

Week Report 5

What are Command Options?

The different ways a command can operate

What are Command Arguments?

Arguments are the line of code the command is affecting

Which command is used for creating directories? Provide at least 3 examples.

`mkdir`

Examples

```
* Create a directory in the present working directory
* `mkdir wallpapers`
* `mkdir wallpapers/ocean`
* `mkdir ~/wallpapers/forrest`
```

What does the touch command do? Provide at least 3 examples.

It makes a file `* touch waffles *mkdir /home/srrozier/Desktop/food/waffles *mkdir ~/food/waffles`

How do you remove a file? Provide an example.

`rm rm ~/food/waffles`

How do you remove a directory and can you remove non-empty directories in Linux? Provide an example

You can only do so by using `rmdir -r `rmdir ~/food/`

Explain the mv and cp command. Provide at least 2 examples of each

`mv` -renames a file/moves it to a different directory `*mv ~/food/waffles ~/breakfast/ *mv ~/food/waffles ~/breakfast/pancakes` `mv` -copies a file to a specific directory `* cp ~/food/waffles ~/food/ *cp ~/food/waffles ~/breakfast/`

Practice

- Practice 1

```
srrozier@cis106vm: ~  
srrozier@cis106vm:~$ mkdir website  
srrozier@cis106vm:~$ mkdir website/script website/assets  
srrozier@cis106vm:~$ touch website/index.html  
srrozier@cis106vm:~$ touch website/asstets/image.png  
touch: cannot touch 'asstets/image.png': No such file or directory  
srrozier@cis106vm:~$ touch website/asstets/image.png  
touch: cannot touch 'website/asstets/image.png': No such file or directory  
srrozier@cis106vm:~$ touch website/assets/image.png  
srrozier@cis106vm:~$ touch website/script/script.js  
srrozier@cis106vm:~$ tree website/  
website/  
├── assets  
│   └── image.png  
├── index.html  
└── script  
    └── script.js  
  
2 directories, 3 files  
srrozier@cis106vm:~$ rm website/script/script.js website/assets/image.png  
srrozier@cis106vm:~$ rm -r website/script/ website/assets/  
srrozier@cis106vm:~$ rm -r website/  
srrozier@cis106vm:~$
```

- Practice 2

```
srrozier@cis106vm: /usr/share  
srrozier@cis106vm:~$ cd /usr/share/  
srrozier@cis106vm:/usr/share$ mkdir ~/website  
srrozier@cis106vm:/usr/share$ mkdir -p ~/website/assets/images/small  
srrozier@cis106vm:/usr/share$ touch ~/website/assets/images/small/logo.png  
srrozier@cis106vm:/usr/share$ rm ~/website/assets/images/small/logo.png  
srrozier@cis106vm:/usr/share$ rm -r ~/website/  
srrozier@cis106vm:/usr/share$
```

- Practice 3

```

srrozier@cis106vm: ~
srrozier@cis106vm:~$ mkdir -p website/assets
srrozier@cis106vm:~$ 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  1762      0 --:--:-- --:--:-- --:--:-- 1771
srrozier@cis106vm:~$ mv Downloads/pexels-photo-13366951.png ~/website/assets/ima
ge.png
srrozier@cis106vm:~$ mv Downloads/pexels-photo-5422596.png ~/website/assets/imag
e2.png
srrozier@cis106vm:~$

```

- Practice 4

```

Activities Terminal Oct 23 00:02
srrozier@cis106vm: ~
srrozier@cis106vm:~$ mkdir -p website/assets
srrozier@cis106vm:~$ 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  1762      0 --:--:-- --:--:-- --:--:-- 1771
srrozier@cis106vm:~$ mv Downloads/pexels-photo-13366951.png ~/website/assets/image.png
srrozier@cis106vm:~$ mv Downloads/pexels-photo-5422596.png ~/website/assets/image2.png
srrozier@cis106vm:~$ mkdir website/docs
srrozier@cis106vm:~$ cp Downloads/sample1.doc website/docs/
cp: cannot stat 'Downloads/sample1.doc': No such file or directory
srrozier@cis106vm:~$ 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  1311      0 --:--:-- --:--:-- --:--:-- 1309
srrozier@cis106vm:~$ cp Downloads/sample1.doc website/docs/
srrozier@cis106vm:~$ cp Downloads/sample1.pdf website/docs/
srrozier@cis106vm:~$ cp Downloads/sample1.xls website/docs/
srrozier@cis106vm:~$ tree
tree
.
├── cis106f22
│   ├── Cheatsheets
│   │   ├── Linux Workshop Ubuntu Software Installation cheat sheet.png
│   │   └── MANAGING FILES AND DIRECTORIES CHEAT SHEET.png
│   └── FinalProject
│       └── Labs
│           ├── Lab1
│           │   ├── ubuntu-desktop.png
│           │   ├── ubuntu-Logo.png
│           │   ├── what-is-ubuntu.pdf
│           │   ├── what_is_ubuntu_submission.html
│           │   ├── what_is_ubuntu_submission.md
│           │   └── what_is_ubuntu_submission.pdf
│           ├── Lab2
│           │   ├── fp2.PNG
│           │   ├── fp3.PNG
│           │   ├── lab2.md
│           │   └── lab2.pdf
│           └── Lab3
│               ├── date-command.png
│               ├── Lab3.md
│               ├── Lab3.pdf
│               ├── Linux.docx
│               ├── Linux.pdf
│               └── q2.png
└──

```