

Questions

What are Command Options? Command options are options that can help modify/ enhance their behavior

What are Command Arguments? Command Arguments are the items open which the command acts on

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

- mkdir
- Example 1) mkdir puppies
- Example 2) mkdir music
- Example 3) mkdir videos

What does the touch command do? Provide at least 3 examples. The touch command is used for creating files

- Example 1) touch puppies
- Example 2) touch ~/puppies_photo.jpeg
- Example 3) touch list_of_puppies.txt puppy_names.txt

How do you remove a file? Provide an example. Use the command option rm

- Example) rm list_of_puppies.txt

How do you remove a directory and can you remove non-empty directories in Linux? Provide an example to remove a directory you would use rmdir for empty directories and rm -r **directory name**

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

1. The mv command moves/ rename the file/directory that you would like to move

1. mv puppies/puppies_photo.jpeg home/Pictures
2. mv list_of_puppies.txt home/Documents

2. The cp command copies files/directories from a source to a destination

1. cp -r ~/puppies/Desktop
2. cp puppies/puppies_photo.jpeg Pictures/

Practice Questions

```
amlarsen@CIS106:~$  
amlarsen@CIS106:~$ mkdir website  
amlarsen@CIS106:~$ cd webstire  
bash: cd: webstire: No such file or directory  
amlarsen@CIS106:~$ cd website  
amlarsen@CIS106:~/website$ mkdir scripts assets  
amlarsen@CIS106:~/website$ touch index.html  
amlarsen@CIS106:~/website$ touch assets/image.png  
amlarsen@CIS106:~/website$ touch scripts/script.js  
amlarsen@CIS106:~/website$ tree .\  
>  
.  
├── assets  
│   └── image.png  
├── index.html  
└── scripts  
    └── script.js  
  
2 directories, 3 files  
amlarsen@CIS106:~/website$ rm scripts/script.js assets/image.png  
amlarsen@CIS106:~/website$ rmdir scripts/ assets/  
amlarsen@CIS106:~/website$ cd ..  
amlarsen@CIS106:~$ rm -r website/  
amlarsen@CIS106:~$
```

```
amlarsen@CIS106:~$ cd usr/share/  
bash: cd: usr/share/: No such file or directory  
amlarsen@CIS106:~$ cd /usr/share/  
amlarsen@CIS106:/usr/share$ mkdir ~/website  
amlarsen@CIS106:/usr/share$ mkdir -p ~/website/assets/images/small  
amlarsen@CIS106:/usr/share$ touch ~/website/assets/images/small/logo.png  
amlarsen@CIS106:/usr/share$ rm ~/website/assets/images/small/logo.png  
amlarsen@CIS106:/usr/share$ rm -r ~/website/  
amlarsen@CIS106:/usr/share$
```

```

amlarsen@CIS106:~$ mkdir -p website/assets\
>
amlarsen@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   2434      0 --:--:-- --:--:-- --:--:--  2447
amlarsen@CIS106:~$ mv Downloads/easter1.webp website/assets/
amlarsen@CIS106:~$ mv Downloads/easter2.webp website/assets/
amlarsen@CIS106:~$ mv website/assets/easter1.webp website/assets/image.png
amlarsen@CIS106:~$ mv website/assets/easter2.webp website/assets/image2.png
amlarsen@CIS106:~$ xdg-open website/index.html
amlarsen@CIS106:~$ Gtk-Message: 10:28:01.522: Failed to load module "xapp-gtk3-module"
Gtk-Message: 10:28:01.528: Not loading module "atk-bridge": The functionality is provided by GTK
natively. Please try to not load it.
amlarsen@CIS106:~$

```

```

amlarsen@CIS106:~$ mkdir website/docs
amlarsen@CIS106:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
amlarsen@CIS106:~$ cd Downloads/sample
bash: cd: Downloads/sample: No such file or directory
amlarsen@CIS106:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
amlarsen@CIS106:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
amlarsen@CIS106:~$ cp Downloads/sample1.txt website/docs/
amlarsen@CIS106:~$ cp Downloads/sample1.xls website/docs/
amlarsen@CIS106:~$ cp Downloads/sample1.pdf website/docs/
amlarsen@CIS106:~$ tree website
website
├── assets
│   ├── image2.png
│   └── image.png
├── docs
│   ├── sample1.pdf
│   ├── sample1.txt
│   └── sample1.xls
└── index.html

2 directories, 6 files
amlarsen@CIS106:~$

```