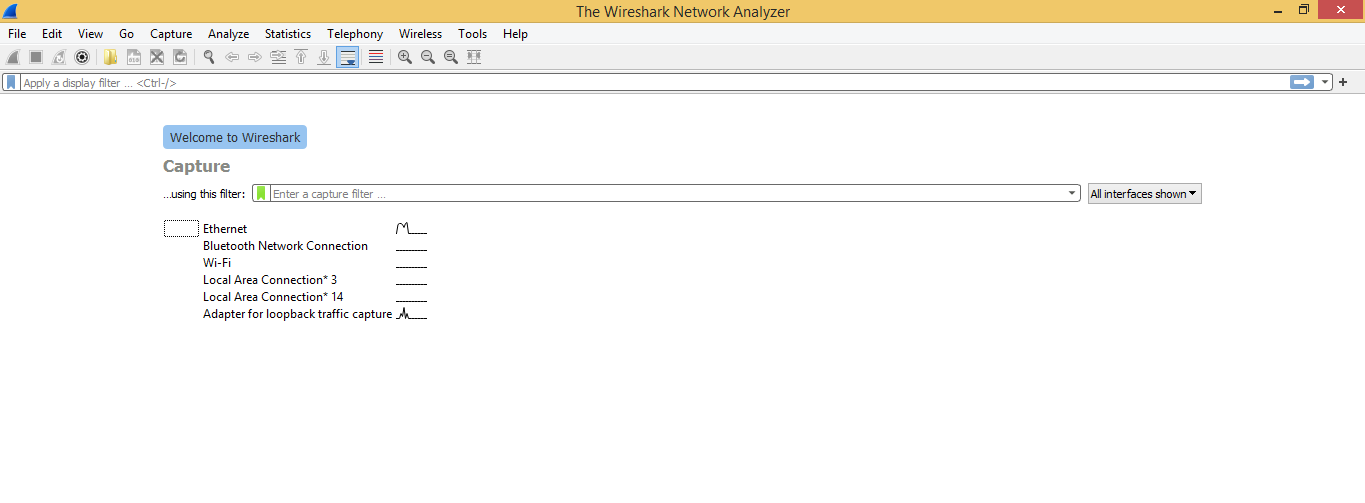
**Aim: Capturing and analyzing network packets using Wireshark (Fundamentals):**

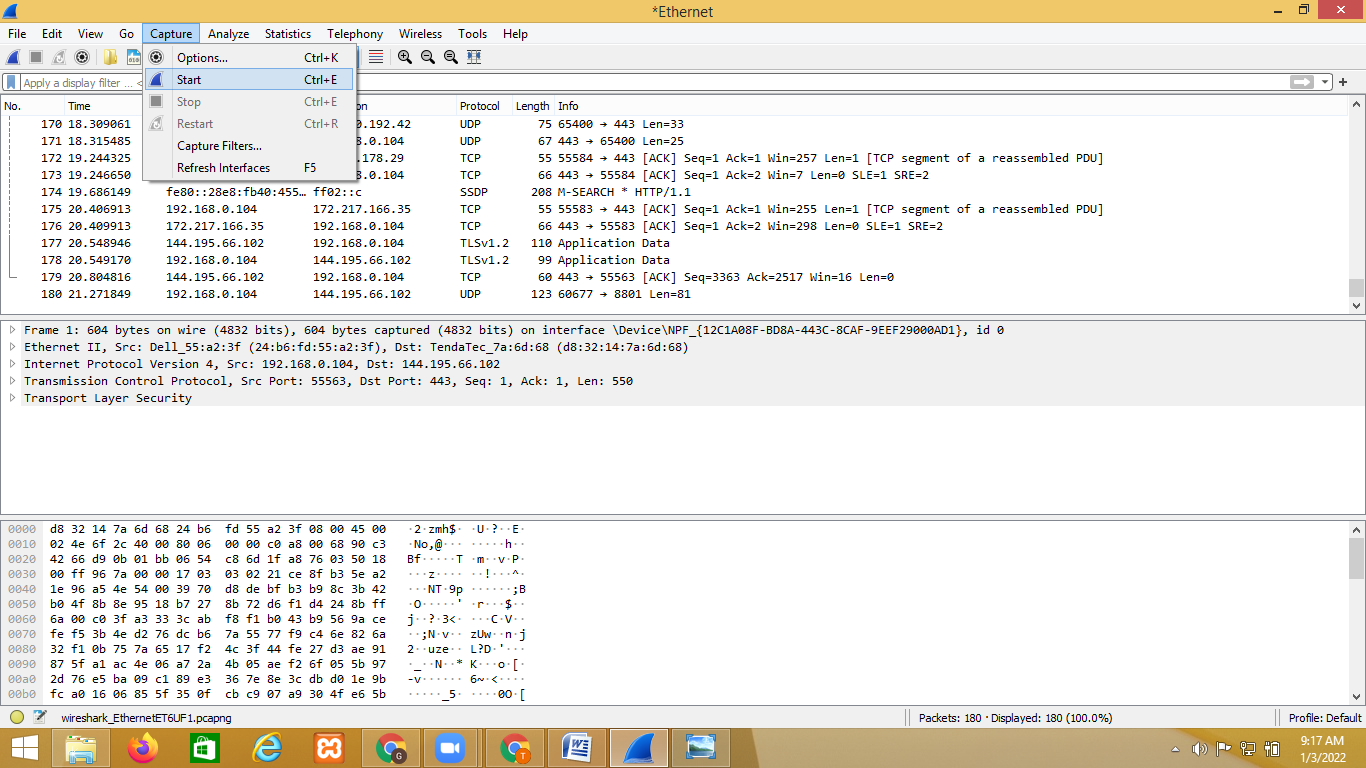
**- Identification the live network**

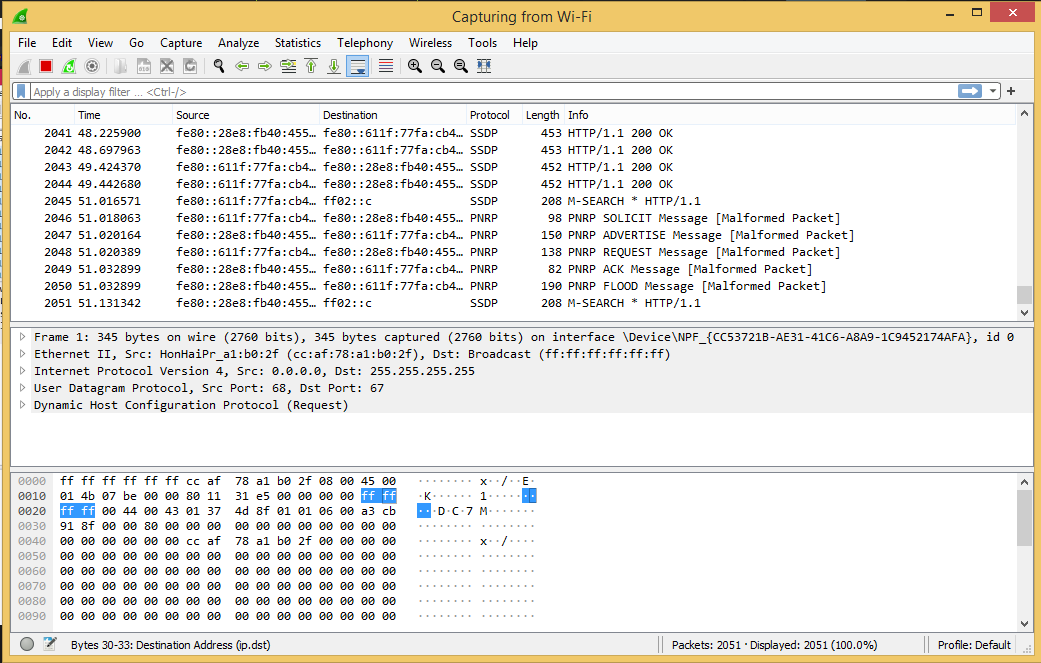
**- Capture Packets**

**- Analyze the captured packets**

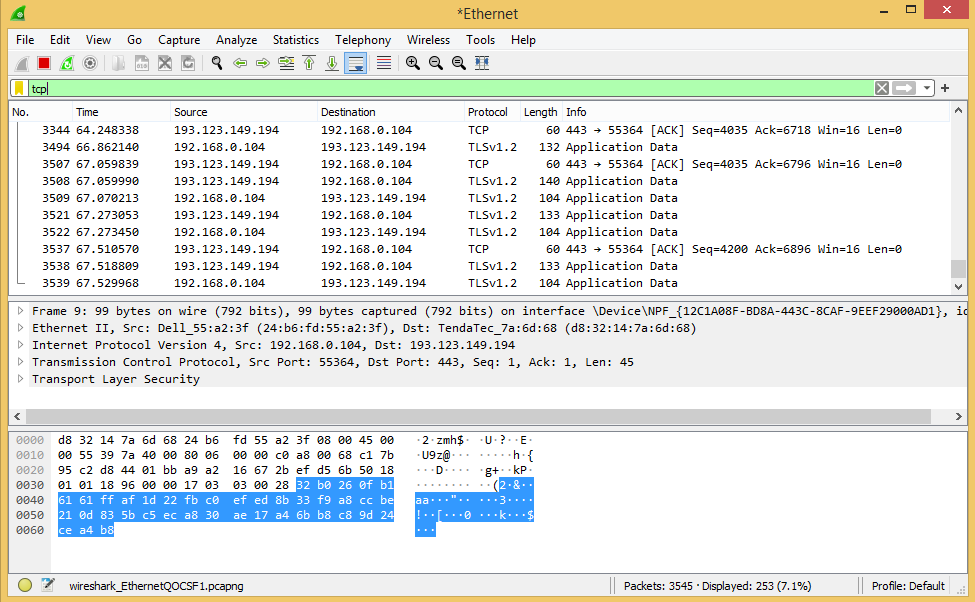
1. Open Wireshark







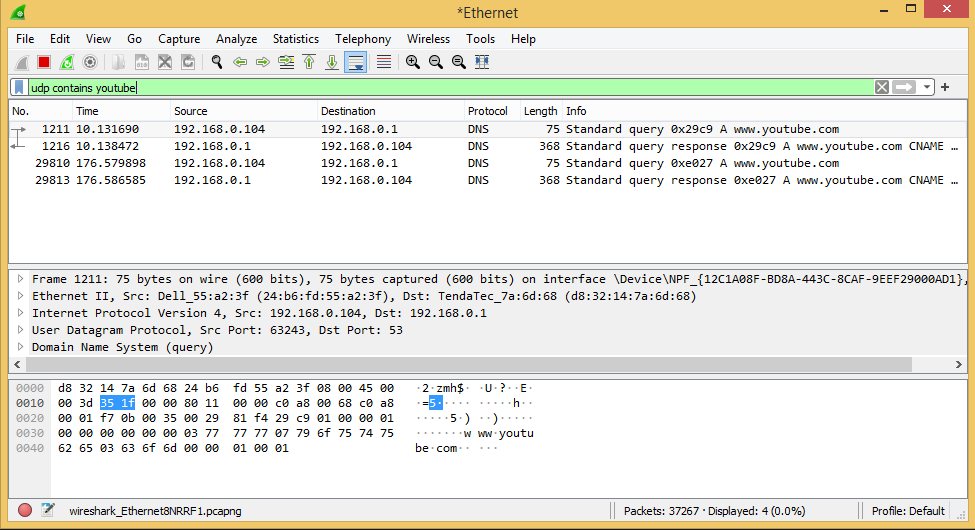
**TCP package: search TCP package**



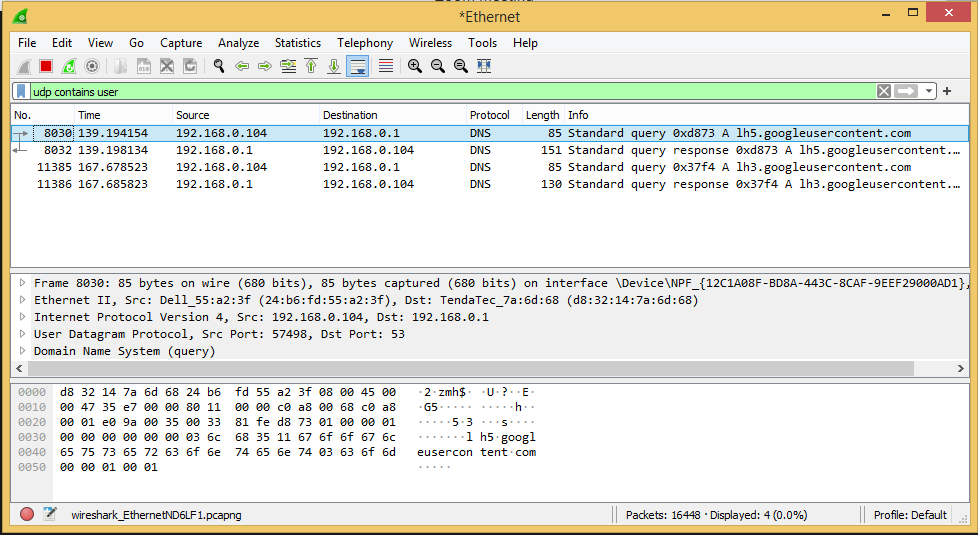
**Analysis youtube data**

Now go on browser and open youtube and perform some activity on the youtube

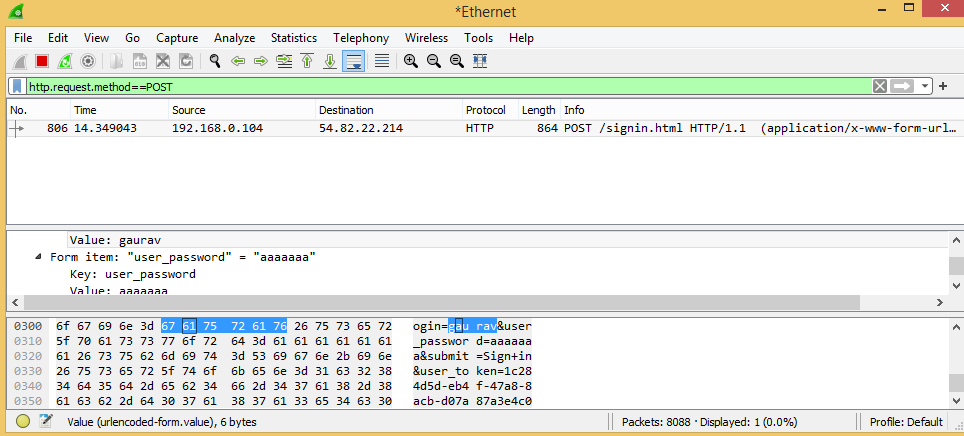
Now come back to Wireshark and enter **udp contains youtube** in the search bar.



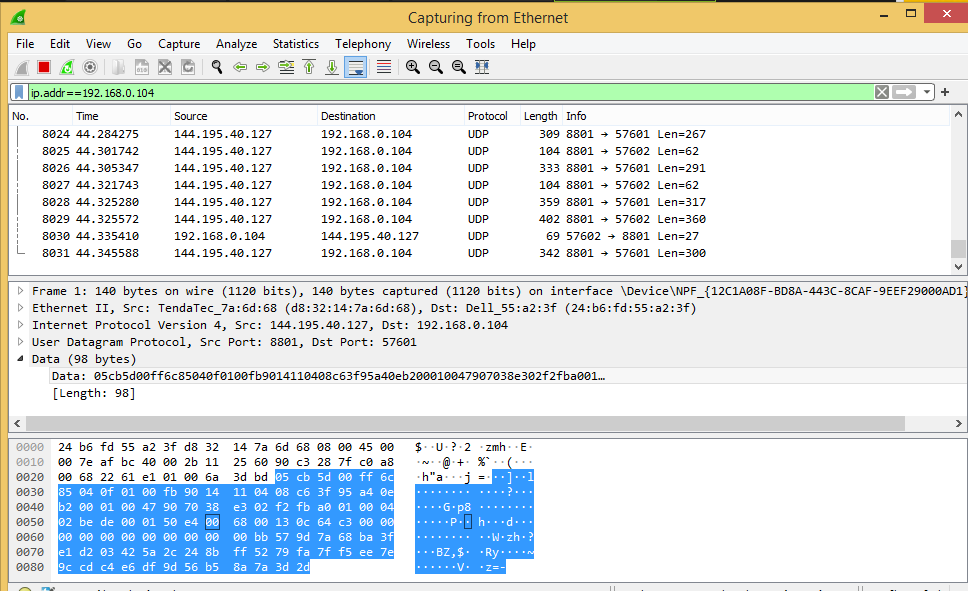
**search udp conyains user:** Now go on browser, login in any secured website and Now come back to Wireshark and enter **udp contains user** in the search bar.



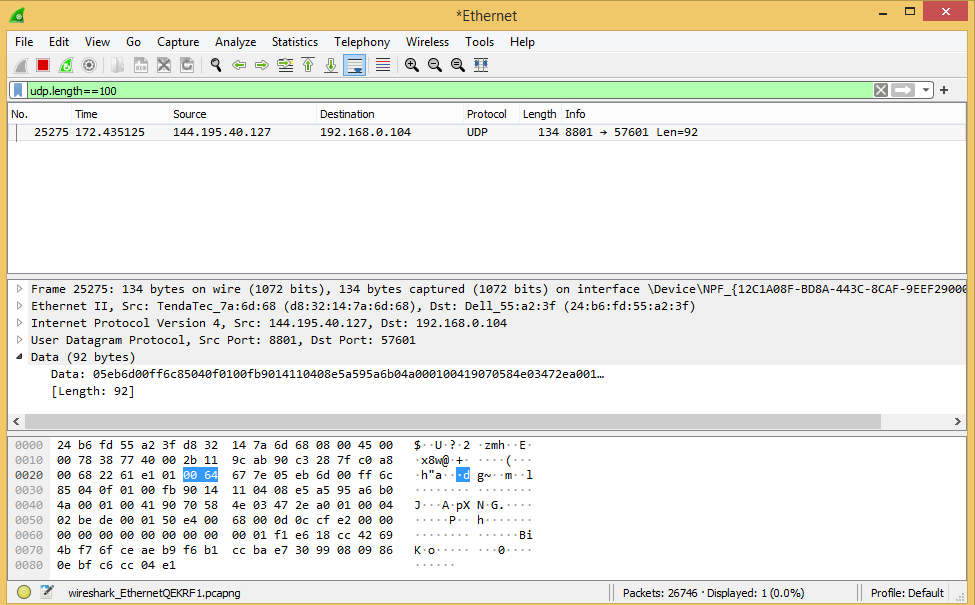
**http website:** go on browser, login in any unsecured website and Now come back to Wireshark and enter **http.request.method==POST** in the search bar.You can view the username and password because it is http website



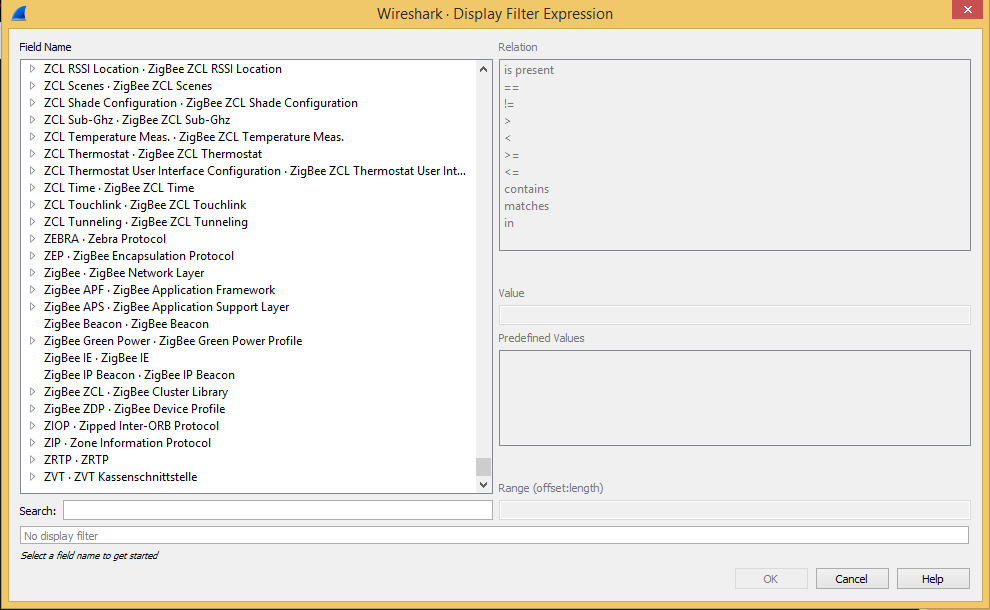
**filter with ip**: ip.addr==192.168.0.104

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**filter udp package with length :** udp.length==100

****

**Many other filter expression**

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