**Steven's command line fu**

To find out the current weather in your location from the command line, use:

curl wttr.in

You can also type wttr.in in your browser for an advertisement-free version, or curl wttr.in/city\_name to know the current weather in a specific city.

To find out what your public address is after NAT translation, use:

curl ifconfig.me

To print just line 4 from a text file, use:

awk "NR==4" filename  
sed -n '4p' filename  
sed '4!d' filename

To monitor TCP opened connections, use:

watch -n 1 "netstat -tpanl | grep ESTABLISHED"

To list commands that you use often, use:

history | awk '{a[$2]++}END{for(i in a){print a[i] " " i}}' | sort -rn | head

To repeat the last command, use:

!!

To repeat the nth command on the history, use:

!n

To ping a range of IP addresses, use:

nmap -sP 192.168.1.100-254

To ping a certain address with size of 1024 bytes 100 times, use:

ping xxx.xxx.xxx.xxx size 1024 repeat 100

To ping all hosts on 192.168.1.0/24, use:

ping -b 192.168.0.255

This command makes connections of what we learned.