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.