Notes 5

mkdir

Description

- Makes Directories

Usage

- `mkdir` + `option` + `name of directories`

Examples

- Create a directory called wallpapers in the current directory:
    - `mkdir wallpapers`
- Create a a directory and a subdirectory at the same time:
    - `mkdir -p games/gta/guides`
- Create 2 directories using absolute path:
    - `mkdir -p ~/project/script/js ~/documents/homework/`

Touch

Description

- used for creating files

Usage

- `touch` + `name of file`

Examples

- Create a file called list:
    - `touch list`
- Create multiple files:
    - `touch list_of_cars.txt script.py names.csv`
- Create a file with a space in its name:
    - `touch "list of foods.txt"`

rm

Description

- used for removing files

Usage

- `rm` + `option` + `argument`

Examples

- Remove a file:
  - `rm list`
- Remove a file and prompt confirmation before removal:
  - `rm -i list`
- Remove a non-empty directory:
  - `rm -r Downloads/games`

rmdir

Description

- used for removing an empty directory

Usage

- `rmdir` + `option`

Examples

- Remove an empty directory:
  - `rmdir Downloads/games`

mv

Description

- used for moving and renaming directories

Usage

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

Examples

- To move a file from a directory to another using relative path:
  - `mv Downloads/homework.pdf Documents/`
- To move a directory from one directory to another using absolute path:
  - `sudo mv ~/Downloads/theme /usr/share/themes`
- To move multiple directories/files to a different directory:
  - `mv games/ wallpapers/ rockmusic/ /media/student/flashdrive/`
- To rename a file:
  - `mv homework.docx cis106homework.docx`

cp

Description

- used for coping files/directories from a source to a destination

Usage

- `cp` + `files to copy` + `destination` To copy directories you must use the -r option
- `cp` + `-r` + `directories to copy` + `destination`

Examples

- To copy a file:
    - `cp Downloads/wallpapers.zip Pictures/`
- To copy a directory with absolute path:
    - `cp -r ~/Downloads/wallpapers ~/Pictures/`
- To copy the content of a directory to another directory
    - `cp Downloads/wallpapers/* ~/Pictures/`

file

Description

- used for determining the file type of a file

Usage

- `file` + `option` + `argument`

Examples

- Display file type:
    - `file filename`
- Display file type without file name:
    - `file -b filename`