

Notes8

awk

* usage

- Used for processing and displaying text.

* formula

- `awk+option+{awk command}+file+ file to save to(optional)`

* examples

- Print the first column of every line of a file
 - `awk '{print $1}' ~/Documents/Csv/cars.csv`
- Start printing a file from given line (excluding first two lines)
 - `awk 'NR > 3 { print }' /etc/passwd`

sed

* usage

- A stream editor that performs changes on files

* formula

- `sed options+sed scripts+file`

* examples

- Replaces a string in given file (replace pizza for rice)
 - `sed 's/pizza/rice/' shopping-list.lst`
- replace a string on a range of lines
 - `sed '1,3 s/pizza/rice/' shopping-list.lst`

less

* usage

-

* formula

- `cat+option+file to display`

* examples

- display content of a file
 - `cat todo.lst`

- display content of file with line numbers

>

* usage

- saves a standard output

* formula

- `command output+>+file`

* examples

- save the output of a command to a file
 - `ls -lA ~ > all-files-in-home.txt`
- saves error message of command to a file
 - `ls -lA downloads/ 2> error-of-ls.txt`

>>

* usage

- adds more to a file instead of overwriting it's content

* formula

- `command output+>>+file`

* examples

- adds output of `ls -la` to end of file
 - `ls -la ~ >> all-files-in-home.txt`
- saves error message of command to the end of a file
- `ls -lA downloads/ 2>> error-of-ls.txt`

|

* usage

- redirects standard output of a command to the standard input of another

* formula

- `command_1 +| +command_2+| +command_3+| +...+| +command_N`

* examples

- use `grep` to look for a string in a certain particular man page
 - `man ls | grep "human-readable"`
- display only the options of the of any command from it;s man page

- `man ls | grep "^[[:space:]*[:punct:]]"`