Week Reports 5

Answer to questions:

- **what are the Command options?**
  In Linux, command options (also known as command-line options or flags) are additional parameters that can be passed to commands to modify their behavior

- **What are the Command Arguments**
  Command arguments are parameters passed to a command when it is executed. These arguments provide additional information to the command, influencing its behavior or determining the operation it should perform.

- **which command is used for creating directories ? provide at least examples**
  The command used for creating directories in Linux is mkdir (short for "make directory"). Here are some examples of how to use the mkdir command example mkdir directory_coco , mkdir directory1 directory00 directoy2 mkdir -m 755 directory banana.

- **what does the touch command do ? provide at least 3 examples?**
  The touch command is used to create an empty file or update the timestamps (access and modification) of existing files. here examples touch new_file.txt
  touch existing_file.txt
  touch file1.txt file2.txt file3.txt.

- **How do you remove a file Provide an examples.**
  *To remove a file you use `rm command which stands for "remove".Here's example **rm file.txt or rm file1.txt file2.txt/.*

- **How do you remove a directory and can you remove non-empty directories in Linux provide an example**
  To roemove a directory in Linux, you use the `rmdir` command for empty directories or the command with the the `-r` examples rmdir empty_directory and rm -r non_empty_directory.

- **Explain the mv and cp commands .provide at least 2 examples of each**
  Both `mv` and `cp` are command used for file manipulation Linux.
  mv(Move)
  The mv The mv command is used to move files or directories from one location to another. It can also be used to rename files or directories. exmaple mv file.txt /path/to/destination/ and mv old filelicey.txt new filelicey.txy

cd(Copy)
The `cp command is used to copy files or directories form one location to another. Example cp file.txt /path/to/destination/
or cp -r directory /path//to/destination/

Practice 1

practice 2

Practice 3

```
edlantigua@edlantigua-VirtualBox:~$ mkdir -p  website/assets
edlantigua@edlantigua-VirtualBox:~$ 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   1724      0 --:--:-- --:--:-- --:--:--  1730
edlantigua@edlantigua-VirtualBox:~$ mv Downloads/free-photo-of-sunrise-in-berlin-on-film.jpeg website/aedlantigua@edlantigua-VirtualBox:~$ mv Downloads/free-photo-of-sunrise-in-berlin-on-film.jpeg website/as
edlantigua@edlantigua-VirtualBox:~$ mv website/assets/free-photo-of-sunrise-in-berlin-on-film.jpeg website/assets/image.png
edlantigua@edlantigua-VirtualBox:~$ mv website/assets/ pexels-simple-soul-photogrphy-20723439.jpg website/assets/image2.png
mv: target 'website/assets/image2.png' is not a directory
edlantigua@edlantigua-VirtualBox:~$ mv Downloads/pexels-simple-soul-photogrphy-20723439.jpg website/assets/
edlantigua@edlantigua-VirtualBox:~$ mv Downloads/pexels-simple-soul-photogrphy-20723439.jpg website/assets/image2.png
mv: cannot stat 'Downloads/pexels-simple-soul-photogrphy-20723439.jpg': No such file or directory
edlantigua@edlantigua-VirtualBox:~$ mv Downloads/pexels-simple-soul-photogrphy-20723439.jpg website/assets/image2.png
mv: cannot stat 'Downloads/pexels-simple-soul-photogrphy-20723439.jpg': No such file or directory
edlantigua@edlantigua-VirtualBox:~$ mv Downloads/pexels-simple-soul-photogrphy-20723439.jpg website/assets/image3.png
mv: cannot stat 'Downloads/pexels-simple-soul-photogrphy-20723439.jpg': No such file or directory
edlantigua@edlantigua-VirtualBox:~$ mv website/assets/pexels-simple-soul-photogrphy-20723439.jpg website/assets/ image2.png
mv: target 'image2.png' is not a directory
edlantigua@edlantigua-VirtualBox:~$ mv Downloads/pexels-photo-6054896.jpeg wedsite/assets/image2.png
mv: cannot move 'Downloads/pexels-photo-6054896.jpeg' to 'wedsite/assets/image2.png': No such file or directory
edlantigua@edlantigua-VirtualBox:~$ mv website/assets/pexels-simple-soul-photogrphy-20723439.jpg website/assets/image2.png
edlantigua@edlantigua-VirtualBox:~$ xdg-open website/.index.html
gio: file:///home/edlantigua/website/.index.html: Error when getting information for file "/home/edlantigua/website/.index.html": No such file or directory
edlantigua@edlantigua-VirtualBox:~$ xdg-open website/index.html
edlantigua@edlantigua-VirtualBox:~$ Gtk-Message: 17:44:10.751: Failed to load module "xapp-gtk3-module"
Gtk-Message: 17:44:10.763: Not loading module "atk-bridge": The functionality is provided by GTK natively. Please try to not load it.
[8021, Main Thread] WARNING: GTK+ module /snap/firefox/4090/gnome-platform/usr/lib/gtk-2.0/modules/libcanberra-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.: 'glib warning', file /build/firefox/parts/firefox/build/toolkit/xre/nsSigHandlers.cpp:187

(firefox:8021): Gtk-WARNING **: 17:44:11.094: GTK+ module /snap/firefox/4090/gnome-platform/usr/lib/gtk-2.0/modules/libcanberra-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: 17:44:11.094: Failed to load module "canberra-gtk-module"
[8021, Main Thread] WARNING: GTK+ module /snap/firefox/4090/gnome-platform/usr/lib/gtk-2.0/modules/libcanberra-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.: 'glib warning', file /build/firefox/parts/firefox/build/toolkit/xre/nsSigHandlers.cpp:187

(firefox:8021): Gtk-WARNING **: 17:44:11.113: GTK+ module /snap/firefox/4090/gnome-platform/usr/lib/gtk-2.0/modules/libcanberra-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: 17:44:11.114: Failed to load module "canberra-gtk-module"
edlantigua@edlantigua-VirtualBox:~$
```

Sample site

Practice 4

```
edlantigua@edlantigua-VirtualBox:~$ mkdir website/docs
edlantigua@edlantigua-VirtualBox:~$ cd Downloads/sample
bash: cd: Downloads/sample: No such file or directory
edlantigua@edlantigua-VirtualBox:~$ cd Downloads/sample
bash: cd: Downloads/sample: No such file or directory
edlantigua@edlantigua-VirtualBox:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
edlantigua@edlantigua-VirtualBox:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
edlantigua@edlantigua-VirtualBox:~$ cp Downloads/sample/
cp: missing destination file operand after 'Downloads/sample/'
Try 'cp --help' for more information.
edlantigua@edlantigua-VirtualBox:~$ cp Downloads/sample/website
cp: missing destination file operand after 'Downloads/sample/website'
Try 'cp --help' for more information.
edlantigua@edlantigua-VirtualBox:~$ cp Downloads/sample1.doc website/docs/
edlantigua@edlantigua-VirtualBox:~$ cp Downloads/sample1.xls website/docs
edlantigua@edlantigua-VirtualBox:~$ cp Downloads/sample2-1.pdf website/docs/
edlantigua@edlantigua-VirtualBox:~$ tree ..
```

2: edlantigua@edlantigua-VirtualBox: ~ ∨

```
edlantigua@edlantigua-VirtualBox:~$ tree website
website
├── assets
│   ├── free-photo-of-a-group-of-rams-laying-in-the-grass.jpeg
│   ├── image2.png
│   └── image.png
├── docs
│   ├── sample1.doc
│   ├── sample1.xls
│   └── sample2-1.pdf
└── index.html

2 directories, 7 files
edlantigua@edlantigua-VirtualBox:~$
```