

<CH.8>[*Managing Files* and *Directories*]

<Globbing>

'wild cards'

'allow you to specify patterns that match filenames in a directory.'

'interpreted by the shell before running any command.'

-*Asterik* '*':

'used to represent ≥ 0 characters in a filename.'

-*Question Mark* '?':

'represents any single character. It matches exactly one character.'

-*Brackets* '['']:

'match a single character by representing a range of characters that are'
'possible match characters.'

[am]* → 'matches any file that begins with `a` or `m`'

[p-t]* → 'matches all files between `p` and `t` (inclusive.)'

[0-9]* → 'matches any file that contain at least a number.'

``[9-0]` doesnt work because it doesnt follow the ASCII table range.'

-*Exclamation Point* '!':

'used in conjunction with the square brackets to negate a range.'

[!DP]* → 'matches any file that does NOT begin with a D or P.'

-*Listing with Globs*:

'the shell expands the glob pattern into corresponding file names.'

'when using the' ls 'command, always use the option' -d 'to display the'
'name of directories instead of their content.'

<Copying files>

cp [source] [destination] 'no output when successful (no news is good news!)'

-*Verbose mode*:

-v → 'causes the cp command to produce output if successful.'

-*Avoid overwriting data*:

-i → 'requires you to answer' y 'or' n 'for every copy that could end up'
'overwriting an existing files content.'

-n → 'no clobber, no overwrite'

-*Copying Directories*:

cp → 'does not copy directories by default.'

cp -r → 'copies both files and directories (recursively.)'

<Moving Files>

mv [source] [destination]
'users need permissions to remove files from a directory.'

-Renaming files:

mv 'is also used to rename files.'
'if a destination directory is not specified, the file is renamed using the'
'destination file name and remains in the source directory.'

-Additional move options:

-i` → 'interactive'
-n` → 'no clobber'
-v` → 'verbose'
'there is no' -r 'as it does it by default.'

<Creating Files>

touch [OPTION] FILE → 'creates a file with 0 bytes (no data.)'
touch me → 'creates a file called me xD'

<Removing Files>

rm [OPTION] [FILE] → 'remove files'
'the files are permanently deleted. No command to undelete a file.'
'use the' -i 'option when caution is required.'

-Removing Directories:

rm -r [FILE] → 'remove directories and their contents recursively.'
rmdir → 'only deletes empty directories.'

<Creating Direcories>

mkdir [OPTION] DIRECTORY → 'make (create) directory'