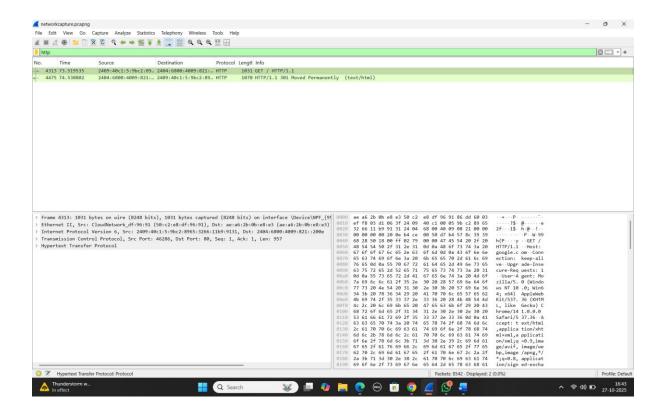
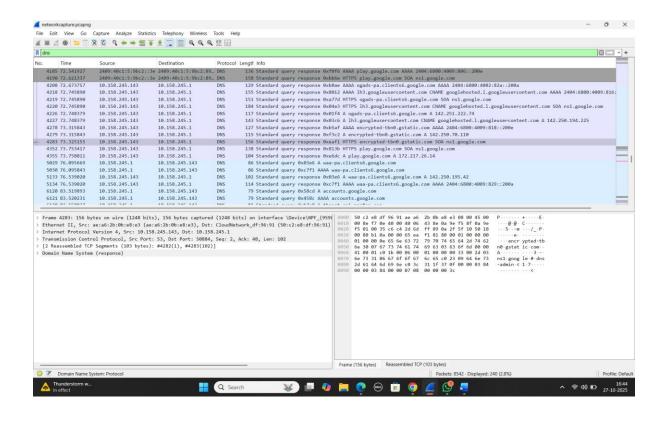
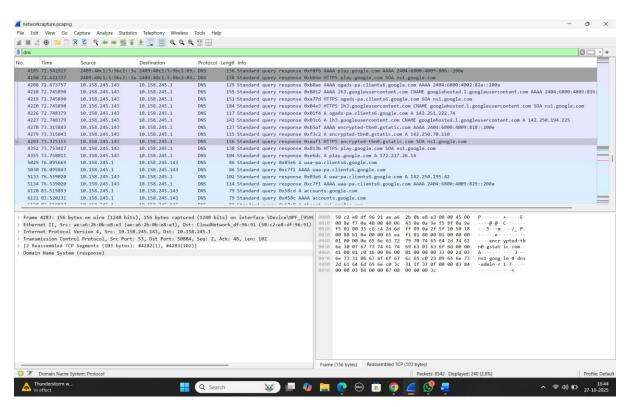
❖ Ping the websites: -

```
Microsoft Windows [Version 10.0.26100.4770]
(c) Microsoft Corporation. All rights reserved.
C:\Users\chavd>ping youtube.com
Pinging youtube.com [2404:6800:4009:829::200e] with 32 bytes of data:
Reply from 2404:6800:4009:829::200e: time=51ms
Reply from 2404:6800:4009:829::200e: time=69ms
Reply from 2404:6800:4009:829::200e: time=77ms
Reply from 2404:6800:4009:829::200e: time=50ms
Ping statistics for 2404:6800:4009:829::200e:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
     Minimum = 50ms, Maximum = 77ms, Average = 61ms
C:\Users\chav<mark>d>ping google.com</mark>
Pinging google.com [2404:6800:4009:821::200e] with 32 bytes of data:
Reply from 2404:6800:4009:821::200e: time=73ms
Reply from 2404:6800:4009:821::200e: time=77ms
Reply from 2404:6800:4009:821::200e: time=74ms
Reply from 2404:6800:4009:821::200e: time=30ms
Ping statistics for 2404:6800:4009:821::200e:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
     Minimum = 30ms, Maximum = 77ms, Average = 63ms
                                                                                                                    Q Search 🐠 🔲 🚺 📜 🥲 📾 🟗 🧿 🔀
```

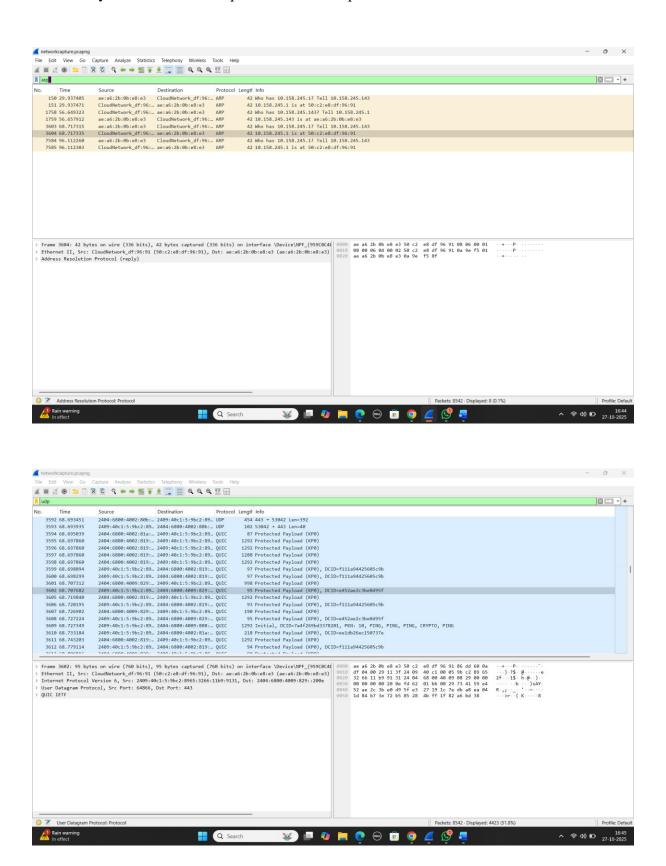
❖ Filter captured packets by protocol (e.g., HTTP, DNS, TCP): -

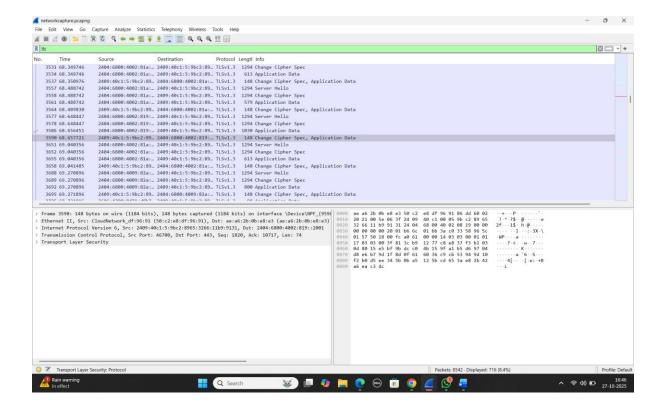






❖ Identify at least 3 different protocols in the capture.





- Summarize your findings and packet details: -
 - Number of total packets captured 8542
 - Identified protocols and their purpose HTTP for web browsing traffic

DNS – for domain name resolution

TCP/UDP – for transport layer communication

ARP/ICMP – for network discovery and ping requests

