

Notes 5

mkdir

- **Usage**
 - Is used for creating a single directory or multiple directories.
- **Formula**
 - `mkdir + name of directory`
- **Examples**
 - `mkdir wallpapers/ocean`
 - `mkdir -p images/video/audio`
 - `mkdir --help`

touch

- **Usage**
 - Is used for creating files without content
- **Formula**
 - `touch + file name`
- **Examples**
 - `touch list`
 - `touch ~/Downloads/game.txt`
 - (absoulte)
 - `touch Downloads/games2.txt`
 - (relative)
 - `touch -t YYMMDDHHMM file_name`
 - (specified time)

rm

- **Usage**
 - removes files, by default rm does not directories, rm with -r option does.
- **Formula**
 - `rm+option+directory name/directory absoulte path`
- **Examples**
 - `rm list`
 - `rm -i list`
 - `rm -r Downloads/games`

rmdir

- **Usage**
 - To remove empty directories use rmdir command.
- **Formula**
 - `rmdir+ option +directory`
- **Examples**

- `rmdir Downloads/games`
- `rmdir -p images/videos/audio`
 - (deletes directory and all subdirectories)
- `rmdir -v .png*`
 - (removes same expression directories)

mv

- **Usage**
 - moves and renames directories
- **Formula**
 - `mv+source+directories`
 - `mv+file/directory to rename+new name`
- **Examples**
 - `mv Downloads/homework.pdf Documents/`
 - (relative path)
 - `sudo mv ~/Downloads/theme /usr/share/themes`
 - (absoulte path, not owned by root)
 - `mv Downloads/english_homework.dox /media/student/flashdrive/`
 - (combining absoulte path and relative path)
 - `mv games/ wallpapers/ rockmusic/ /media/student/flashdrive/`
 - (multiple/ different directory)
 - `mv homework.docs cis106homework.docx`

cp

- **Usage**
 - copies files/directories from a source to a destination
- **Formula**
 - `cp+ source file + destination`
- **Examples**
 - `cp Downloads/wallpapers.zip Pictures/`
 - `cp -r ~/Downloads/wallpaper ~/Pictures/`
 - (absoulte path)
 - `cp Downloads/wallpapers/* ~/Pictures/`
 - (copy from one directory to another)
 - `sudo cp -r script.sh program.py home.html assets/ /var/www/html`
 - (copies multiple commands)

file

- **Usage**
 - detemines the file typw of a file
- **Formula**
 - `file+option+file name`
- **Examples**
 - `file file name`
 - `file -b filename`

- pdfinfo filename.pdf