WireShark Lab 4

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Include screen shot before question 1, with IP showing highlighted.

Include screen shot of Print with Selected Packet only and print as displayed marked.

Include a terminal screenshot showing computer IP address on the front page before Question 1, and a full PRINT of the HTTP OK message as the last page.

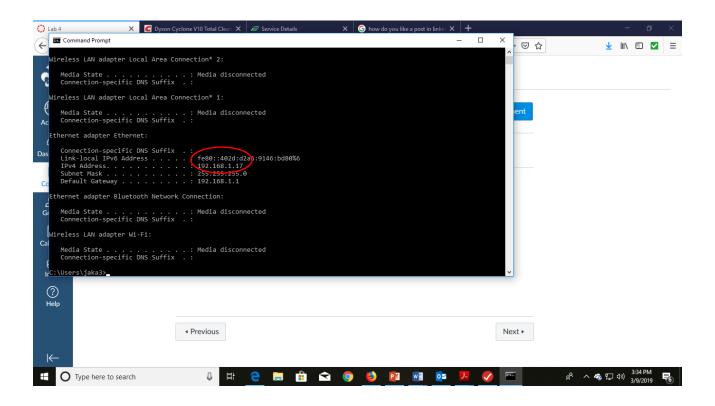
Save all as .pdf before uploading.

Follow the instructions in Lab 2 and expand the IP detail section. • Pay attention to the text in bold. I expect you to explain?

Questions:

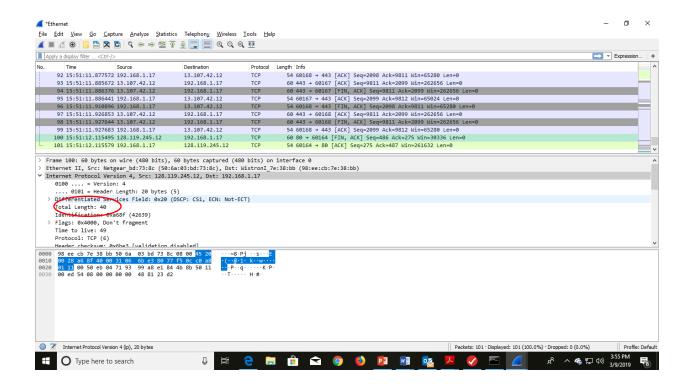
1. What is the IP address of your computer? – Wireshark screenshot not, Terminal

My IP address is shown below, 192.168.1.17 in this terminal screen shot.

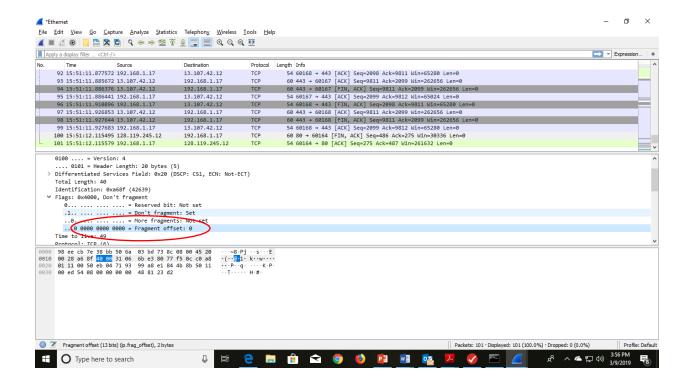


2. What is the total length of the datagram?

There are 40 bytes total length.

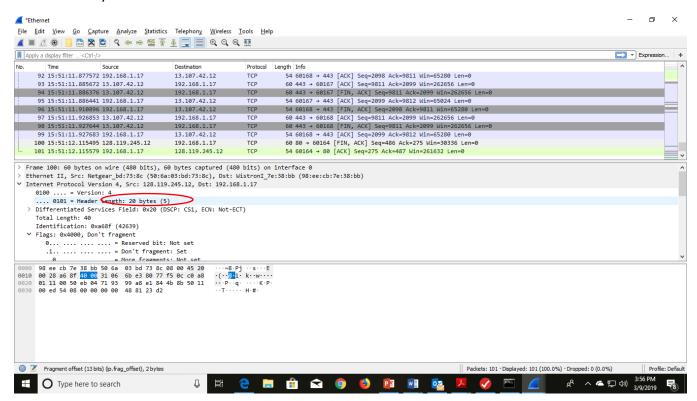


3. Has this IP datagram been fragmented? The data is not fragmented because fragment offset is set to 0.

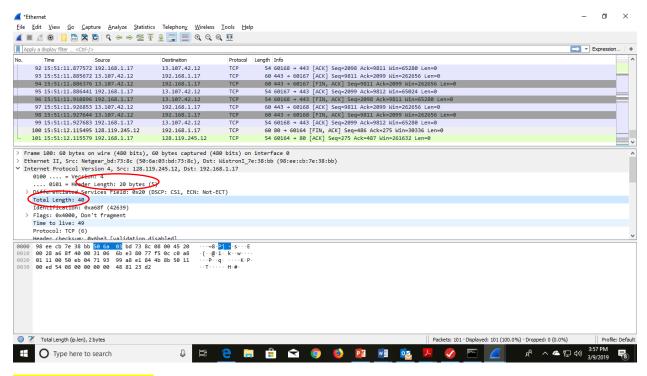


4. How many bytes are in the IP header?

There are 20 bytes in the IP header.



5. How many bytes are in the payload of the IP datagram? **Explain how you determined the number of payload bytes.** There are 20 bytes in the IP header, and 40 bytes total length, this means there are 20 bytes in the payload of the IP datagram because you subtract out the 20 from the header.



Print screen, final page.

