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Lab report no: 2

Name of the lab report: Wireshark display

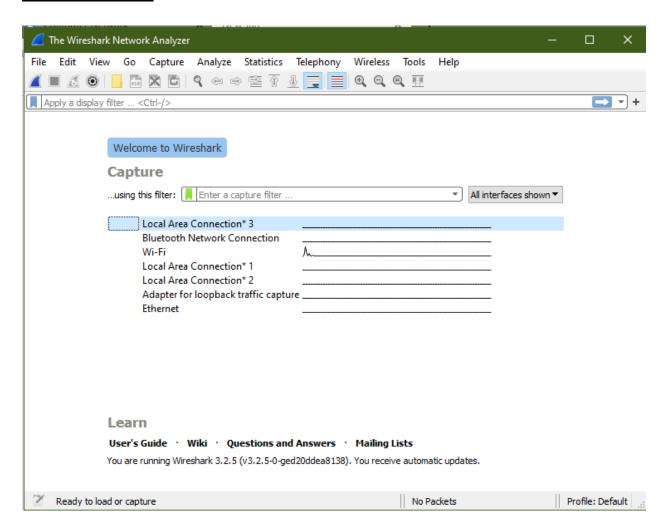
# **Objectives:**

❖ To learn basic packet analysis using Wireshark

### Theory:

Wireshark is a free and open source network packet analyzer. It is mainly used for network troubleshooting and analysis. In this lab we will learn how to analyze the packets and to find different protocol related information from the captured packets.

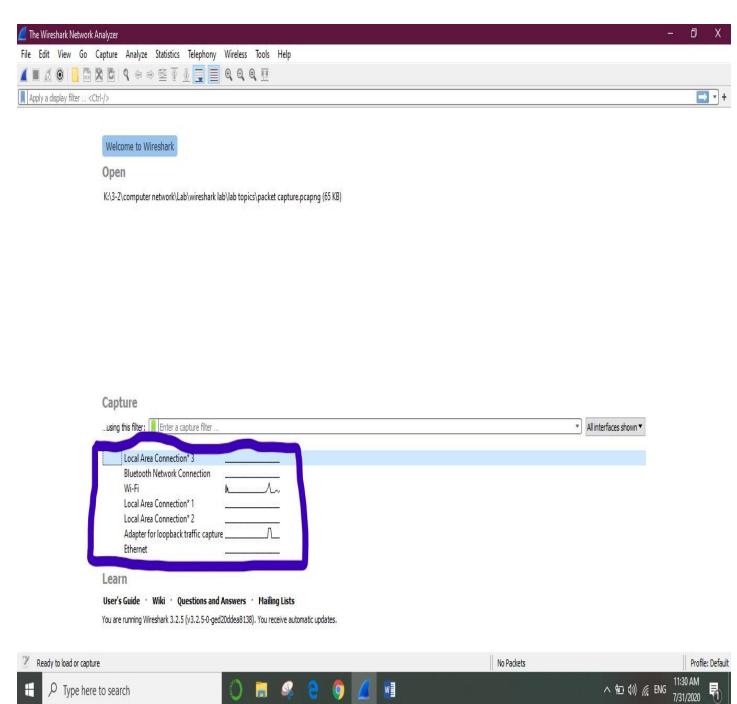
### **Running Wireshark:**



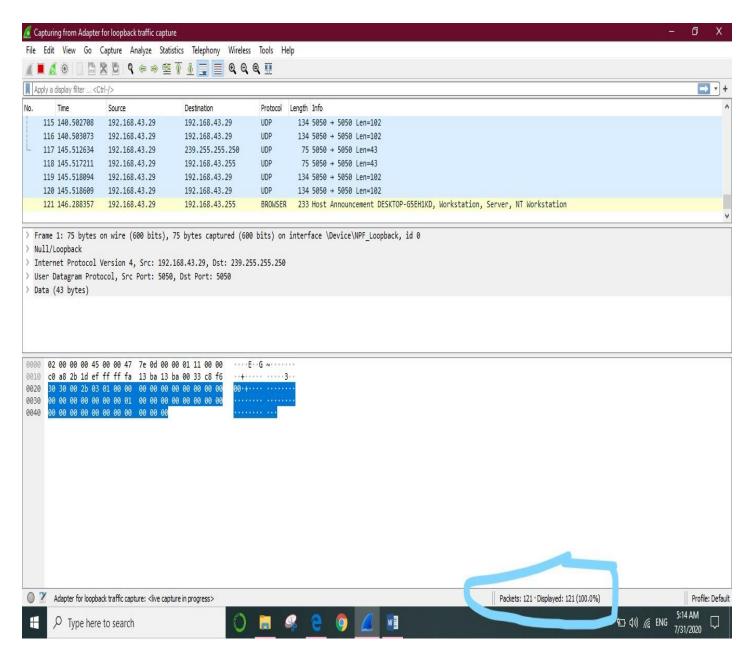
# **Capturing packet:**

Type here to search

First we need to double click on the interfaces shown in below figure marked by blue color.

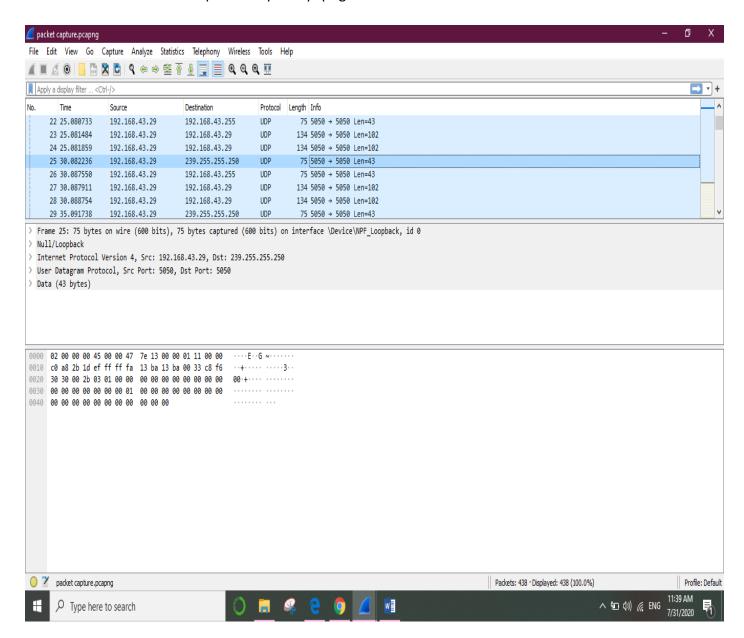


After double click on any of the item Wireshark is now capturing all packets being sent/received from/by your computer. Here total 121 packet are captured and it will continued.

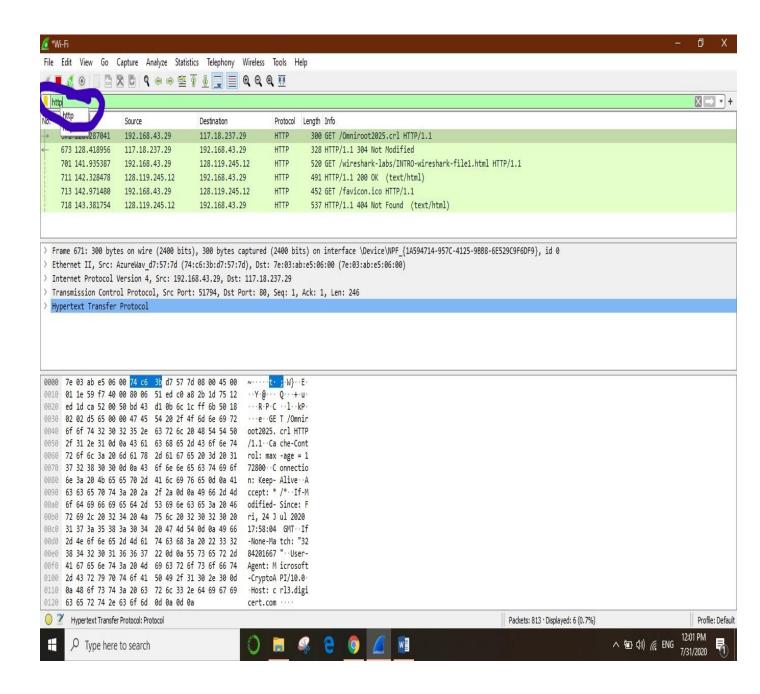


## List of packet that are captured:

Here the name of the file is packet capture.pcpng.

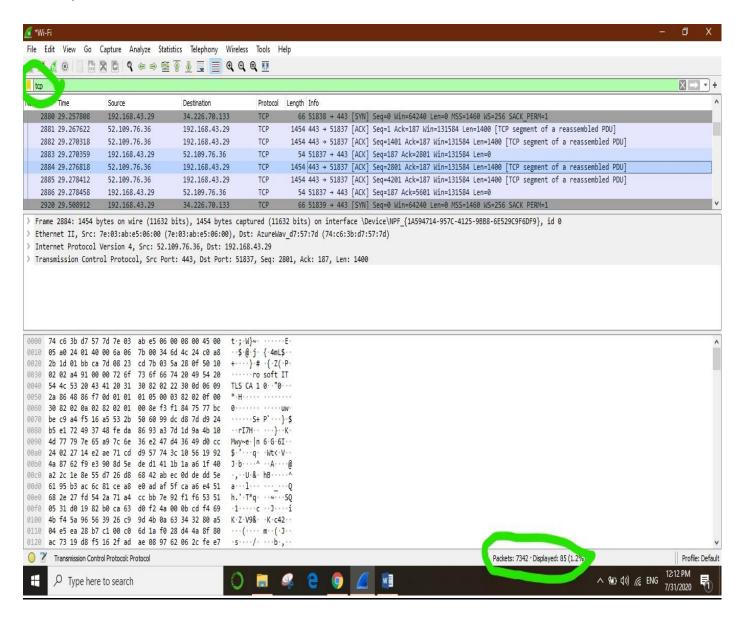


#### Capturing a packet set and received by HTTP:



### TCP packet capture:

Here we show that total number of packet captured are 7342 but displayed 85 because there are 85 TCP packet are send or received.



### **UDP** packet capture:

Here we show that total number of packet captured are 585 but displayed 85 because there are 517 TCP packet are send or received.

