

Commands for Creating files and directories

The mkdir command

Definition:

is used for creating a single directory or multiple directories

Usage:

```
mkdir + the name of the directory
```

Examples:

- To create a directory in the present working directory
 - `mkdir wallpapers`
- Create a directory in a different directory using relative path
 - `mkdir wallpapers/ocean`
- Create a directory in a different directory using absolute path
 - `mkdir ~/wallpapers//forest`

The touch Command

Definition:

used for creating files

Usage:

```
touch
```

Examples:

- To create a file called list
 - `touch list`
- To create several files
 - `touch list_of_cars.txt script.py names.csv`
- To create a file using absolute path
 - `touch ~/Downloads/games.txt`

The rm Command

Definition:

The rm command removes files

Usage:

```
rm
```

Examples:

- Remove a file
 - `rm list`
- Remove a file and prompt confirmation before removal
 - `rm -i list`
- Remove all the files inside a directory and ask before removing more than 3 files
 - `rm -I Downloads/games/*`

The rmdir Command

Definition:

used to remove directories

Usage:

```
rmdir
```

Examples:

- To remove an empty directory
 - `rmdir Downloads/games`

The mv Command

Definition:

moves and renames 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 a file from one directory to another combining absolute and relative path
 - `mv Downloads/english_homework.docx /media/student/flashdrive/`

The cp Command

Definition:

copies files/directories from a source to a destination

Usage:

`cp + files to copy + destination`

Examples:

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

The file command

Definition:

determines the file type of a file

Usage:

`file + filename`

Examples:

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

The pdinfo Command

Defination:

displays information about pdf files

Usage:

`pdinfo filename.pdf`

The mediainfo Command

Definition:

command line utility to display information about audio/video files

Usage:

`mediainfo`

Examples:

- Display information about a media file
 - `mediainfo example.png`
- Display full information of a media file

- `mediainfo -f example.png`

The exiv2 Command

Definition:

image metadata manipulation tool

Usage:

`exiv2 option action file`

Examples:

- Displays information about an image file
 - `exiv2 example.png`
- Displays all exif data about an image file
 - `exiv2 -pt example.png`

The exiftool Command

Definition:

read and write meta information files

Usage:

`see man page`

Examples:

- Displays information about a file
 - `exiftool example.png`