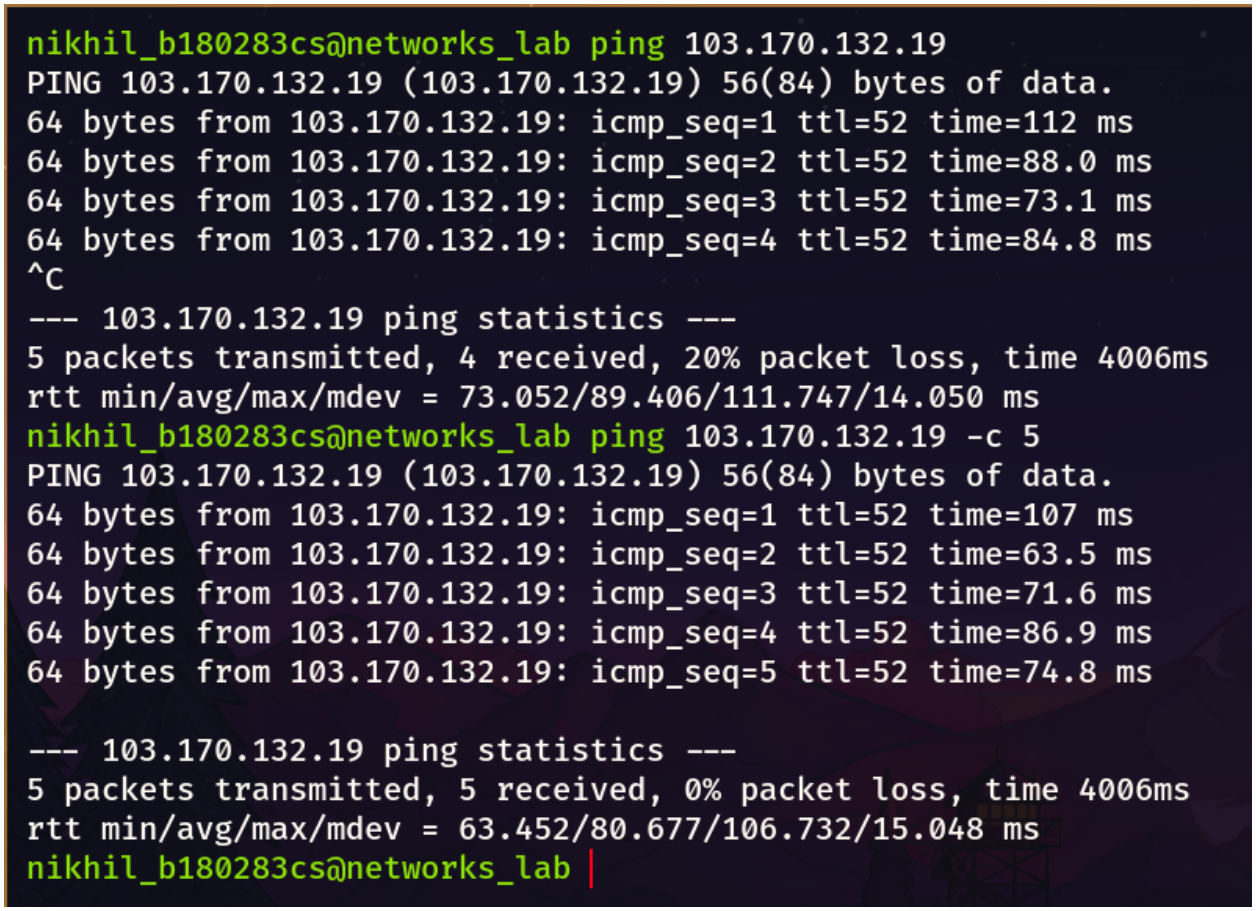
# CS3093D: ASSIGNMENT 01

## Ping

Used to send ICMP ECHO_REQUEST to network hosts

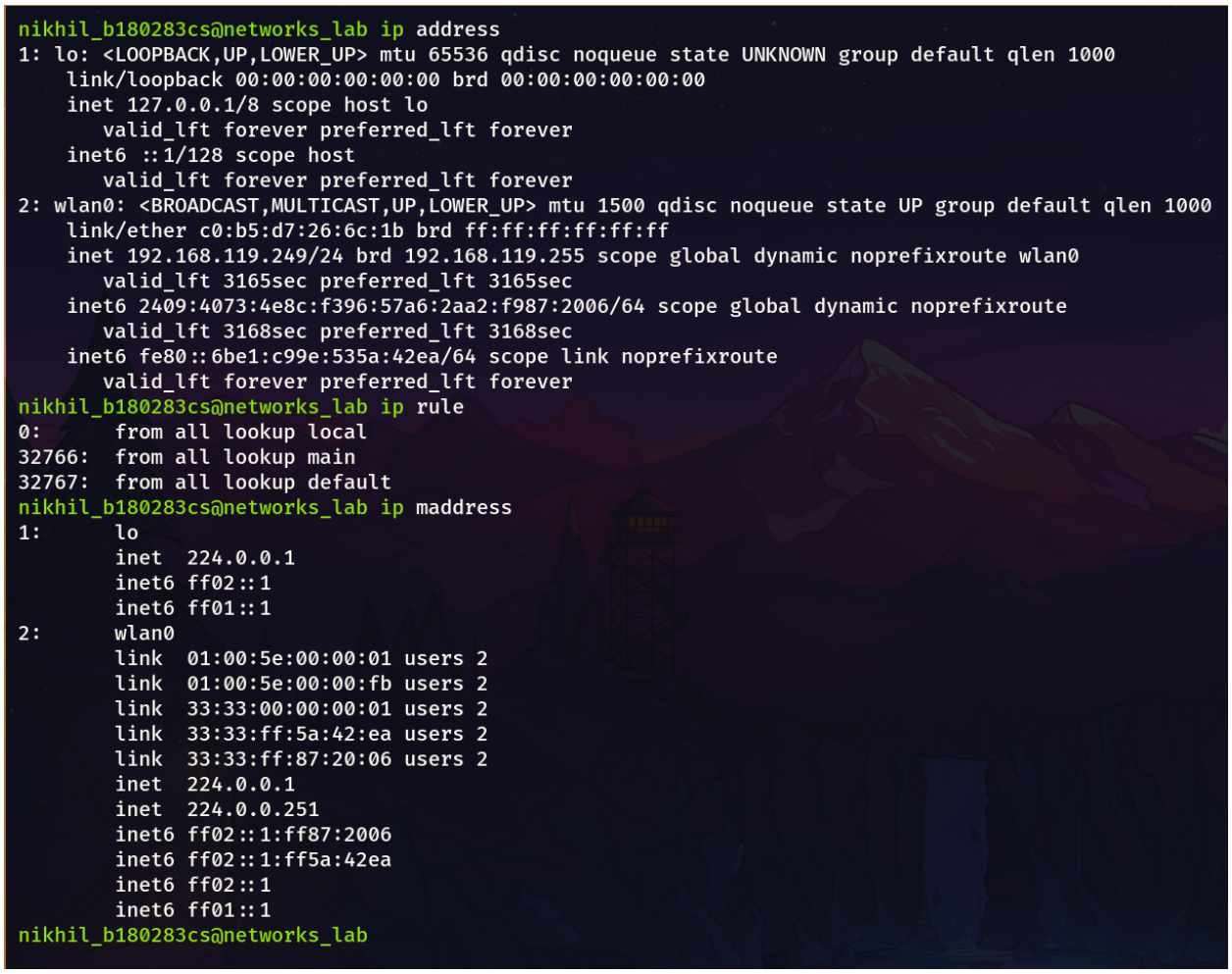


## tracert/traceroute

Used to print the route packets trace to network host

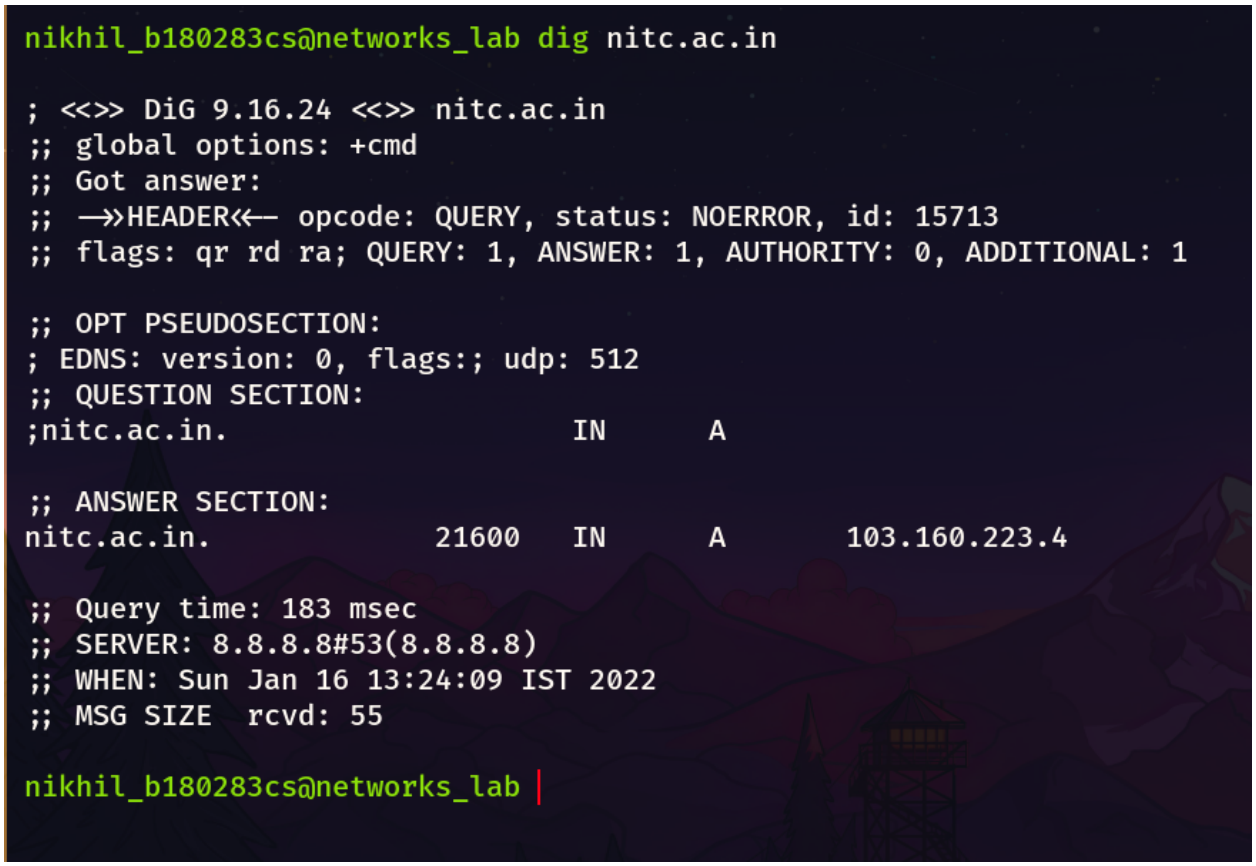
## ip/ifconfig/ipconfig

Used to show / manipulate routing, network devices, interfaces and tunnels



## dig/nslookup/host

Used to lookup DNS entries for a given domain

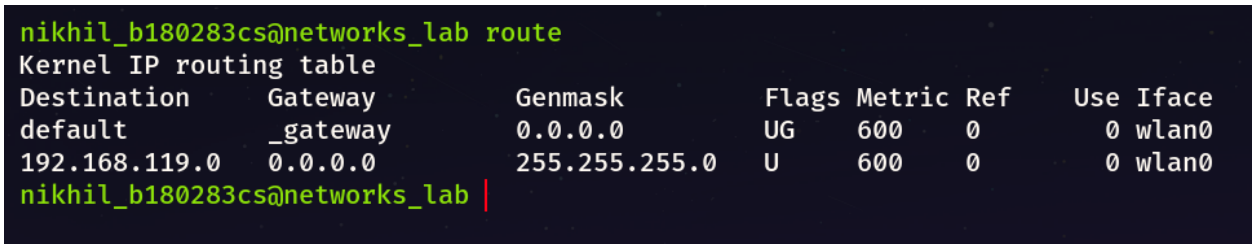


## Whois

Used to query the whois directory service. Shows who owns a particular ip or host

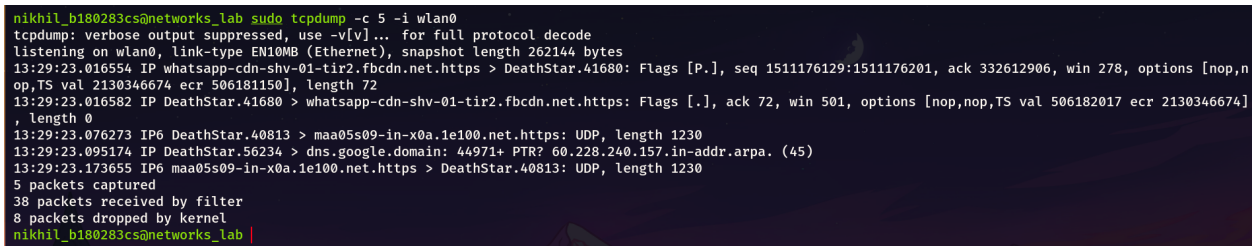

## Route

Used to show / manipulate the IP routing table



# Tcpdump

Used to dump traffic on a network

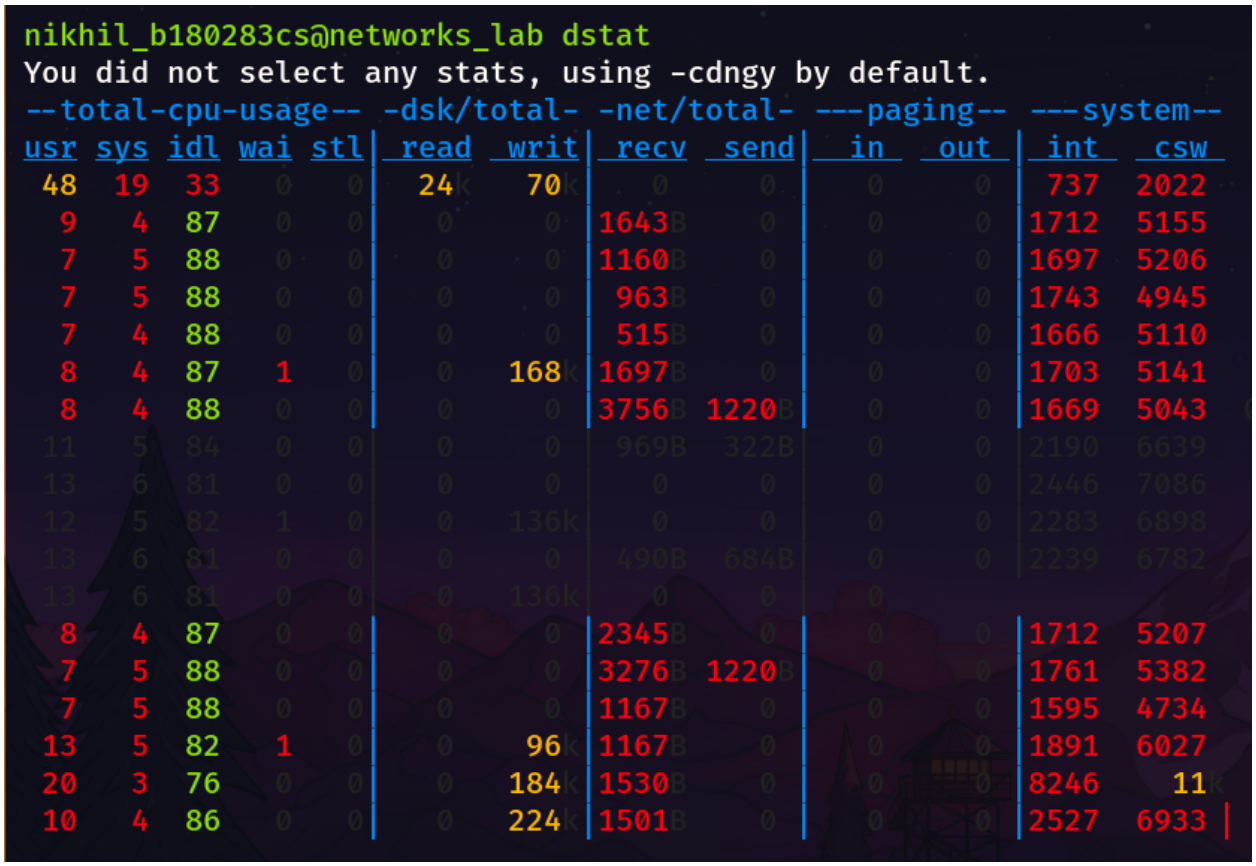



# netstat/ss

another utility to investigate sockets

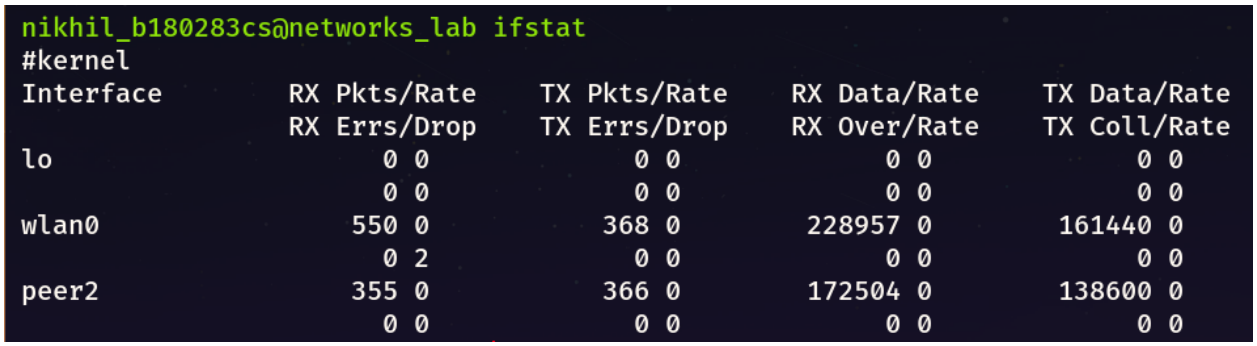
## Dstat

versatile tool for generating system resource statistics




## Ifstat

handy utility to read network interface statistics



## Wget

The non-interactive network downloader


## Tracepath

traces path to a network host discovering MTU along this path. Similar to traceroute