Definitions

- mkdir
  - Creates a single directory or can make multiple directory
    - mkdir + 'name of the directory' (Creates a directory)
    - mkdir wallpapers/"majora's mask" (Creates a directory with a single quote in the name)
    - mkdir wallpapers/new\ cars (Creates a directory with a space in the name)
    - mkdir wallpapers/cars wallpapers/cities wallpapers/forest (Create multiple directories)
- touch
  - Creates files
    - touch list (Makes a file named list)
    - touch ~/Downloads/games.txt (Makes a file using absolute path)
    - touch list_of_cars.txt script.py names.csv (Makes multiple files)
- rm
  - Removes files
    - rm 'file name' (Removes a file)
    - rm -i 'file name' (Removes file and prompts confirmation before removal)
- rmdir
  - Removes an empty directory
    - rm -r + 'name of directory or directory's absolute path' (Removes a non empty directory)
- mv
  - Moves and renames directories
    - mv + source + destination (Source is the file or directory you want to move and the destination is where the file/directory will be going)
    - mv Downloads/homework.pdf Documents/ (Moves the file from one directory to another)
    - sudo mv ~/Downloads/theme /usr/share/themes (Moves a directory from one to another using admin privileges and absolute path)
    - mv + file/directory to rename + new name (Renames file/directory)
    - mv homework.docx cis106homework.docx (Renames a file)
    - mv Downloads/cis106homework.docx Documents/new_cis106homework.docx (Moves and renames a file in the same command)
  - When moving files or directories, for both the source and the destination, either absolute path or relative path can be used
- cp
  - Copies files/directories from a source to a destination
  - Uess the same structure as the mv command
    - cp + files to copy + destination
    - cp Downloads/wallpapers.zip Pictures/
    - cp Downloads/wallpapers/* ~/Pictures/ (Copies all content of one directory to another)
    - sudo cp -r script.sh program.py home.html assets/ /var/www/html (Copies multiple files in a single command)
  - To copy directories we have to use -r
    - cp -r + directory to copy + destination
    - cp -r ~/Downloads/wallpapers ~/Pictures (Copies a directory with an absolute path)

- file
  - Determines the file type of a file
    - file 'filename' (Displays file type)
    - file -b 'filename' (Displays filt type without file name)
- pdfinfo
  - Displays info about pdf files
    - pdfinfo 'filename.pdf'
- identify
  - Describes the format and characteristics of one or more image file
    - To install use sudo apt install imagemagick on the terminal
      - identify image.png
- mediainfo
  - Command line utility to display information about audio/video files
    - To install use sudo apt install mediainfo -y on the terminal
      - mediainfo example.png (Displays info about a media file)
      - mediainfo -f example.png (Displays full info about a media file)
      - mediainfo --output=HTML example.png > file.html (Outputs info to an html file)
- exiv2
  - Image metadata manipulation tool
    - exiv2 [option] [action] [file]
    - exiv2 example.png (Displays info about an image file)
    - exiv2 -pt example.png (Displays all exif data about an image file)
- exiftool
  - Read and write meta info into files
    - To install use sudo apt install libimage-exiftool-perl
    - See man page (man exiftool) in terminal
      - exiftool example.png (Displays info about a file)
- Bonus ranger
  - A visual file manager
    - sudo apt install ranger on terminal to install
    - ranger command to use