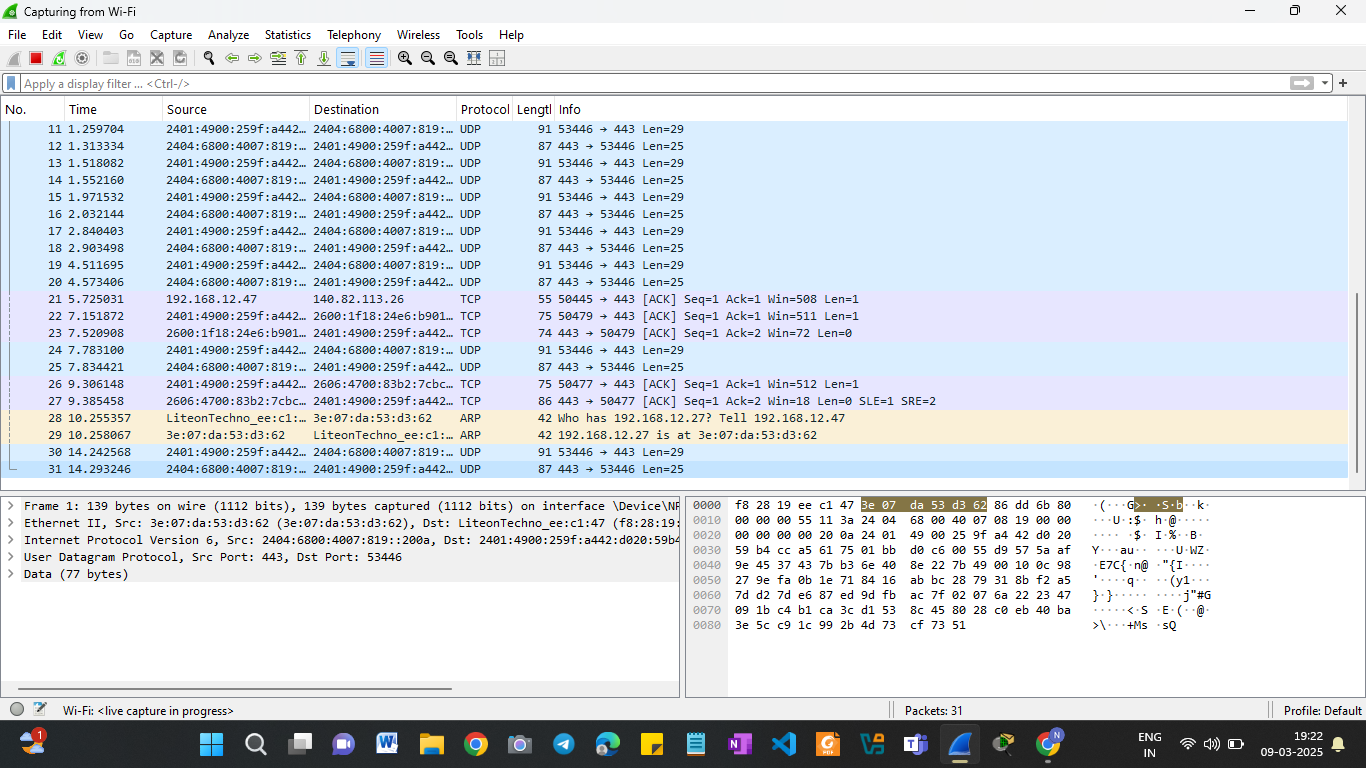
Q3)Explore packet filters using TCP-dump,Wireshark,Cisco Packet Tracer

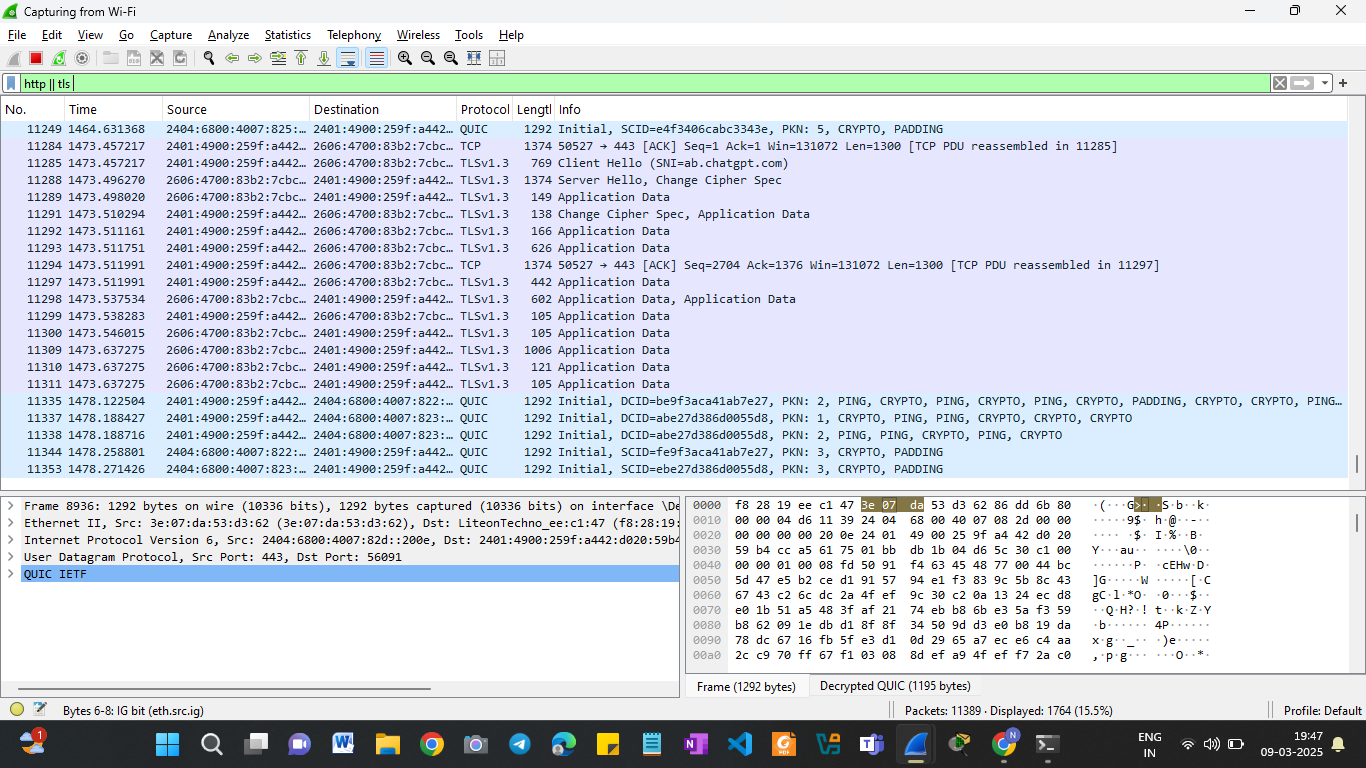
1)Wireshark:

  
Using Options:

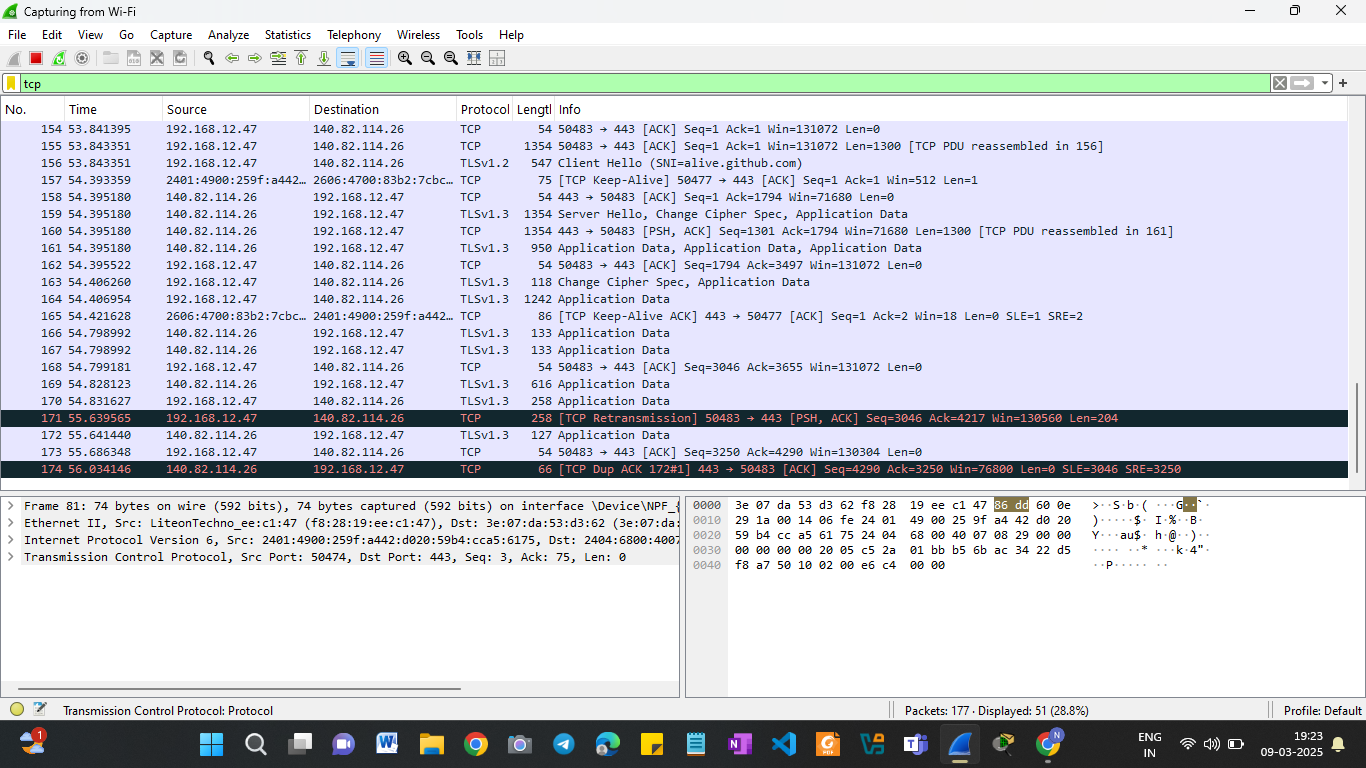
1. http || tls

 http → Shows unencrypted HTTP requests.

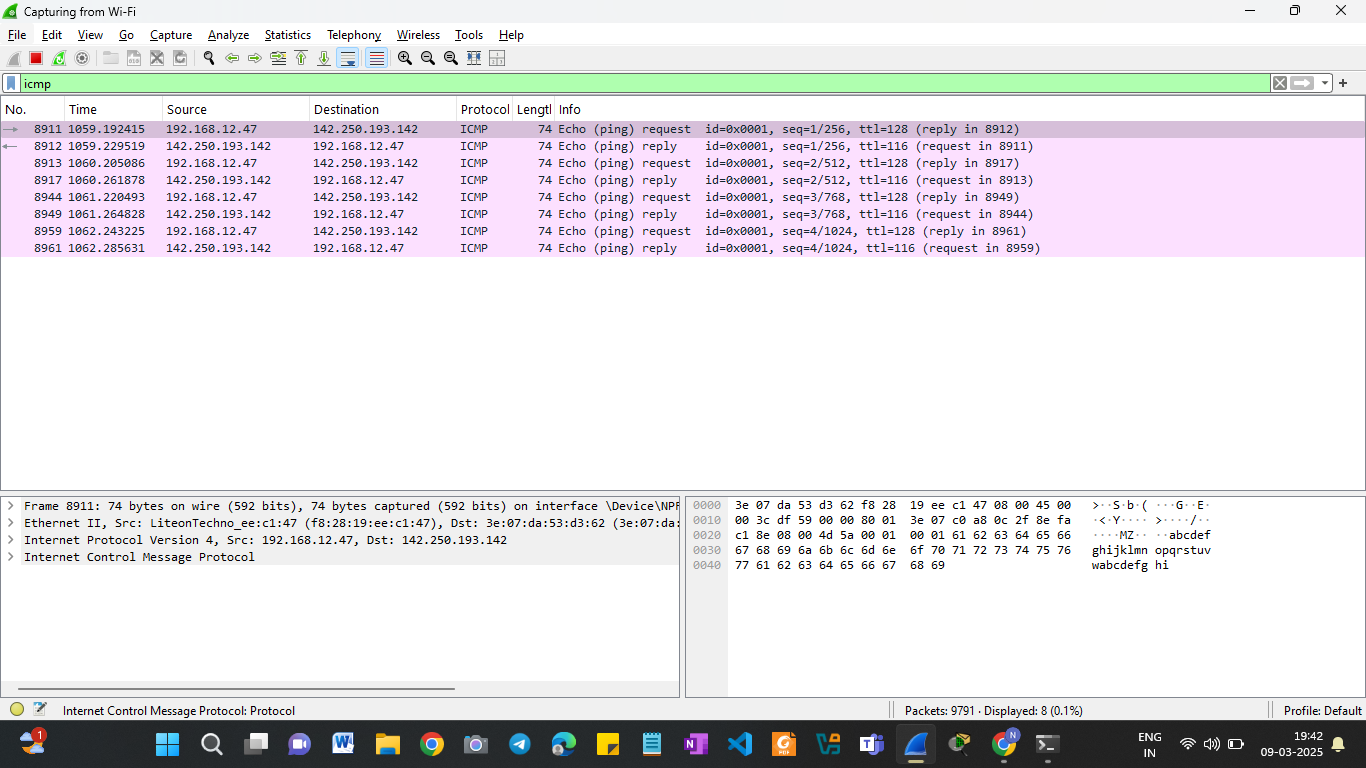
 tls → Shows encrypted HTTPS traffic.



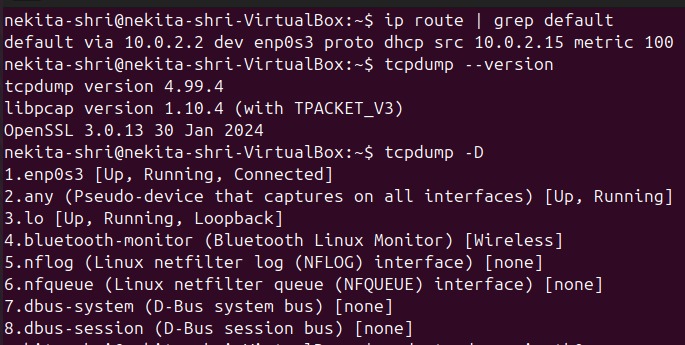
1. tcp: To show only TCP packets



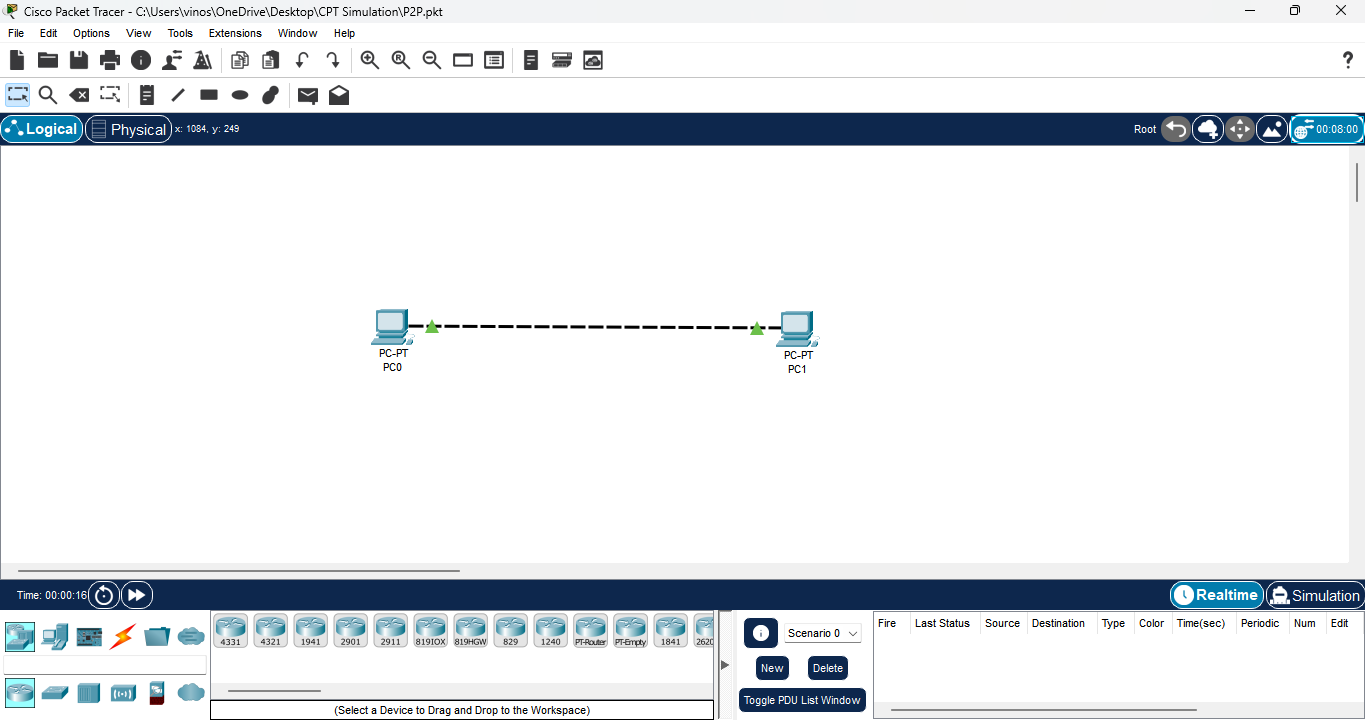
1. icmp: show only ICMP packets (ping requests)

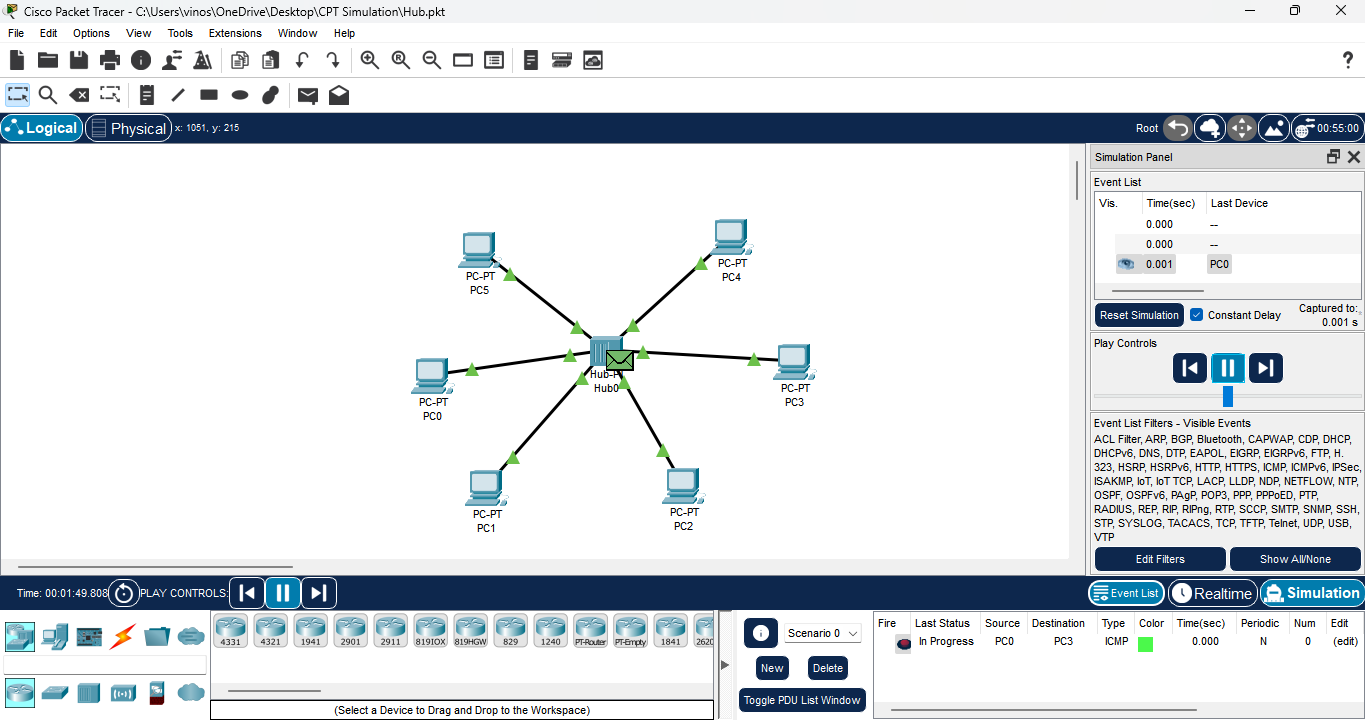


2)TCP –dump:



3)Cisco Packet Tracer :

* Simple P2P network:  
  
* Use of HUB:



* Use of Router

