Notes 5

cat

- Definition The cat command is used for displaying the content of a file.
- Usage cat + option + file(s) to display
- Examples cat todo.lst cat ~/Documents/todo.lst

tac

- Definition The tac command is used fir displaying the content file but in reverse order.
- Usage tac + option + file(s) to display
- Examples tac + option + file(s) to display tac + ~/Documents/todo.md

head

- Definition The head command displays the top N number of lines a given file. By default, it prints the first 10 lines. If more than one file name is provided then data from each file is preceded by its file name
- Usage head + option + file(s)
- Examples head -n 1 *.csv *.py ls -l ~/cis106/ | head -n 2

tail

- Definition The tail command displays the last N number of lines of a given file. By default, it prints the last 10 lines. If more than one file name is provided then data from each file is preceded by its file name.
- Usage tail + option + file
- Example tail -n 1 *.csv *.py tail -v -n 7 ~/Documents/Books/dracula.txt

cut

- Definition The cut command is used to extract a specific section of each line of a file and display it to the screen.
- Usage cut + option + file(s)
- Examples cut -d ':' -f1 /etc/passwd cut -d ':' -f1,7 /etc/passwd

sort

- Definition The sort command is used for sorting files. The sort command supports sorting: alphabetically, in reverse order, by number, and by month.
- Usage sort + option + file
- Examples sort -r users.txt sort -k 2 users.txt

wc

- Definition The wc command is used for printing the number of lines,characters and bytes in a file

- Usage wc + option + file(s)
- Example wc -m users.txt wc -l users.txt

diff

- Definition The diff command compares files and displays the differences between them
- Usage diff + option + file1 + file2
- Examples diff cars.csv cars-backup.csv diff -y cars.csv cars-backup.csv

grep

- Definition Grep is used to search text in given file. Grep works line bt line basis (it matches search criteria in a line by line basis).