

Week Report 5

Answer to questions:

- **What are Command Options?** Command option modifies the operation of a command.
- **What are Command Arguments?** Command arguments are indicated after the name of the program in the framework's order line.
- **Which command is used for creating directories? Provide at least 3 examples.** The command is `mkdir`.
- Example 1:
 - Create a directory: `'mkdir apple'`
- Example 2:
 - Create multiple directories at different places: `'mkdir movies ~/Downloads/games ~/Documents/hmw'`
- Example 3:
 - Creating multiple directories at once: `'pizza1 pizza2 pizza3 pizza4'`
- **What does the touch command do? Provide at least 3 examples.** It updates that last modified date on the given files.
- Example 1:
 - Create a new file: `'touch file1'`
- Example 2:
 - Create multiple files: `'touch file1 file2 file3'`
- Example 3:
 - Change the date: `'touch -d'`
- **How do you remove a file? Provide an example.** By using the command `'rm'` then the name of the file you want to remove. An example would be `'rm file1'`.
- **How do you remove a directory and can you remove non-empty directories in Linux? Provide an example** Use the `'rmdir'` to remove a directory. Yes you can by typing `'rm -r'`.
- **Explain the mv and cp command. Provide at least 2 examples of each** The `mv` command is use to move files or directories from one place to another for example `'mv file1 ~/Downloads/'`. The `cp` command is use to copy files or directories for example `'cp hello'`.

Practice 1

```
Tilix: atovar@cis106: ~  
1: atovar@cis106: ~  
atovar@cis106:~$ mkdir website  
atovar@cis106:~$ cd website/  
atovar@cis106:~/website$ mkdir script assests  
atovar@cis106:~/website$ touch index.html  
atovar@cis106:~/website$ touch assests/image.png  
atovar@cis106:~/website$ touch script/script.js  
atovar@cis106:~/website$ tree .  
.  
├── assests  
│   └── image.png  
├── index.html  
└── script  
    └── script.js  
  
2 directories, 3 files  
atovar@cis106:~/website$ rm script/script.js  
atovar@cis106:~/website$ rm assests/image.png  
atovar@cis106:~/website$ rm -r script/ assests/  
atovar@cis106:~/website$ cd ../  
atovar@cis106:~$ rm website/ -r  
atovar@cis106:~$ _
```

Practice 2

```
Tilix: atovar@cis106: /usr/share  
1: atovar@cis106: /usr/share  
atovar@cis106:~$ cd /usr/share/  
atovar@cis106:/usr/share$ mkdir ~/website  
atovar@cis106:/usr/share$ mkdir ~/website/assests/images/small  
mkdir: cannot create directory '/home/atovar/website/assests/images/small': No such file or directory  
atovar@cis106:/usr/share$ mkdir ~/website/assets  
atovar@cis106:/usr/share$ mkdir ~/website/assets/images  
atovar@cis106:/usr/share$ mkdir ~/website/assets/images/small  
atovar@cis106:/usr/share$ touch ~/website/assets/images/small/logo.png  
atovar@cis106:/usr/share$ rm logo.png  
rm: cannot remove 'logo.png': No such file or directory  
atovar@cis106:/usr/share$ rm ~/website/assets/images/small/logo.png  
atovar@cis106:/usr/share$ rm website/ -r  
rm: cannot remove 'website/': No such file or directory  
atovar@cis106:/usr/share$ rm ~/website/ -r  
atovar@cis106:/usr/share$
```

Practice 3

```
1 / 1 + [ ] [ ] Tilix: atovar@cis106: ~
1: atovar@cis106: ~
atovar@cis106:~$ mkdir -p website/assets
atovar@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  1430      0 --:--:-- --:--:-- --:--:--  1436
atovar@cis106:~$ mv Downloads/pexels-
mv: missing destination file operand after 'Downloads/pexels-'
Try 'mv --help' for more information.
atovar@cis106:~$ mv Downloads/pexels-
pexels-fox-2106216.jpg  pexels-luci-6794851.jpg
atovar@cis106:~$ mv Downloads/pexels-fox-2106216.jpg website/assets/
atovar@cis106:~$ mv Downloads/pexels-luci-6794851.jpg website/assests/
atovar@cis106:~$ mv website/assets/pexels-fox-2106216.jpg website/assets/image.png
atovar@cis106:~$ mv website/assets/pexels-luci-6794851.jpg website/assets/image2.png
mv: cannot stat 'website/assets/pexels-luci-6794851.jpg': No such file or directory
atovar@cis106:~$ mv website/assests/pexels-luci-6794851.jpg website/assets/image2.png
atovar@cis106:~$ xdg-open website/index.html
atovar@cis106:~$ Gtk-Message: 23:14:32.907: Failed to load module "xapp-gtk3-module"
Gtk-Message: 23:14:32.924: Not loading module "atk-bridge": The functionality is provided by GTK natively. Please try to n
ot load it.

(firefox:5877): Gtk-WARNING **: 23:14:33.545: GTK+ module /snap/firefox/3206/gnome-platform/usr/lib/gtk-2.0/modules/libcan
berra-gtk-module.so cannot be loaded.
GTK+ 2.x symbols detected. Using GTK+ 2.x and GTK+ 3 in the same process is not supported.
Gtk-Message: 23:14:33.545: Failed to load module "canberra-gtk-module"

(firefox:5877): Gtk-WARNING **: 23:14:33.565: GTK+ module /snap/firefox/3206/gnome-platform/usr/lib/gtk-2.0/modules/libcan
berra-gtk-module.so cannot be loaded.
GTK+ 2.x symbols detected. Using GTK+ 2.x and GTK+ 3 in the same process is not supported.
Gtk-Message: 23:14:33.565: Failed to load module "canberra-gtk-module"
atovar@cis106:~$ _
```

Practice 4

```
1/1  +  [ ]  [ ]  Tlilx: atovar@cis106: ~  [ ]  [ ]  [ ]  [ ]
1: atovar@cis106: ~  [ ]  [ ]
atovar@cis106:~$ mkdir website/docs
atovar@cis106:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
atovar@cis106:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
atovar@cis106:~$ cp Downloads/sample1.
sample1.doc sample1.pdf sample1.xls
atovar@cis106:~$ cp Downloads/sample1.doc website/docs/
atovar@cis106:~$ cp Downloads/sample1.pdf website/docs/
atovar@cis106:~$ cp Downloads/sample1.xls website/docs/
atovar@cis106:~$ tree website/
website/
├── assests
├── assets
│   ├── image2.png
│   └── image.png
├── docs
│   ├── sample1.doc
│   ├── sample1.pdf
│   └── sample1.xls
└── index.html

3 directories, 6 files
atovar@cis106:~$ _
```