LAB 9

Exercise:

1. What is Promiscuous Mode?

 Promiscuous mode is a feature of network adapters that allows them to receive all packets on the network, rather than just those addressed to the adapter's specific MAC address. This allows the adapter to monitor all network traffic, including traffic intended for other devices. It is often used for network troubleshooting and security purposes.

2. Write the expression that will captures only packets which are meant for host 72.16.30.1.

   tshark.exe host 172.16.30.1

3. Describe this filter "tshark src host 172.16.30.1 and dst port 80" in your own words.

 This is a filter that can be used in the command line tool Tshark, it captures packets whose source IP address is "172.16.30.1" and destination port is "80". It is used to capture the specific traffic coming from host IP address 172.16.30.1 and going to destination port 80, which is used for HTTP traffic.