Notes5

mkdir

* usage

- Makes single/ multiple directories

* formula

- `mkdir`+`name of directory`

* examples

- makes directory in current working directory
    - `mkdir music`
- Makes directory in different directory using relative path
    - `mkdir games/action`
- Makes directory in different directory using absolute path
    - `mkdir ~/games/arcade`

touch

* usage

- Creates files

* formula

- `touch`+`option`

* examples

- create a file called list
    - `touch list`
- create file suing absolute path
    - `touch ~/Downloads/games.txt`
- create multiple files
    - `touch carlist.txt script.py`

rm

* usage

- removes file

* formula

- `rm`+`option`

* examples

- remove file
    - `rm`
- remove file with confirmation before
    - `rm -i list`
- remove an empty directory
    - `rmdir Downloads/games`

rmdir

* usage

- removes directory

* formula

- `rmdir`+`option`

* examples

- removes non-empty directory
    - `rmdir -r ~/Downloads/games.txt`
- remove an empty directory
    - `rmdir Downloads/games`
- removes directory
    - `rmdir Games`

mv

* usage

- moves and renames directories

* formula

- `mv`+`source`+`destination`

* examples

- Moves directory to another using relative path
    - `mv Downloads/homework Documents/`
- moves multiple directories/files to different directory
    - `mv games/ wallpapers/ music/ /media/student/flashdrive/`
- renames file
    - `mv homework.docx cis106hmw.docx`

cp

* usage

- copies file to destination

* formula

- `cp`+`option`

* examples

- copy a file
  - `cp Downloads/wallpapers.zip Pictures/`
- copy multiple files in a single command
  - `sudo cp -r script.sh program.py /var/www/html/`
- copy content of another directory to another one
  - `cp Downloads/wallpapers/* ~/Pictures/`

file

* usage

- determines file type of file

* formula

- `file`+`option`

* examples

- display file type
  - `file filename`
- display file type without file name
  - `file -b filename`
- displays version
  - `file -v`