Week Report 5

What are Command Options?

Command Options allow you to modify/enhance behavior

What are Command Arguments?

Command Arguments are items open which the command acts on

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

The command for creating directories is mkdir. (mkdir + name of directory)

Examples

- mkdir wallpapers (create a dir in the present dir)
- mkdir -p wallpapersOthers/movies (create dir with a parent dir at the same time)
- mkdir wallpapers/cars wallpapers/cities wallpapers/forest (creating multiple dir)

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

The command touch creates a file.

Examples

- touch listOfCars.txt script.py (create several files)
- touch ~/Downloads/games.txt (create a file using absolute path)
- touch Downloads/games2.txt (creating a file using relative path)
- touch "list of foods.txt" (creating a file with a space in its name)

How do you remove a file? Provide an example.

To remove a file you use the rm command (rm file)

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

To remove a file you use the command rm combined with -r (rm -r). You are not able to remove non-empty directories unless you use recursion (-r)

Examples

rm -r Downloads/games (remove an non-empty directory)

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

mv Command: Allow users to move and rename directories

- mv Downloads/homework.pdf Documents/
- · mv homework.pdf homework5.pdf

cp Command: Allow users to copy files/directories from a source to a destination (cp + file to copy + destination)

- cp Downloads/wallpapers.zip Pictures/ (copy a file)
- cp -r ~/Downloads/wallpapers ~/Pictures/ (copy a directory with absolute path)

Practice

• Practice 1

```
djnunez43983@CIS106VM:-$ mkdir website
djnunez43983@CIS106VM:-$ tree website
website

assets
script

2 directories, 0 files
djnunez43983@CIS106VM:-$ touch ~/website/index.html
djnunez43983@CIS106VM:-$ touch ~/website/index.html
djnunez43983@CIS106VM:-$ touch ~/website/assets/inage.png
djnunez43983@CIS106VM:-$ touch ~/website/script/script.js
djnunez43983@CIS106VM:-$ tree website

website

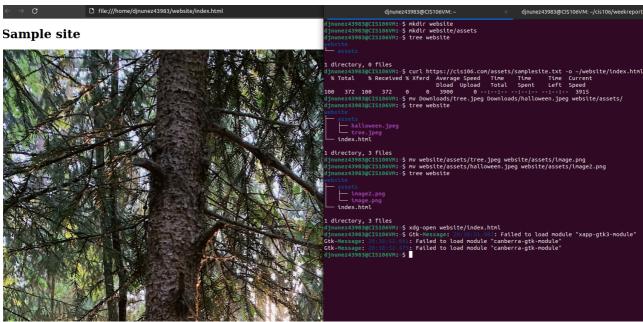
assets

inage.png
index.html
script
script:
sc
```

• Practice 2

```
djnunez43983@CIS106VM:~$ cd /usr/share
djnunez43983@CIS106VM:/usr/share$ mkdir ~/website
djnunez43983@CIS106VM:/usr/share$ mkdir -p ~/website/assets/images/small
djnunez43983@CIS106VM:/usr/share$ tree website
website [error opening dir]
0 directories, 0 files
djnunez43983@CIS106VM:/usr/share$ tree ~/website/
3 directories, 0 files
djnunez43983@CIS106VM:/usr/share$ touch ~/website/assets/images/small/logo.png
djnunez43983@CIS106VM:/usr/share$ tree ~/website/
      3 directories, 1 file
djnunez43983@CIS106VM:/usr/share$ rm ~/website/assets/images/small/logo.png
djnunez43983@CIS106VM:/usr/share$ tree ~/website/
    images small
3 directories, 0 files
djnunez43983@CIS106VM:/usr/share$ rm -r ~/website/
djnunez43983@CIS106VM:/usr/shareS
```

• Practice 3



• Practice 4