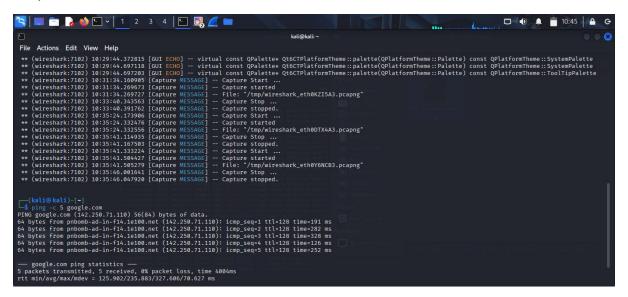
## Task 5

## Task 5: Capture and Analyze Network Traffic Using Wireshark

## Step 1: Install Wireshark

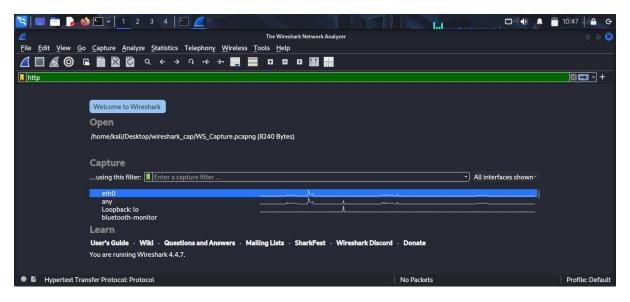
Step 2: Start capturing on active Network Interface

Step 3: Generate Network Traffic

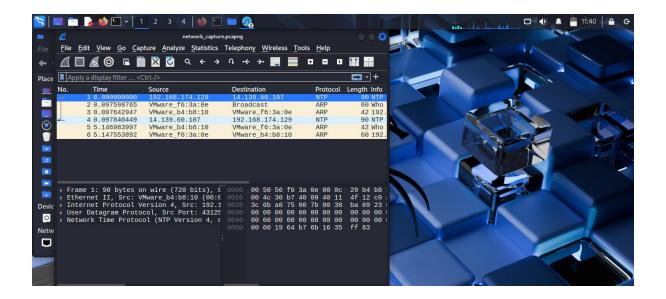


Step 4: Filter capture packets by protocol

HTTP, DNS, TCP



Step 5: Export capture as .pcap file



## **Summary:**

-Total Packets Captured: 532

-Protocols Identified: TCP, DNS, HTTP

-Packet Details:

-DNS requests to resolve google.com

-TCP handshakes between your system and remote servers

-HTTP GET request to example.com and corresponding HTTP 200 OK response