Computer Networks and Security Lab

18B15CS212

(ODD, 2021)

Assignment – 1 & 2

UNIX/Linux and Windows General and Networking Commands

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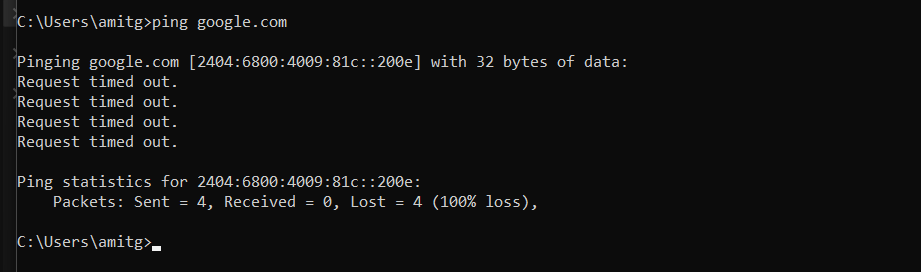
B11

2. UNIX/LINUX Commands

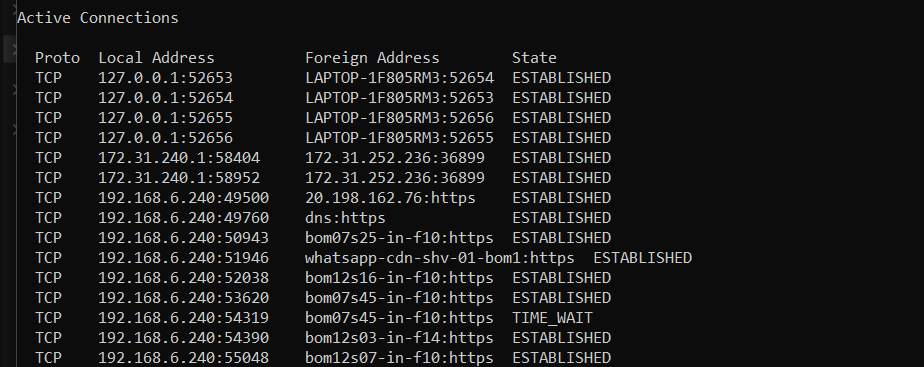
Pwd

4.1 Windows networking commands

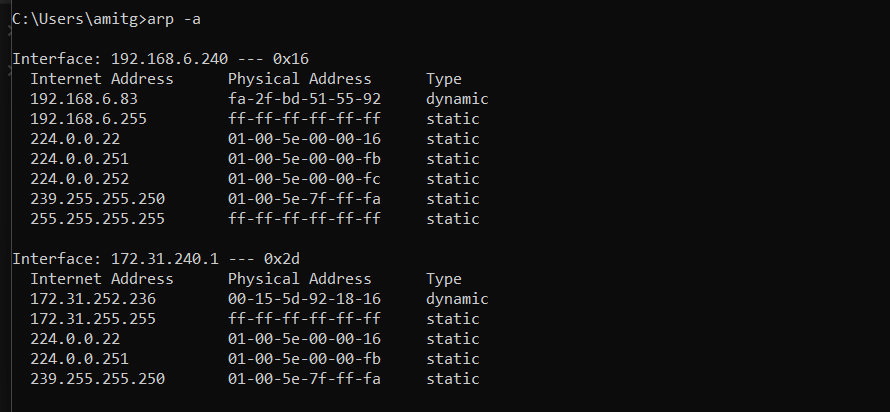
Ping



Netstat



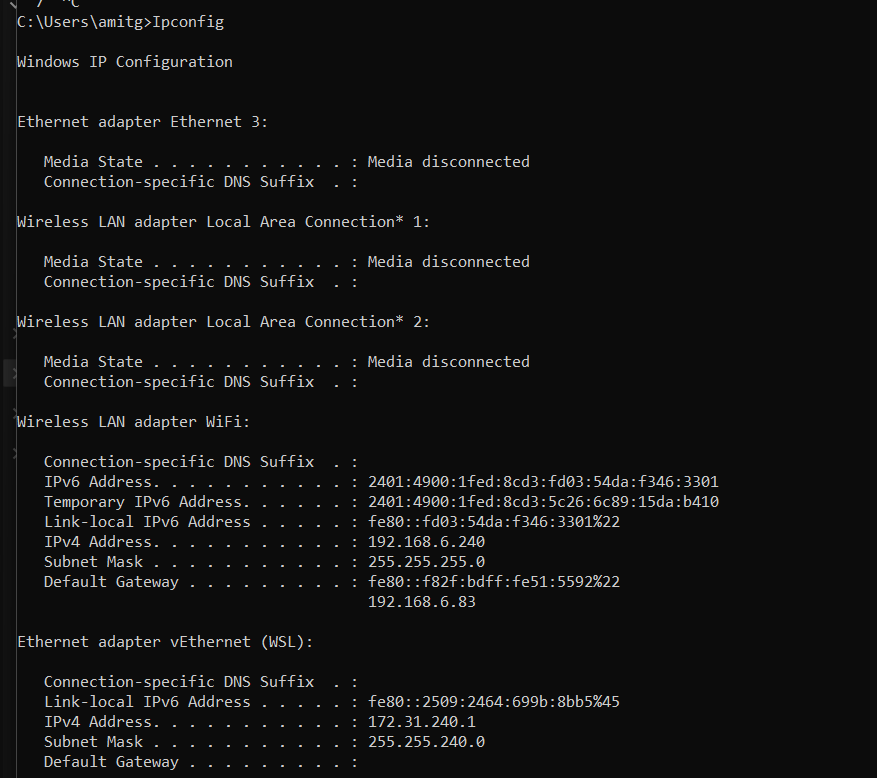
Arp



HostName



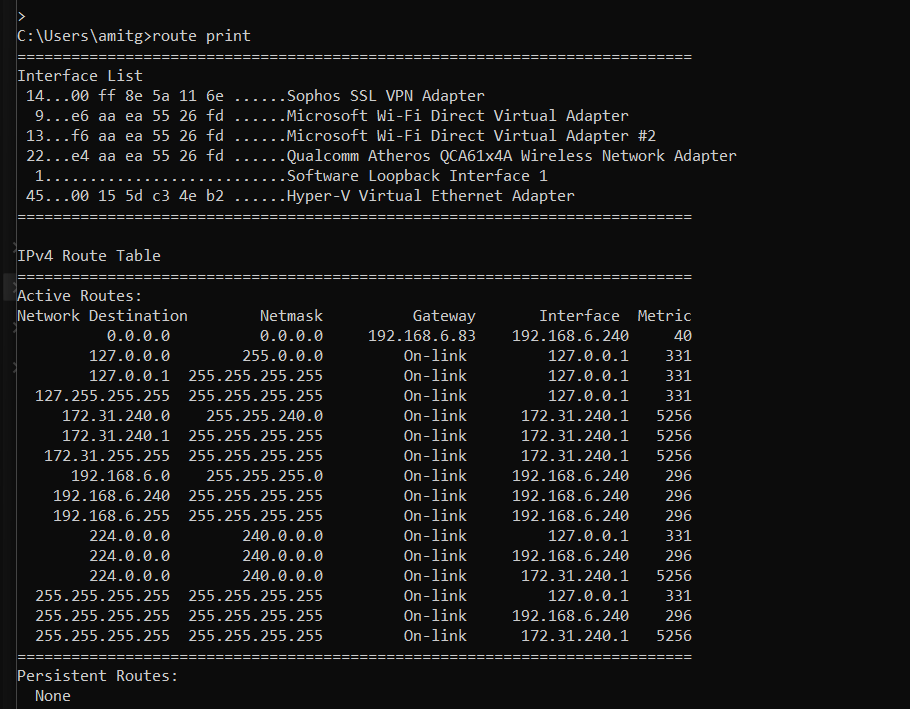
Ipconfig



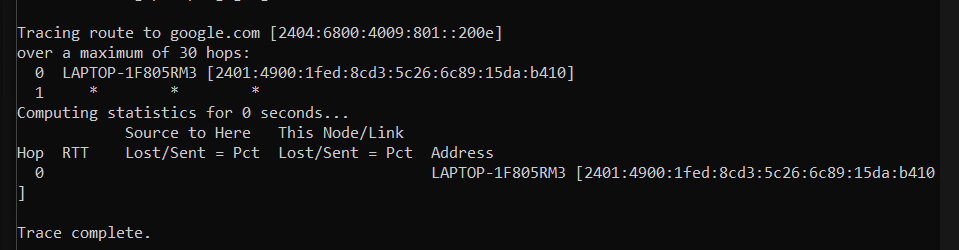
Nslookup



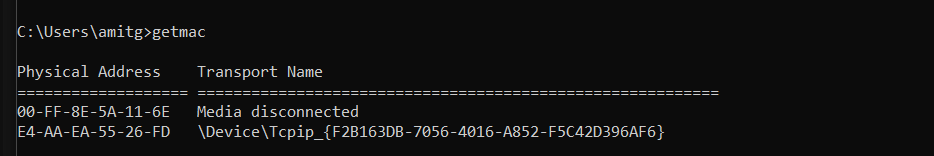
Route



Pathping

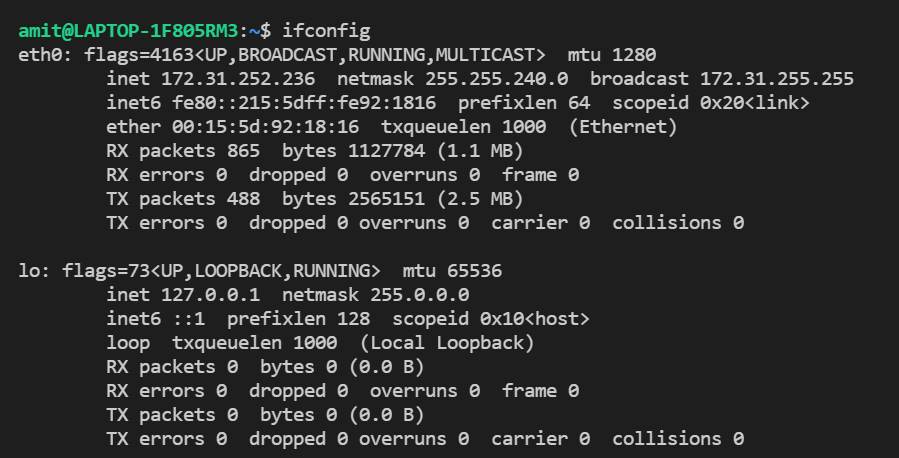


Getmac

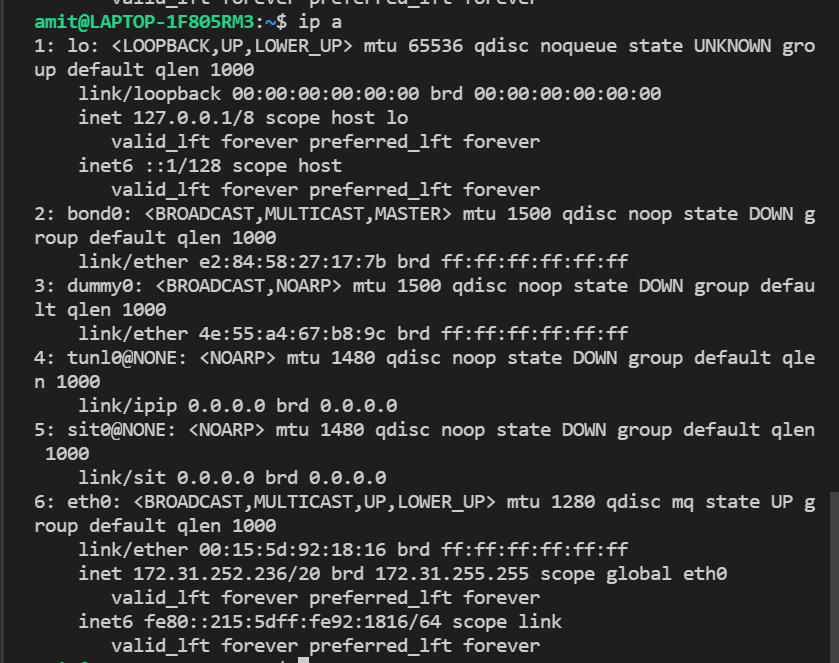


4.2 **Linux networking commands**

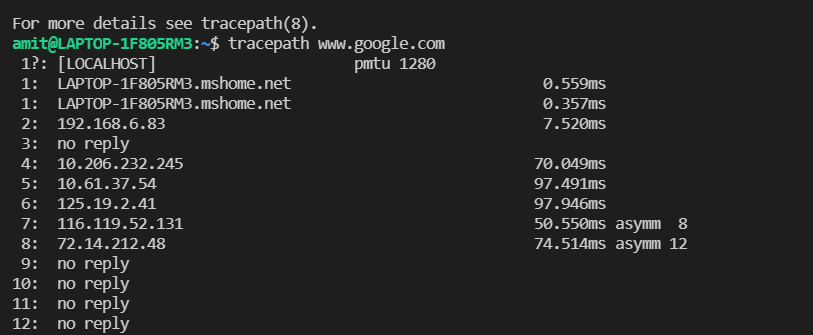
Ifconfig



Ip

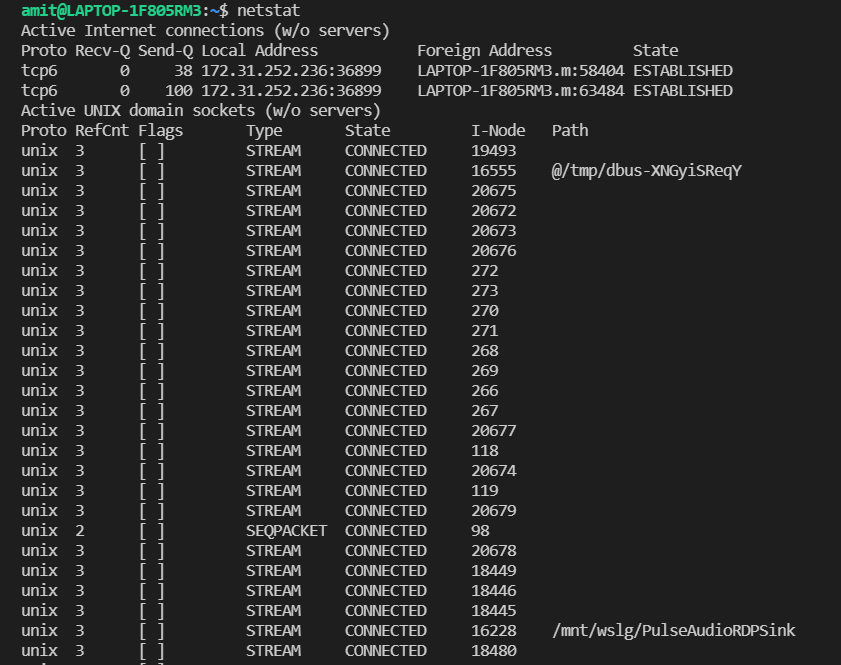


Traceroute

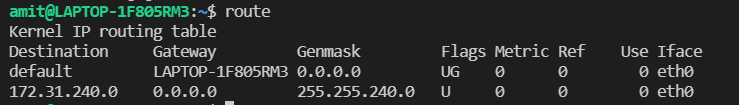


Ping

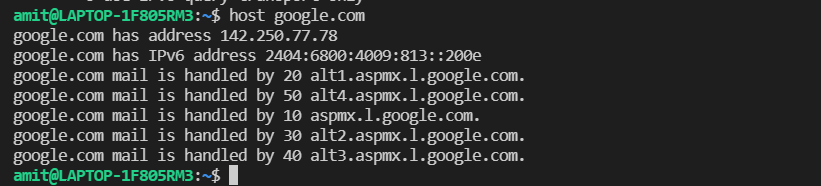
netstat



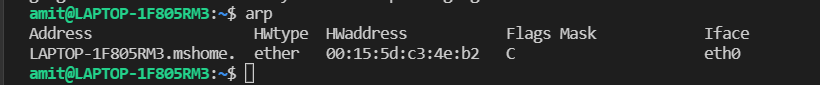
Route

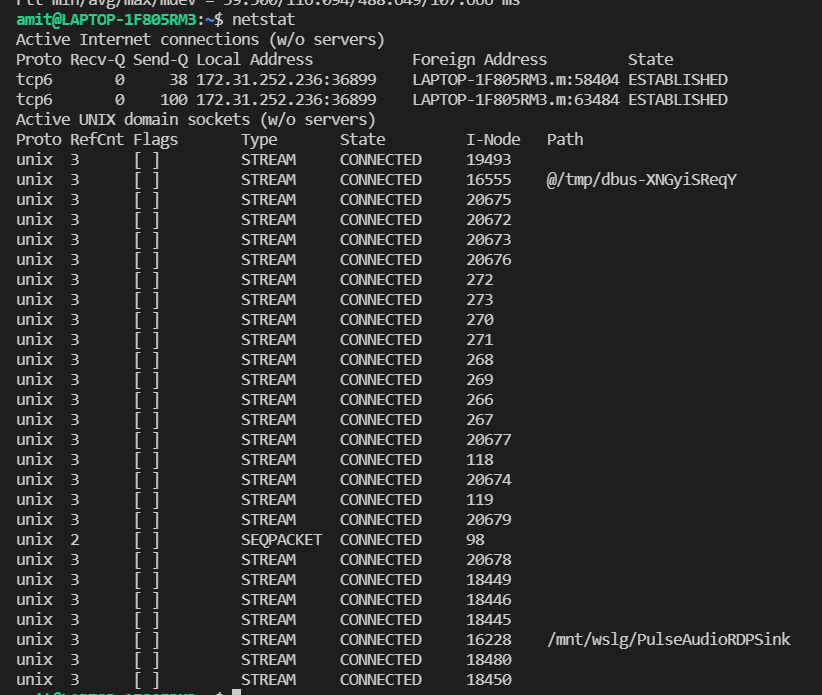


Host

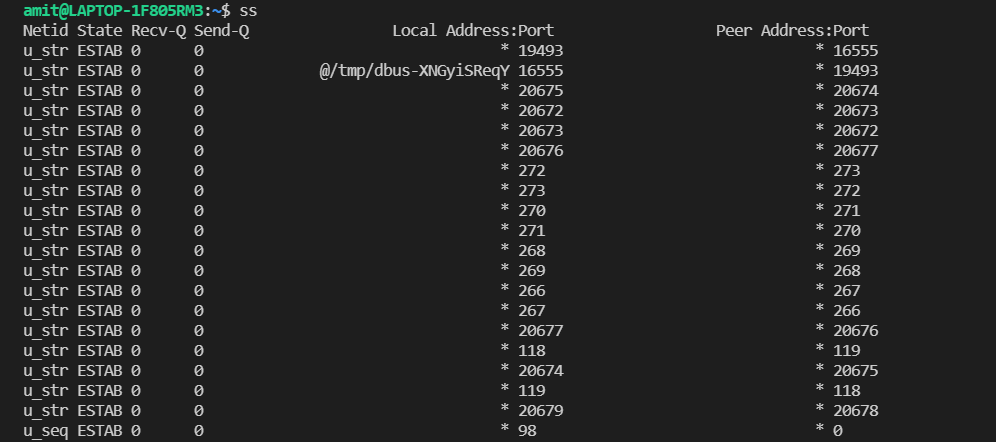


Arp

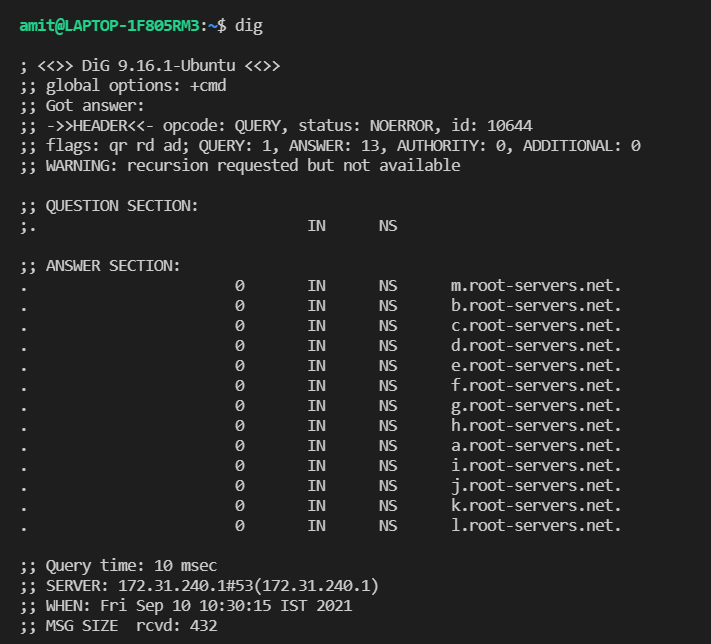




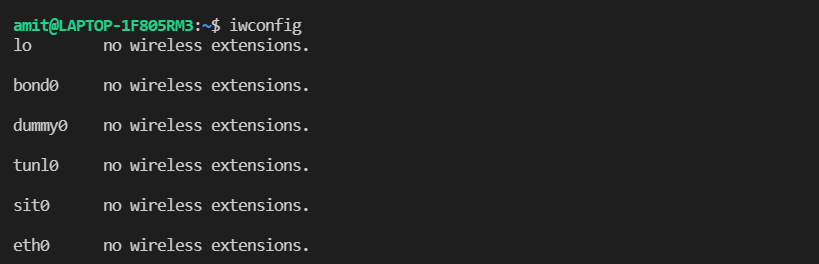
SS



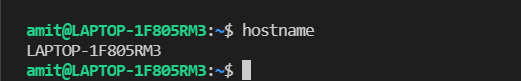
dig



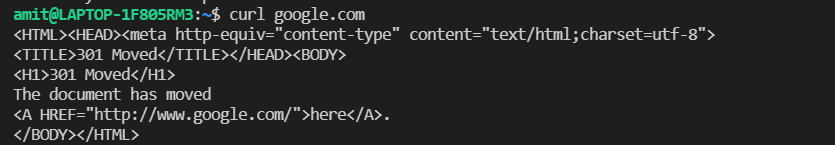
Iwconfig



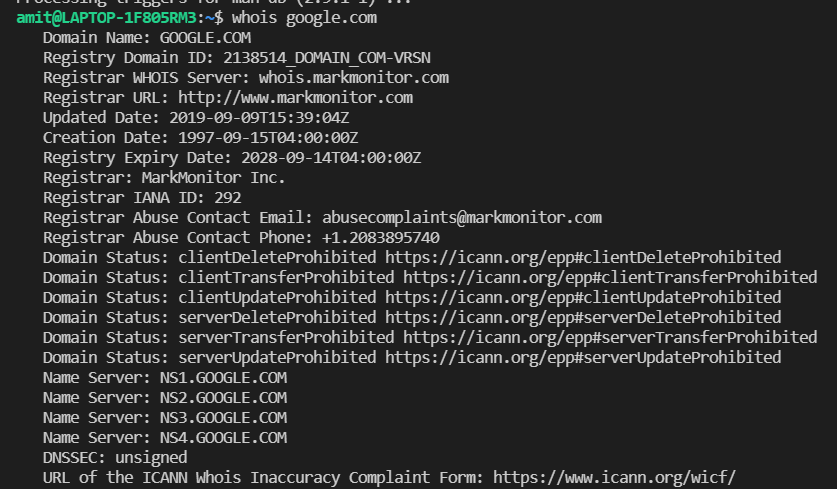
Hostname



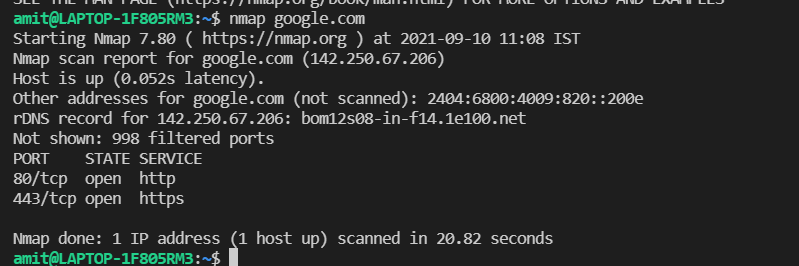
curl or wget



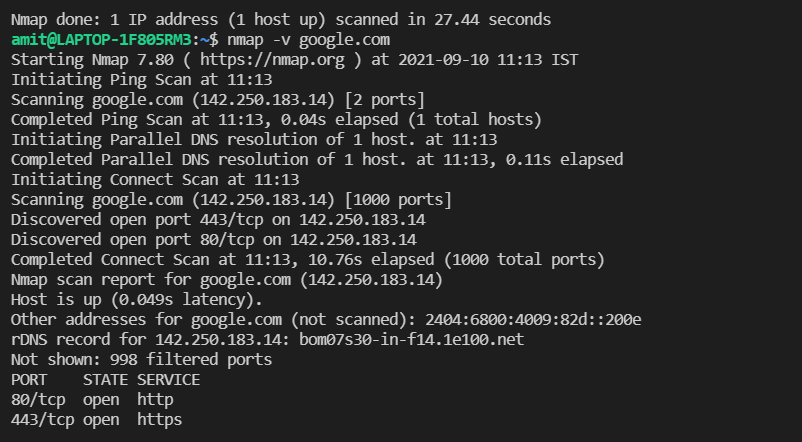
Whois



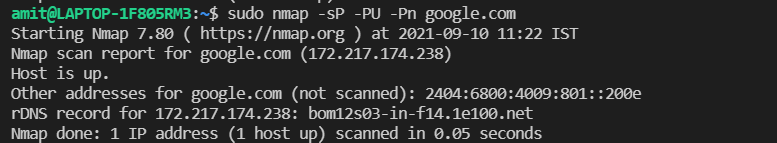
**Network Scanning**



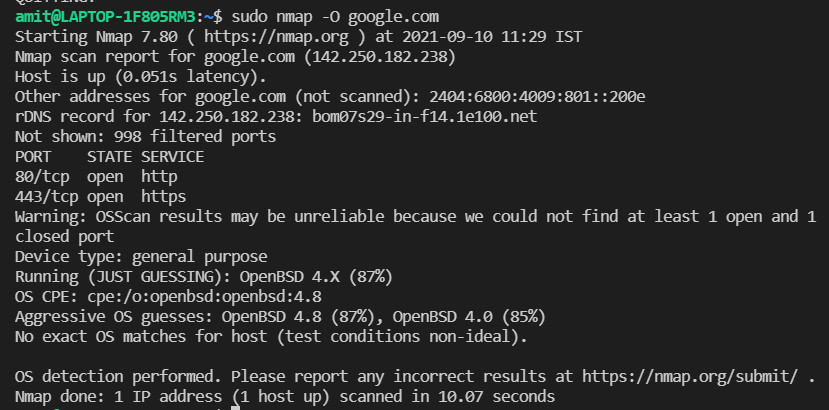
Port scanning (TCP scanning)



Ping and UDP scanning



OS fingerprinting



**6. Linux Firewalls**