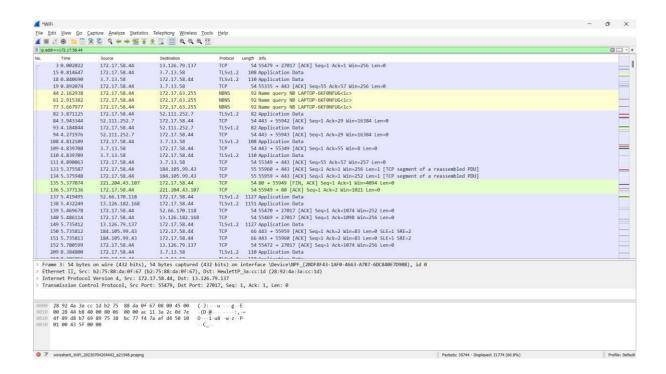
DIGITAL ASSIGNMENT 4

GAGAN CHAUDHARY

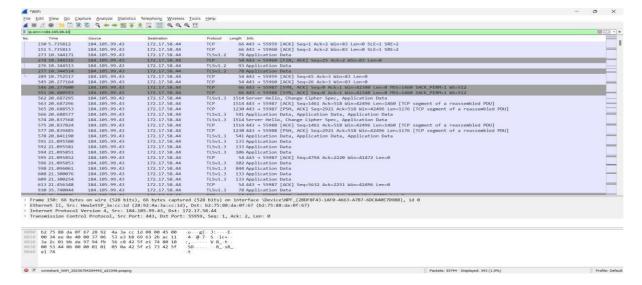
4 July 2023

AIM:-. To filter packets based on various criteria's.

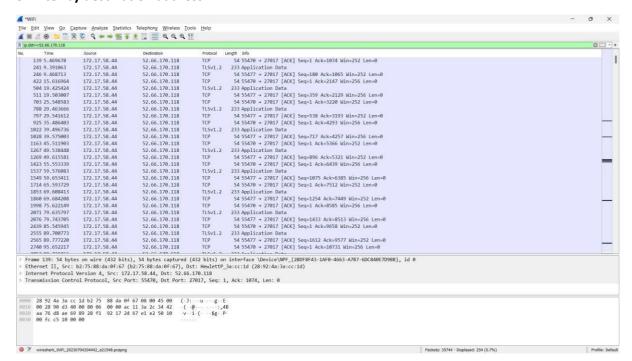
1. Filtering traffic on specific IP Address:



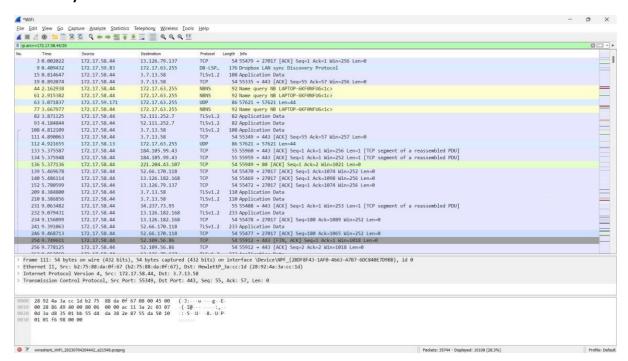
2. Filter by source address:



3. Filter by destination address

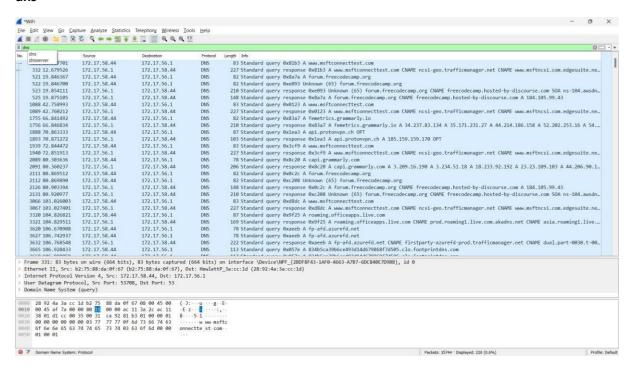


4. Filter by IP subnet

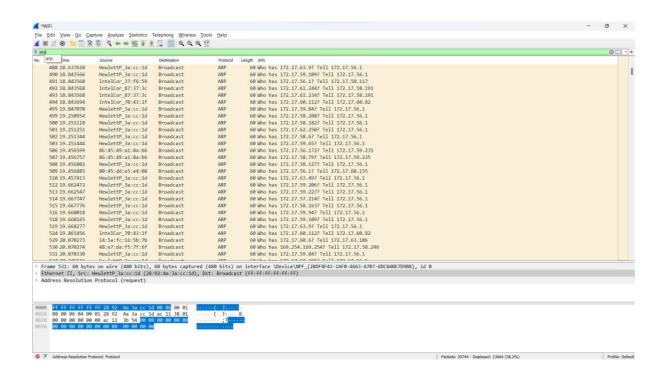


5. Filter traffic based on protocol

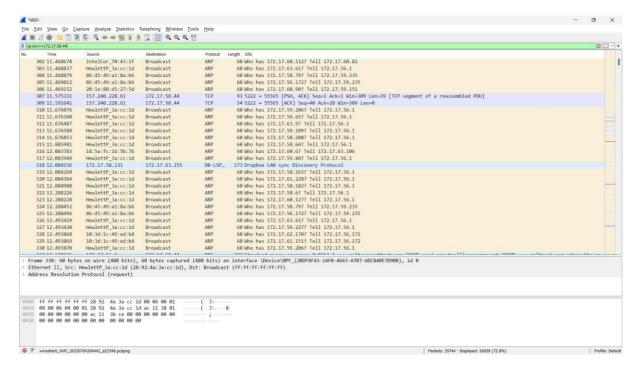
dns



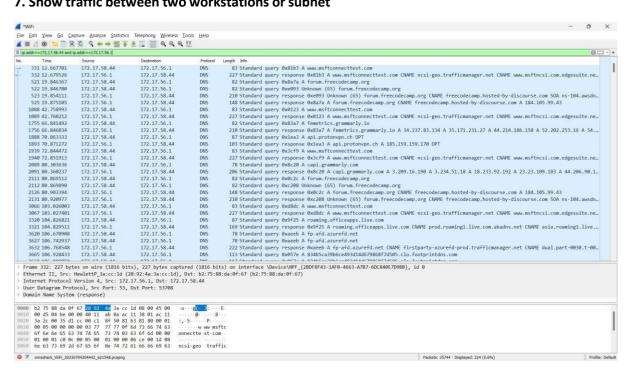
Arp



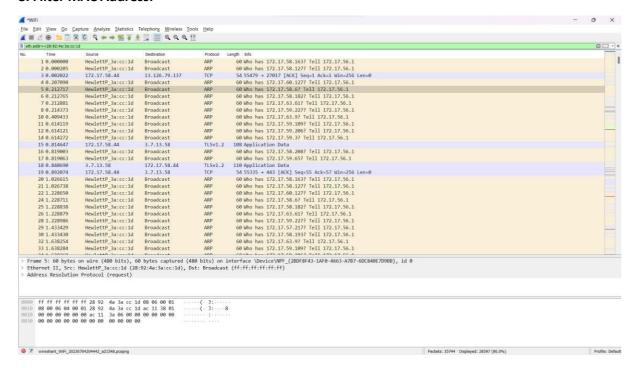
6. Exclude IP address



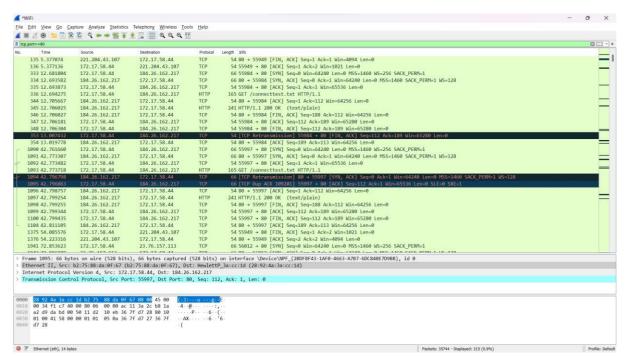
7. Show traffic between two workstations or subnet



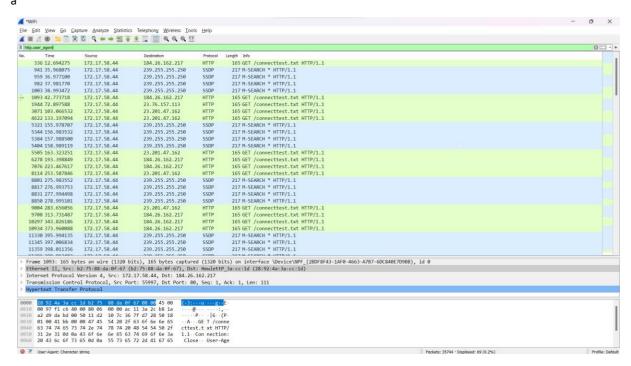
8. Filter MAC Address:



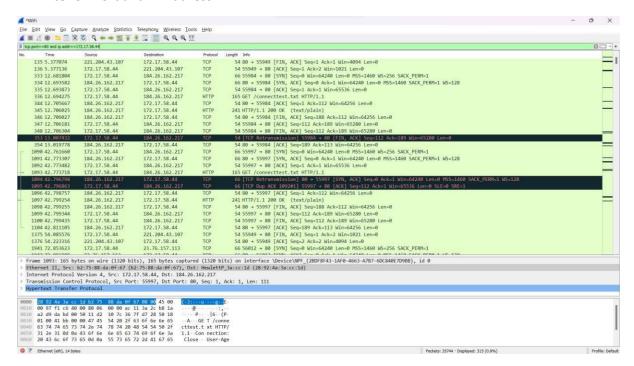
9. Filter on TCP Port:



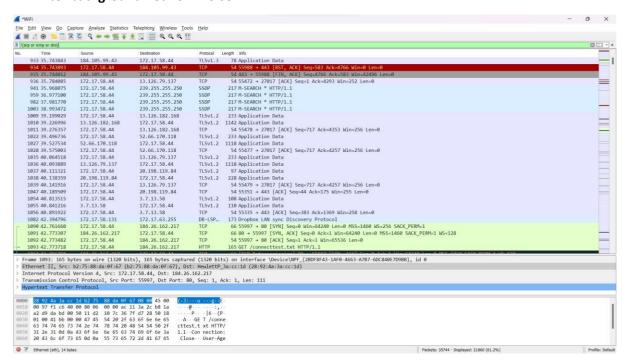
a10. Find user name:



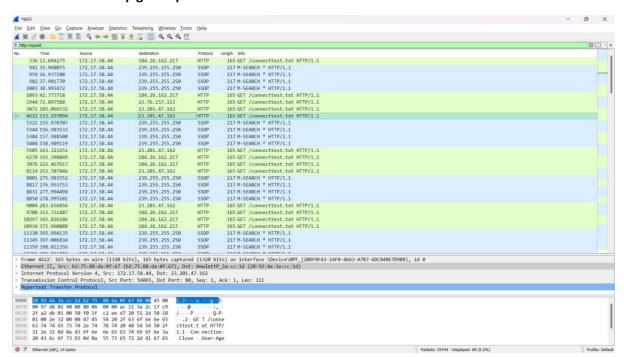
11. Filter on Port and IP Address:



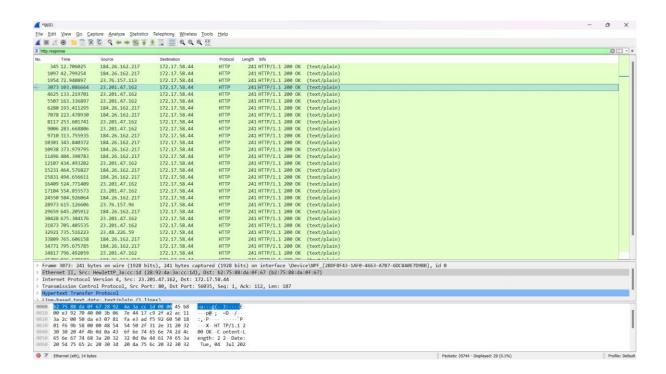
12. Filter background network noise:



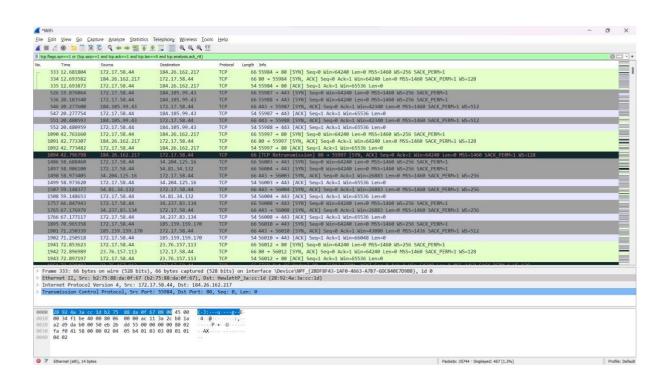
13. Filter for all http get requests:



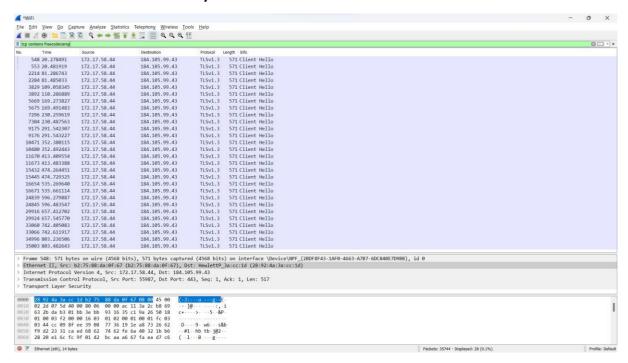
14. Filter for all HTTP Responses:



15. Filter on three-way handshake:



16. Search traffic based on a keyword



17. Detecting SYN Floods (Possible DDoS attacks)

