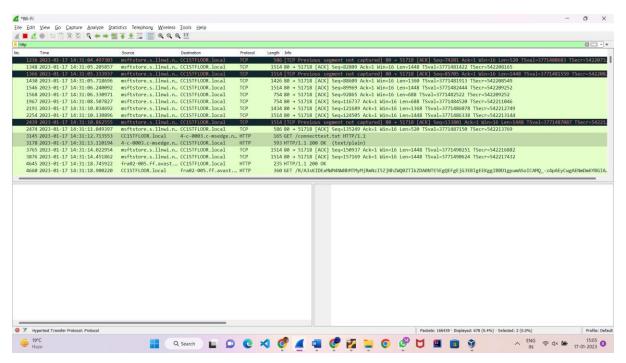
CS2007 – Computer Networks Lab Assignment – 1

1. List the different protocols that appear in the protocol column in the unfiltered packet-listing window in wireshark GUI.

TCP, UDP, HTTP, NBNS, DNS, MDNS, TLSv1, TLSv1.2, TLSv1.3, ARP, SSDP, QUIC, HTTP/XML

2. How long did it take from when the HTTP GET message was sent until the HTTP OK reply was received for the webpage you visited in your web browser? (By default, the value of the Time column in the packet listing window is the amount of time, in seconds, since Wireshark tracing began. To display the Time field in time-of-day format, select the Wireshark View pull down menu, then select Time Display Format, then select Time-of-day.)

It took around 0.396641 seconds to receive the HTTP OK reply after the HTTP GET message was sent.



3. What is the Internet (IP) address of the URL you visited and what is the Internet address of your computer?

IP address of the visited URL: 13.107.4.52

IP address of my computer: 172.27.32.131

4. Print the two HTTP messages (HTTP request and HTTP reply) displayed in wireshark GUI after you had visited above URL through your web browser. To do so, select Print from the Wireshark *File* command menu, and select "Selected Packet Only" and "Print as displayed" and then click OK.

