

Weekly Report

What are Command Options?

Command Options, are commonly something that allows your command to perform a specific wanted action

What are Command Arguments?

Command Arguments is the thing you want your command to execute, like a file.

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

The `mkdir` is used to create directories. 3 examples being:

- `mkdir name`
- `mkdir name/your_name`
- `mkdir ~/doom_eternal`

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

The touch command creates files in directories. 3 examples being:

- `touch hello/hi.txt`
- `touch hi.txt cat.png`
- `touch Downloads/pictures/cat/snowball.jpg`

How do you remove a file? Provide an example.

You remove a file bu using the `rm` command. A example being:

- `rm ~/dummy/bye_dummy.txt`

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

You remove a directory by using the `rmdir` command or `rm -r` command. You can not remove a non-empty directory in Linux. A example would be: `rmdir ~/dummy` `rm -r ~/dummy`

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

The mv command can change a file name or move a file. 2 examples are:

- `mv dummy.txt smart.txt`
- `mv ~/Documents/dummy.txt ~/Downloads`

The cp command copies thing into other directories for instance:

- `cp dummy.txt`
- `cp ~/Documents/dummy.txt ~/Downloads`

Practice

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Applications  Places
thaddeus44967@CIS106-VirtualBox: ~
thaddeus44967@CIS106-VirtualBox:~$ mkdir website
mkdir: cannot create directory 'website': File exists
thaddeus44967@CIS106-VirtualBox:~$ mkdir website/script website/assets
thaddeus44967@CIS106-VirtualBox:~$ touch website/index.html
thaddeus44967@CIS106-VirtualBox:~$ touch website/assets/image.png
thaddeus44967@CIS106-VirtualBox:~$ touch website/scripts/script.js
touch: cannot touch 'website/scripts/script.js': No such file or directory
thaddeus44967@CIS106-VirtualBox:~$ touch website/script/script.js
thaddeus44967@CIS106-VirtualBox:~$ tree website
website
├── assets
│   └── image.png
├── index.html
├── media
│   └── png
├── script
│   └── script.js
├── script.js
└── style.css

4 directories, 6 files
thaddeus44967@CIS106-VirtualBox:~$ rm website/script/script.js website/assets/image.png
thaddeus44967@CIS106-VirtualBox:~$ rm -r website/script website/assets
thaddeus44967@CIS106-VirtualBox:~$ rm -r website
thaddeus44967@CIS106-VirtualBox:~$ ls
CIS106f22  core.2116  Desktop  Downloads  help  man  Pictures  snap  Videos
CIS106f22.zip  core.2136  Documents  gitcommands.txt  lab4files  Music  Public  Templates
thaddeus44967@CIS106-VirtualBox:~$

Applications  Places
thaddeus44967@CIS106-VirtualBox: ~
thaddeus44967@CIS106-VirtualBox:~$ cd /usr/share
thaddeus44967@CIS106-VirtualBox:~$ rm -r ~/website
thaddeus44967@CIS106-VirtualBox:~$ cd /usr/share$ mkdir ~/website
thaddeus44967@CIS106-VirtualBox:~$ cd /usr/share$ mkdir -p ~/website/assets/images/small
thaddeus44967@CIS106-VirtualBox:~$ cd /usr/share$ touch ~/website/assets/images/small logo.png
touch: cannot touch 'logo.png': Permission denied
thaddeus44967@CIS106-VirtualBox:~$ cd /usr/share$ cd ~/website/assets/images/small
bash: cd: /home/thaddeus44967/website/assets/images/small: No such file or directory
thaddeus44967@CIS106-VirtualBox:~$ cd /usr/share$ cd
thaddeus44967@CIS106-VirtualBox:~$ cd website/assets/images/small
thaddeus44967@CIS106-VirtualBox:~$ cd website/assets/images/small$ touch logo.png
thaddeus44967@CIS106-VirtualBox:~$ cd website/assets/images/small$ cd
thaddeus44967@CIS106-VirtualBox:~$ rm -r website
thaddeus44967@CIS106-VirtualBox:~$ ls
CIS106f22  core.2136  Downloads  lab4files  Pictures  Templates
CIS106f22.zip  Desktop  gitcommands.txt  man  Public  Videos
core.2116  Documents  help  Music  snap
thaddeus44967@CIS106-VirtualBox:~$
```

```

Applications Places
thaddeus44967@CIS106-VirtualBox: ~/website/assets

100 372 100 372 0 0 719 0 ---:---:---:---:---:---:---: 720
thaddeus44967@CIS106-VirtualBox: $ cd Download
bash: cd: Download: No such file or directory
thaddeus44967@CIS106-VirtualBox: $ cd Downloads/
thaddeus44967@CIS106-VirtualBox: ~/Downloads$ ls
code-1.71.2-1663191218_and64.deb lab4files.zip
'lab(1).md' lab.md
'lab2(1).md' my.lst
'lab2(2).md' Nanum_Gothic
'lab2(3).md' Nanum_Gothic.zip
lab2.md VSCoUserSetup-1a32-1.71.2.exe
'lab(2).md' wallpaper.jpg
thaddeus44967@CIS106-VirtualBox: ~/Downloads$ ls
code-1.71.2-1663191218_and64.deb lab.md
'lab(1).md' my.lst
'lab2(1).md' Nanum_Gothic
'lab2(2).md' Nanum_Gothic.zip
'lab2(3).md' pexels-karolina-grabowska-5422596.jpg
lab2.md pexels-kwnos-iv-13366951.jpg
'lab(2).md' VSCoUserSetup-1a32-1.71.2.exe
lab4files.zip wallpaper.jpg
thaddeus44967@CIS106-VirtualBox: ~/Downloads$ mv pexels-karolina-grabowska-5422596.jpg pexels-kwnos-iv-13366951.jpg ~/website/assets
thaddeus44967@CIS106-VirtualBox: ~/Downloads$ cd
thaddeus44967@CIS106-VirtualBox: $ cd website
thaddeus44967@CIS106-VirtualBox: ~/website$ ls
assets index.html
thaddeus44967@CIS106-VirtualBox: ~/website$ cd assets
thaddeus44967@CIS106-VirtualBox: ~/website/assets$ ls
pexels-karolina-grabowska-5422596.jpg pexels-kwnos-iv-13366951.jpg
thaddeus44967@CIS106-VirtualBox: ~/website/assets$ n-
n: command not found
thaddeus44967@CIS106-VirtualBox: ~/website/assets$
thaddeus44967@CIS106-VirtualBox: ~/website/assets$
thaddeus44967@CIS106-VirtualBox: ~/website/assets$
thaddeus44967@CIS106-VirtualBox: ~/website/assets$
thaddeus44967@CIS106-VirtualBox: ~/website/assets$
thaddeus44967@CIS106-VirtualBox: ~/website/assets$
thaddeus44967@CIS106-VirtualBox: ~/website/assets$ mv pexels-karolina-grabowska-5422596.jpg image.png
thaddeus44967@CIS106-VirtualBox: ~/website/assets$ mv pexels-kwnos-iv-13366951.jpg image2.png

Applications Places
thaddeus44967@CIS106-VirtualBox: ~/Downloads

thaddeus44967@CIS106-VirtualBox: $ ls
xsi08f22 core.2136 Downloads lab4files Pictures Templates
xsi08f22.zip desktop gitcommands.txt nan Public Videos
core.2116 Documents help music snap website
thaddeus44967@CIS106-VirtualBox: $ mkdir website/docs
thaddeus44967@CIS106-VirtualBox: $ cd Downloads
thaddeus44967@CIS106-VirtualBox: ~/Downloads$ ls
code-1.71.2-1663191218_and64.deb my.lst
'lab(1).md' Nanum_Gothic
'lab2(1).md' Nanum_Gothic.zip
'lab2(2).md' sample1.doc
'lab2(3).md' sample2.pdf
lab2.md sample3.xls
'lab(2).md' sample_640x426.psd
lab4files.zip VSCoUserSetup-1a32-1.71.2.exe
lab.md wallpaper.jpg
thaddeus44967@CIS106-VirtualBox: ~/Downloads$ cp sample1.doc website/docs
cp: cannot create regular file 'website/docs': No such file or directory
thaddeus44967@CIS106-VirtualBox: ~/Downloads$ cp sample1.doc ~/website/docs/
thaddeus44967@CIS106-VirtualBox: ~/Downloads$ cp sample2.pdf ~/website/docs/
thaddeus44967@CIS106-VirtualBox: ~/Downloads$ cp sample3.xls ~/website/docs/
thaddeus44967@CIS106-VirtualBox: ~/Downloads$ tree ~/website/docs
/home/thaddeus44967/website/docs
├── sample1.doc
├── sample2.pdf
└── sample3.xls

0 directories, 3 files
thaddeus44967@CIS106-VirtualBox: ~/Downloads$
```