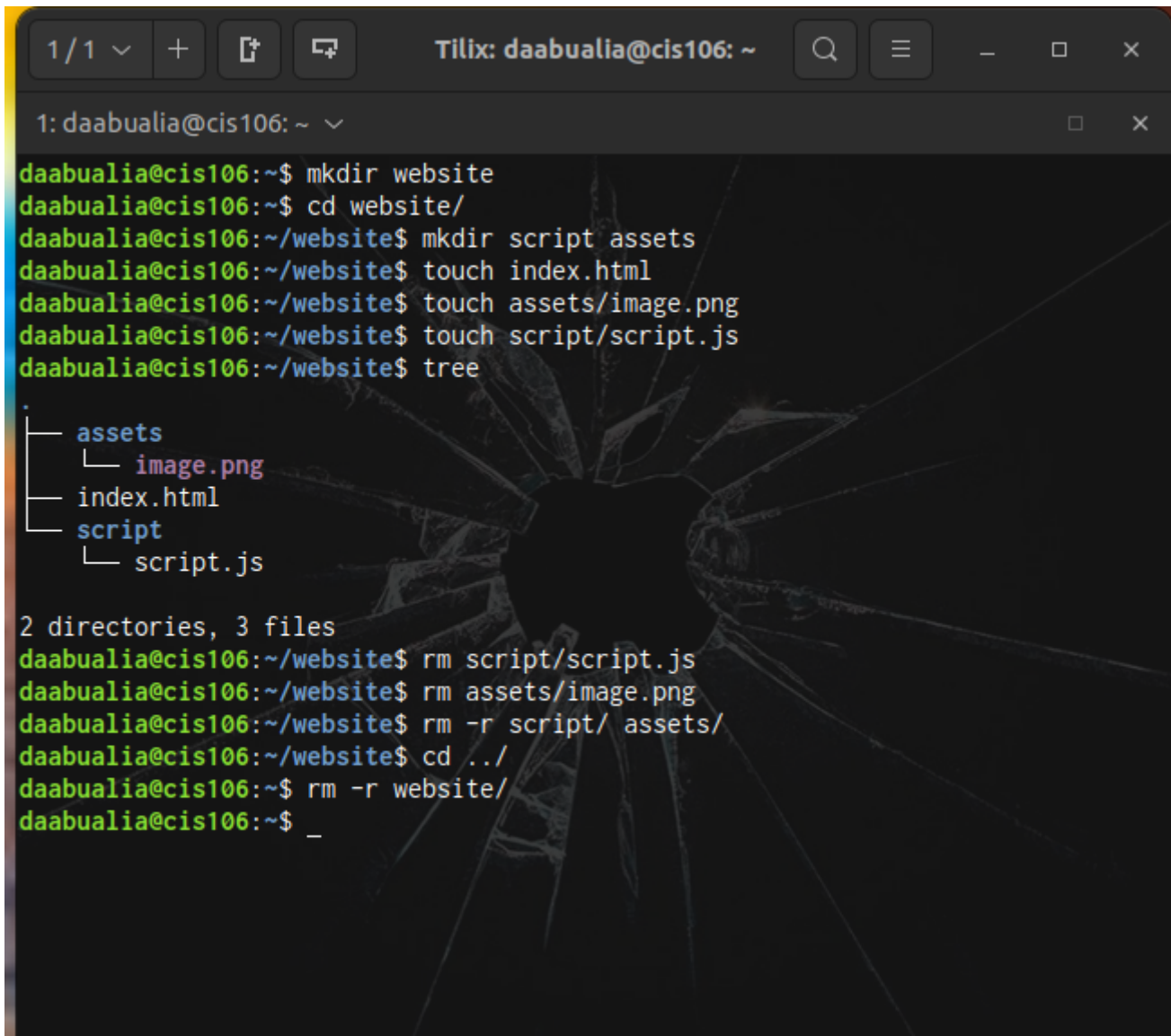


Week report 5

Answer to questions.

- **What are Command Options?** Commands are often followed by options that modify/enhance their behavior.
- **What are Command Arguments?** which are the items the command acts on.
- **Which command is used for creating directories? Provide at least 3 examples.** the command is mkdir
 - example 1: *mkdir apple
 - example 2 :
 - mkdir apple ~/Downloads/music/
 - example 3 :
 - mkdir orange ~/Documents/labs
- **What does the touch command do? Provide at least 3 examples.** touch command is used for creating files
 - example 1:
 - touch list
 - example 2: touch ~/Downloads/games.txt
 - example 3:
 - touch Downloads/games2.txt
- **How do you remove a file? Provide an example.** Remove a file with the rm command.
- Example: rm apple
- **How do you remove a directory and can you remove non-empty directories in Linux? Provide an example** To remove a directory u can use rmdir . Yes you can remove a non empty directories in linux using rm -r command.
- Example : rm -r Downloads/games
- **Explain the mv and cp command. Provide at least 2 examples of each**
- mv command moves and renames directories. for example :
 - mv downloads/text.pdf Documents/
 - mv Downloads/pics /usr/share/themes
- cp command to copies files and directories from a source to a destination.
 - cp Downloads/wallpapers.txt Document/
 - cp -r ~/Document/docs ~/ Downloads/

Practice 1



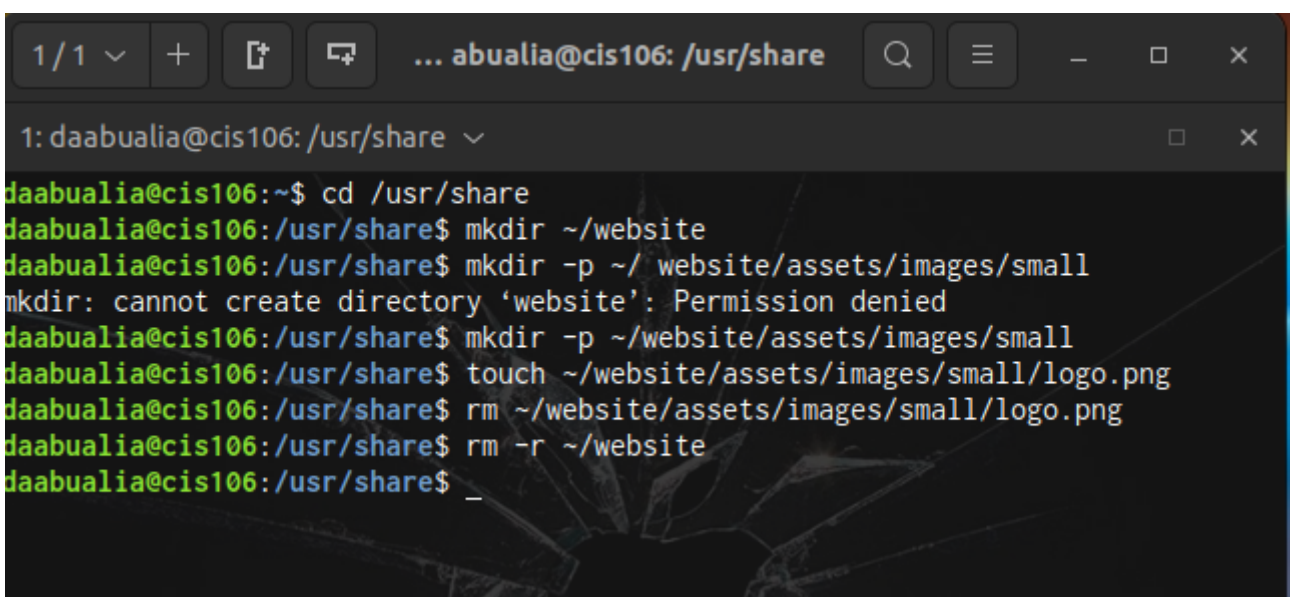
```
1/1  +  [icon] [icon]  Tilix: daabualia@cis106: ~  [search] [menu] [window] [close]

1: daabualia@cis106: ~  [icon] [close]

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

2 directories, 3 files
daabualia@cis106:~/website$ rm script/script.js
daabualia@cis106:~/website$ rm assets/image.png
daabualia@cis106:~/website$ rm -r script/ assets/
daabualia@cis106:~/website$ cd ../
daabualia@cis106:~$ rm -r website/
daabualia@cis106:~$ _
```

Practice 2



```
1/1  +  [icon] [icon]  ... abualia@cis106: /usr/share  [search] [menu] [window] [close]

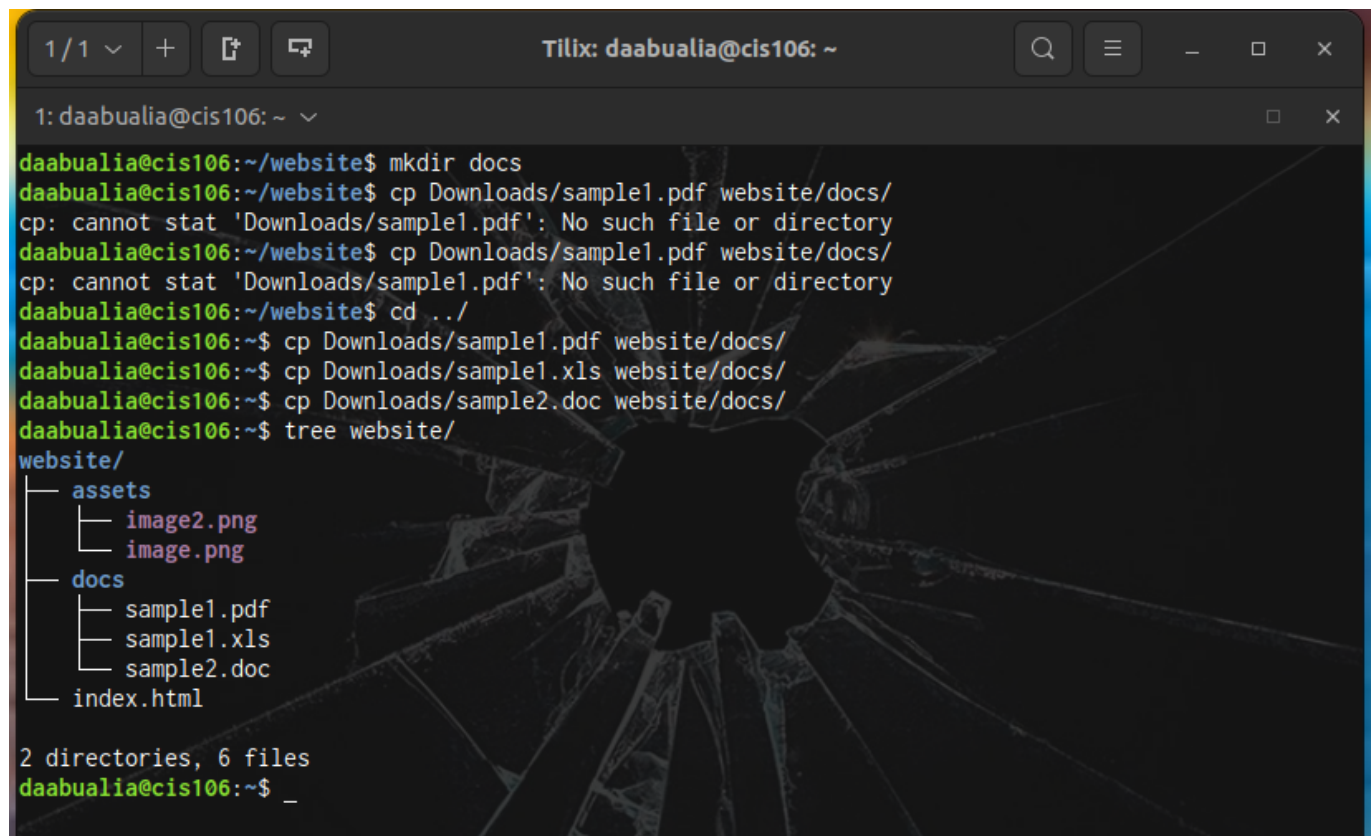
1: daabualia@cis106: /usr/share  [icon] [close]

daabualia@cis106:~$ cd /usr/share
daabualia@cis106:/usr/share$ mkdir ~/website
daabualia@cis106:/usr/share$ mkdir -p ~/ website/assets/images/small
mkdir: cannot create directory 'website': Permission denied
daabualia@cis106:/usr/share$ mkdir -p ~/website/assets/images/small
daabualia@cis106:/usr/share$ touch ~/website/assets/images/small/logo.png
daabualia@cis106:/usr/share$ rm ~/website/assets/images/small/logo.png
daabualia@cis106:/usr/share$ rm -r ~/website
daabualia@cis106:/usr/share$ _
```

practice 3

```
daabualia@cis106:~$ mkdir -p website/assets
daabualia@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  372  100  372    0     0   275      0  0:00:01  0:00:01 --:--:--  275
daabualia@cis106:~$ mv Downloads/pexels-photo-1435735.jpeg website/assets
daabualia@cis106:~$ mv Downloads/pexels-photo-709567.jpeg website/assets
daabualia@cis106:~$ mv website/assets/pexels-photo-1435735.jpeg website/assets/image.png
daabualia@cis106:~$ mv website/assets/pexels-photo-709567.jpeg website/assets/image2.png
```

practice 4

A terminal window titled 'Tilix: daabualia@cis106: ~' showing a series of commands and their outputs. The user creates a 'docs' directory, attempts to copy files from 'Downloads' (which fail because the files don't exist), then successfully copies 'sample1.pdf', 'sample1.xls', and 'sample2.doc' into the 'docs' directory. Finally, they run 'tree website/' to show the directory structure, which includes 'assets' with two images and 'docs' with three files, plus an 'index.html' file in the root of the 'website' directory. The summary shows 2 directories and 6 files.

```
1/1  +  [icons]  Tilix: daabualia@cis106: ~  [search] [menu] [window controls]

1: daabualia@cis106: ~  [close]

daabualia@cis106:~/website$ mkdir docs
daabualia@cis106:~/website$ cp Downloads/sample1.pdf website/docs/
cp: cannot stat 'Downloads/sample1.pdf': No such file or directory
daabualia@cis106:~/website$ cp Downloads/sample1.pdf website/docs/
cp: cannot stat 'Downloads/sample1.pdf': No such file or directory
daabualia@cis106:~/website$ cd ../
daabualia@cis106:~$ cp Downloads/sample1.pdf website/docs/
daabualia@cis106:~$ cp Downloads/sample1.xls website/docs/
daabualia@cis106:~$ cp Downloads/sample2.doc website/docs/
daabualia@cis106:~$ tree website/
website/
├── assets
│   ├── image2.png
│   └── image.png
├── docs
│   ├── sample1.pdf
│   ├── sample1.xls
│   └── sample2.doc
└── index.html

2 directories, 6 files
daabualia@cis106:~$ _
```