

PRACTICAL-5

AIM: Use a tool like wireshark to capture packets and examine the packets.

Filter and Examine Packets:

1. **Observe Captured Traffic:** You will see packets being captured in real time. Each line represents a network packet.
2. **Use Filters:** To focus on specific traffic, you can apply filters. For example:
 1. To filter for HTTP traffic: http
 2. To filter for a specific IP address: ip.addr == 192.168.1.1
 3. To filter for a specific protocol: tcp or udp
3. **Inspect a Packet:** Click on any packet to view detailed information. This will show you different layers of the packet (e.g., Ethernet, IP, TCP/UDP, application data).
 1. The **Packet Details** pane shows you a breakdown of the packet structure.
 2. The **Packet Bytes** pane shows the raw byte data of the packet.





