

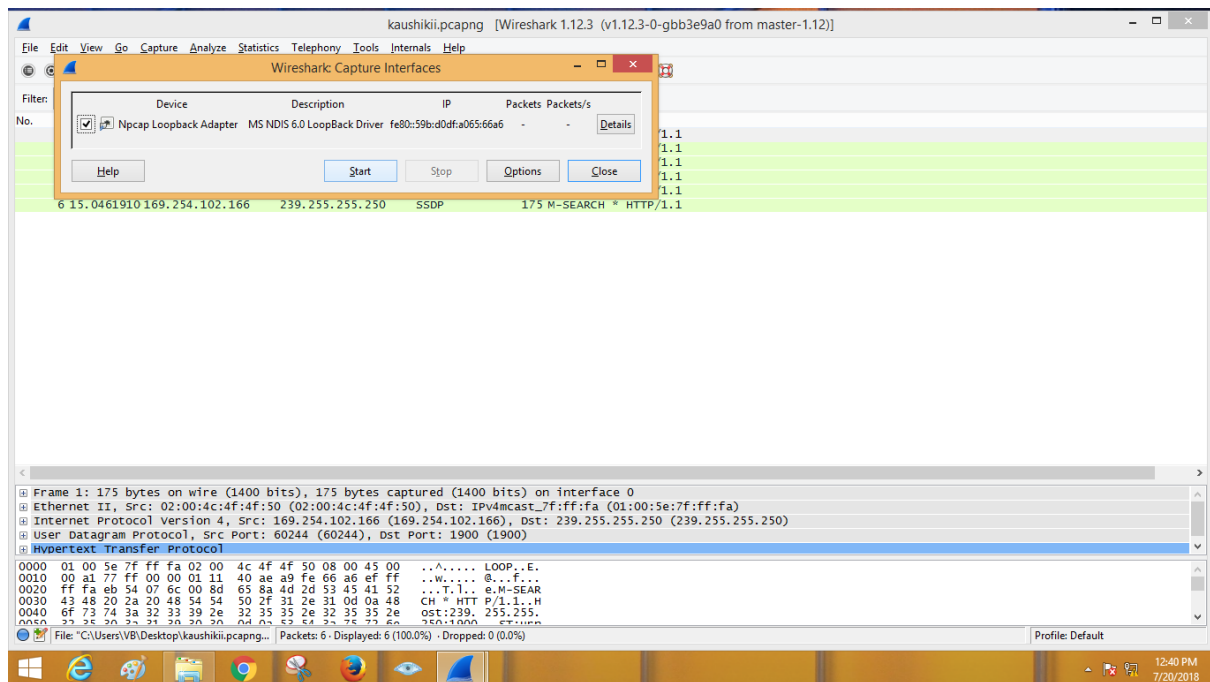
Practical 4

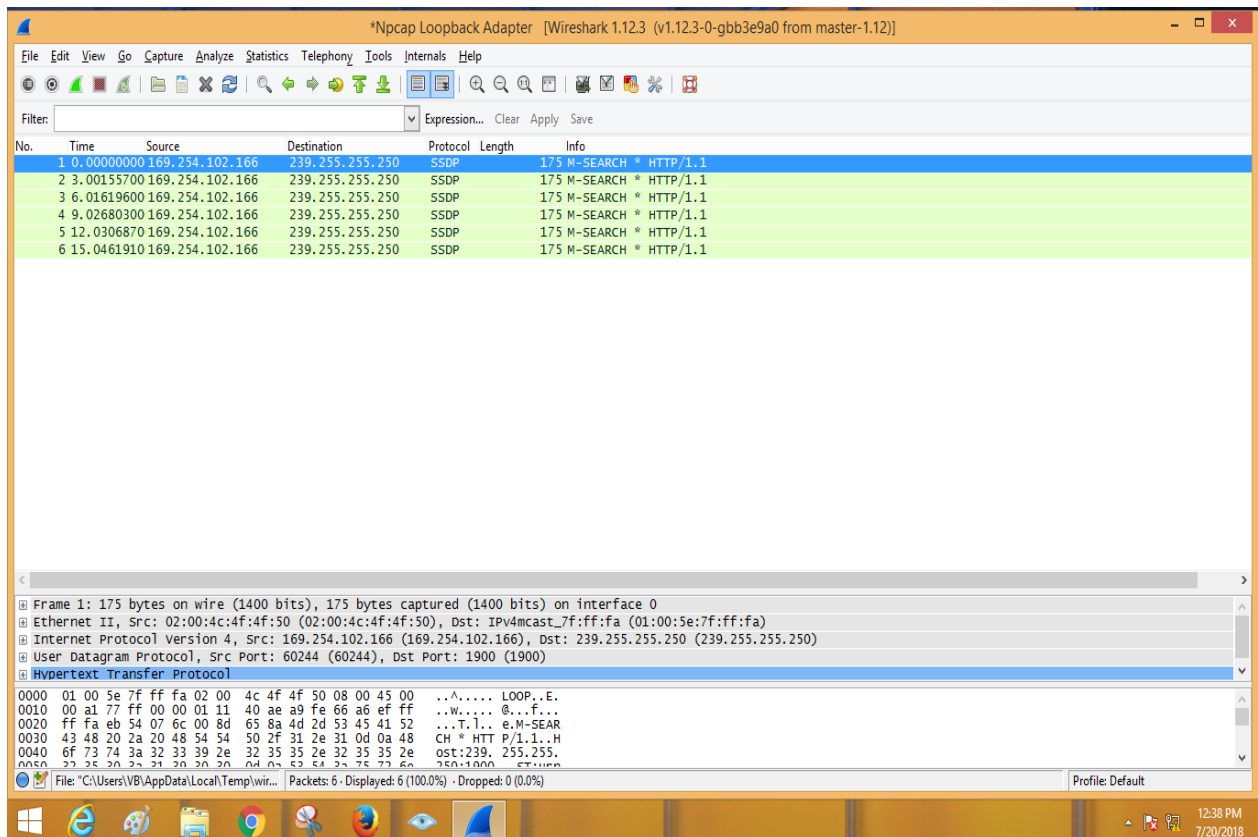
Aim: network vulnerability using Wireshark..

Open windows system and go to Wireshark application.

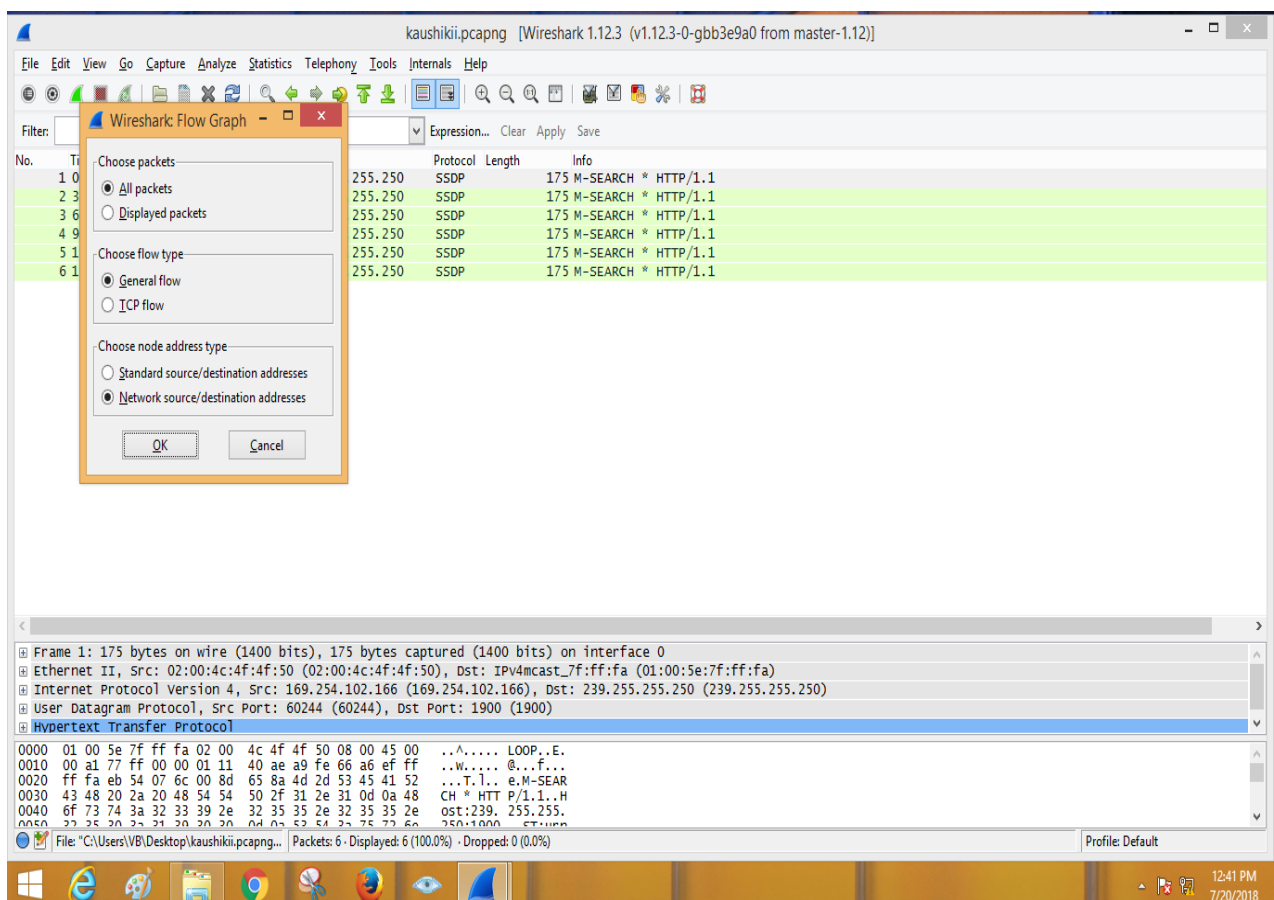
Use different functions like capture, filter and inspection of packets.

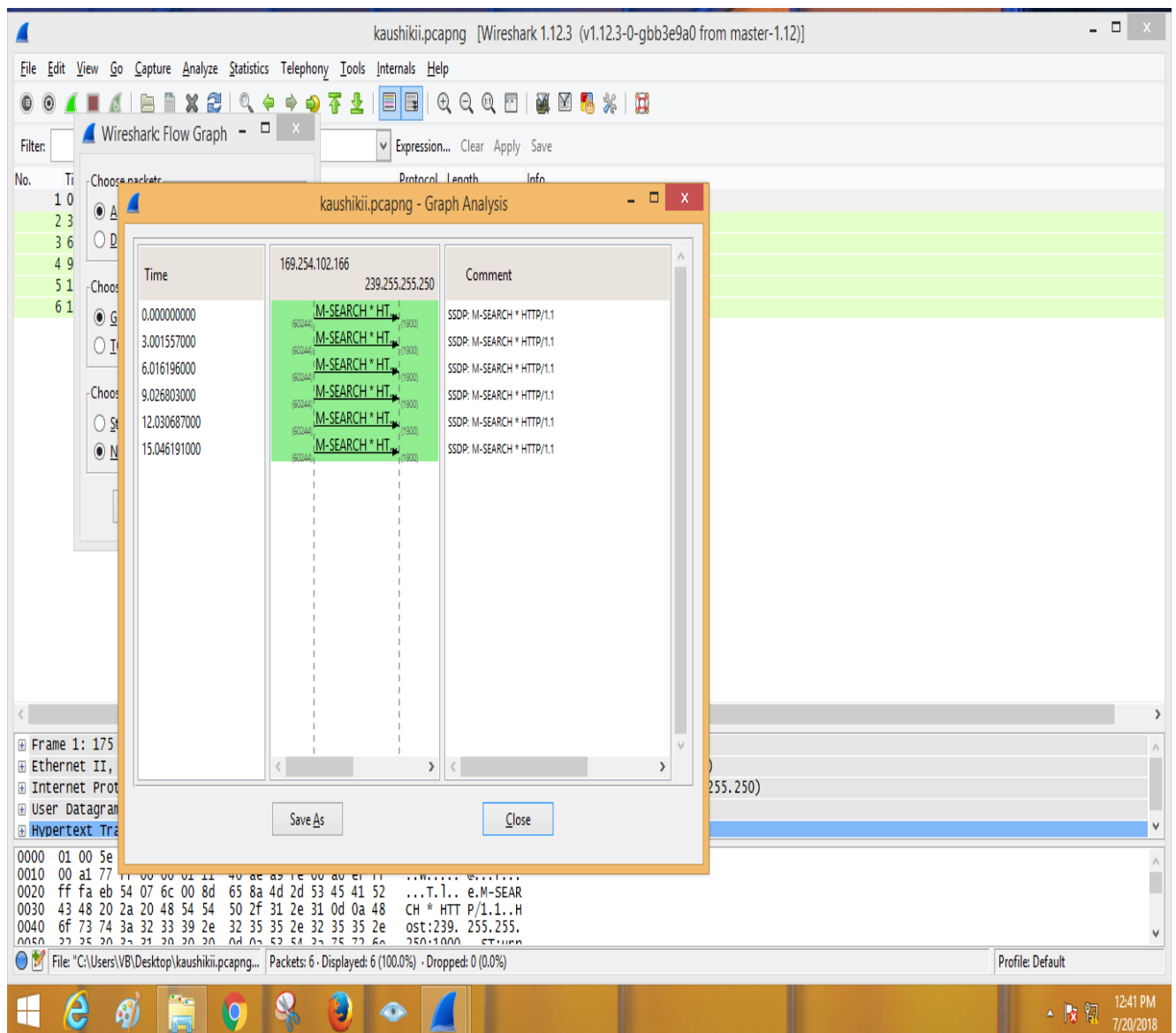
1. Capture





2. Statisticflowgraph





3. Packet inspection.

The image shows a Wireshark packet capture window titled "Capturing from Npcap Loopback Adapter [Wireshark 1.12.3 (v1.12.3-0-gbb3e9a0 from master-1.12)]". The interface is divided into several panes:

- Filter:** Empty.
- Packet List:** Shows 24 packets. The first packet (No. 1) is selected, showing details for Ethernet II, Internet Protocol Version 6, User Datagram Protocol, and DHCPv6.
- Packet Details:** Expanded for the selected packet, showing the following layers:
 - Ethernet II, Src: 02:00:4c:00:00:00, Dst: 02:00:4c:00:00:00
 - Internet Protocol Version 6, Src: 2001::1, Dst: 2001::1
 - User Datagram Protocol, Src Port: 546, Dst Port: 547
 - DHCPv6
- Packet Bytes:** Shows the raw packet data in hexadecimal and ASCII.

The bottom status bar indicates "Packets: 24 · Displayed: 24 (100.0%)". The system tray shows the date and time as 12:58 PM 7/20/2018.