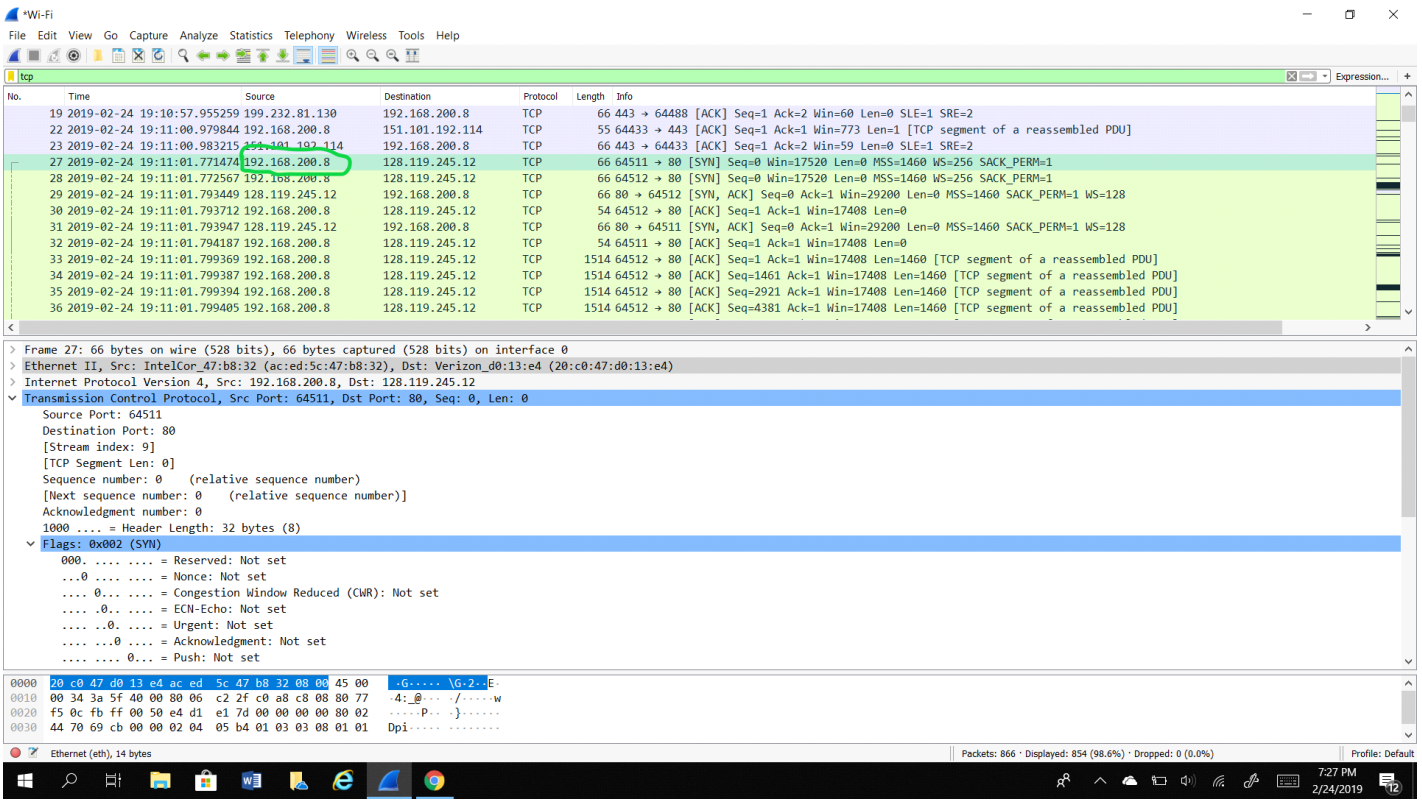
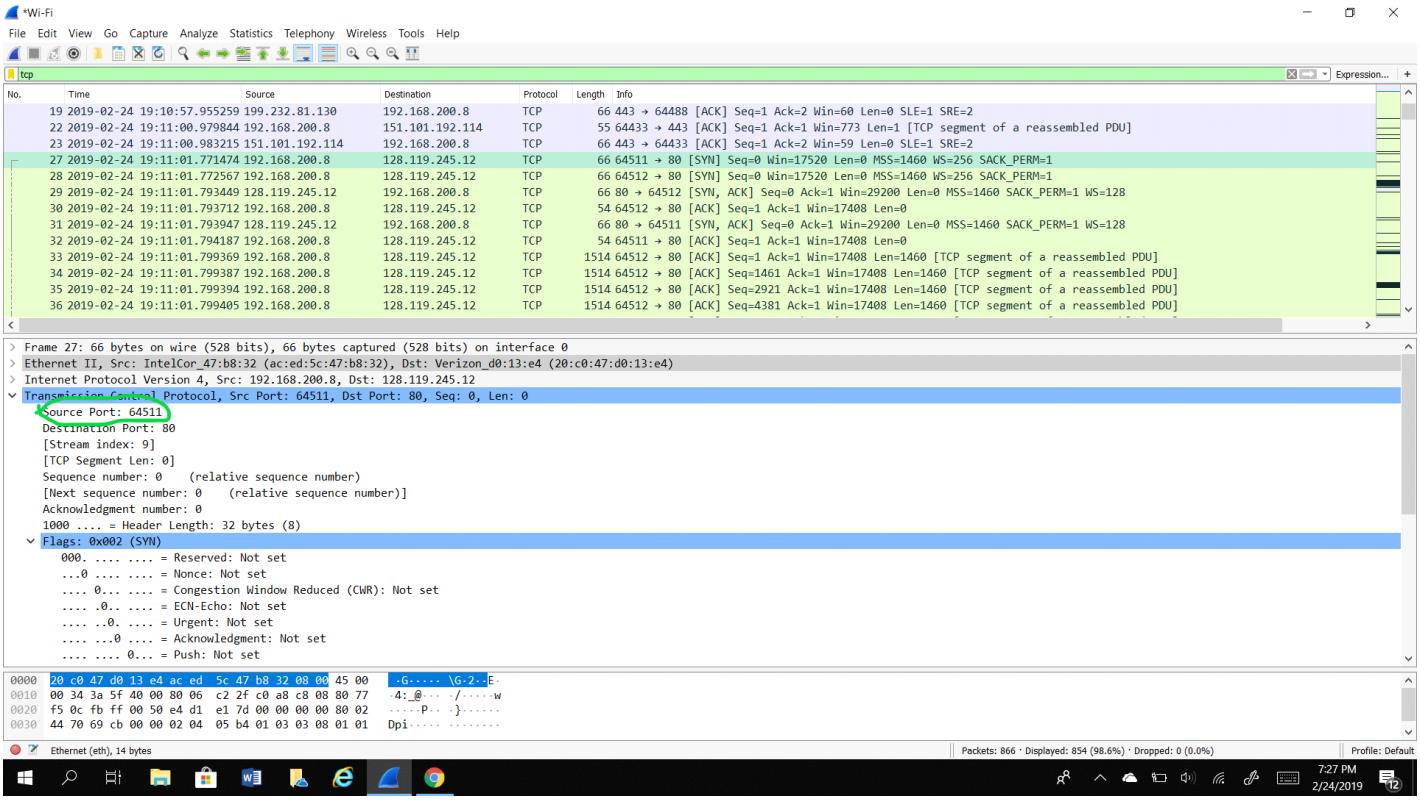
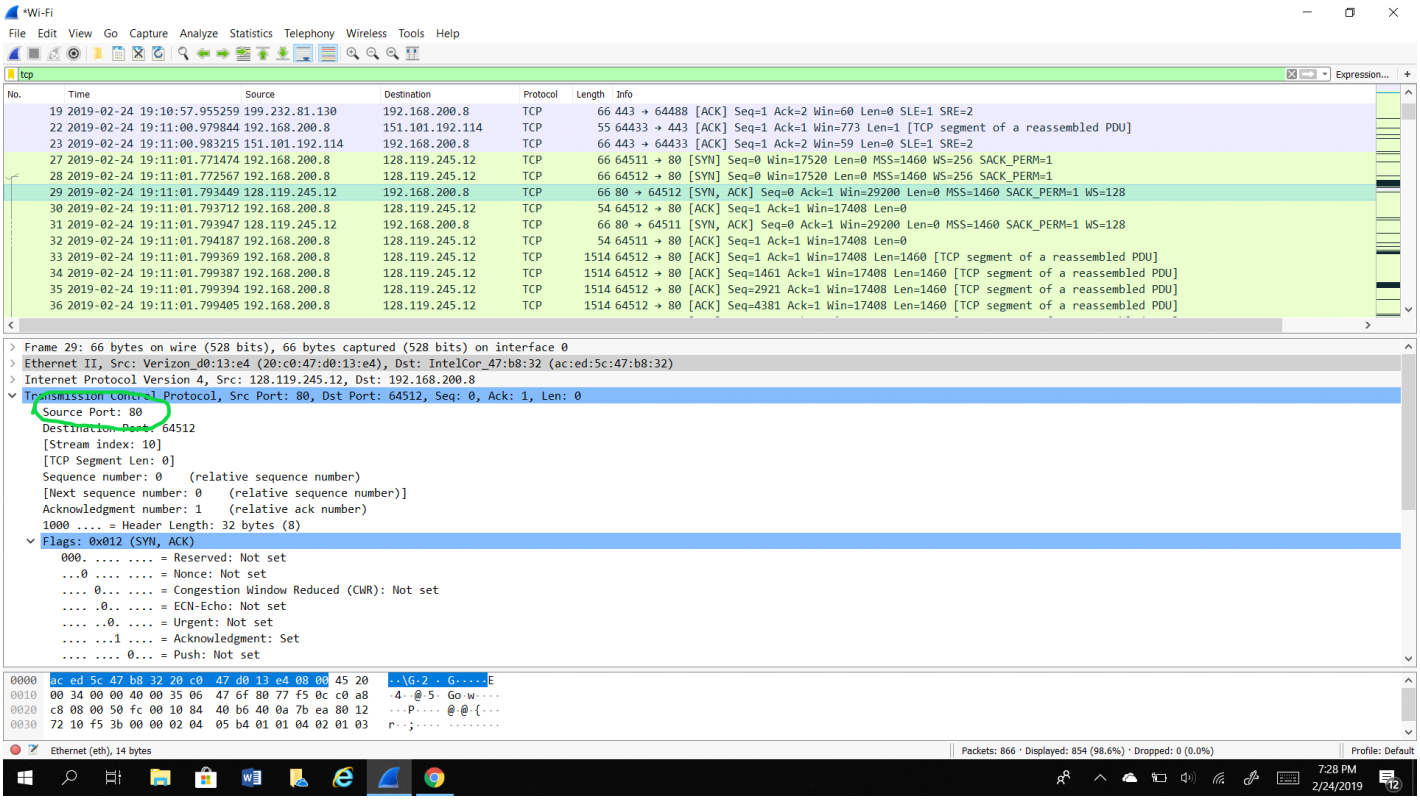
My IP address is 192.168.200.8



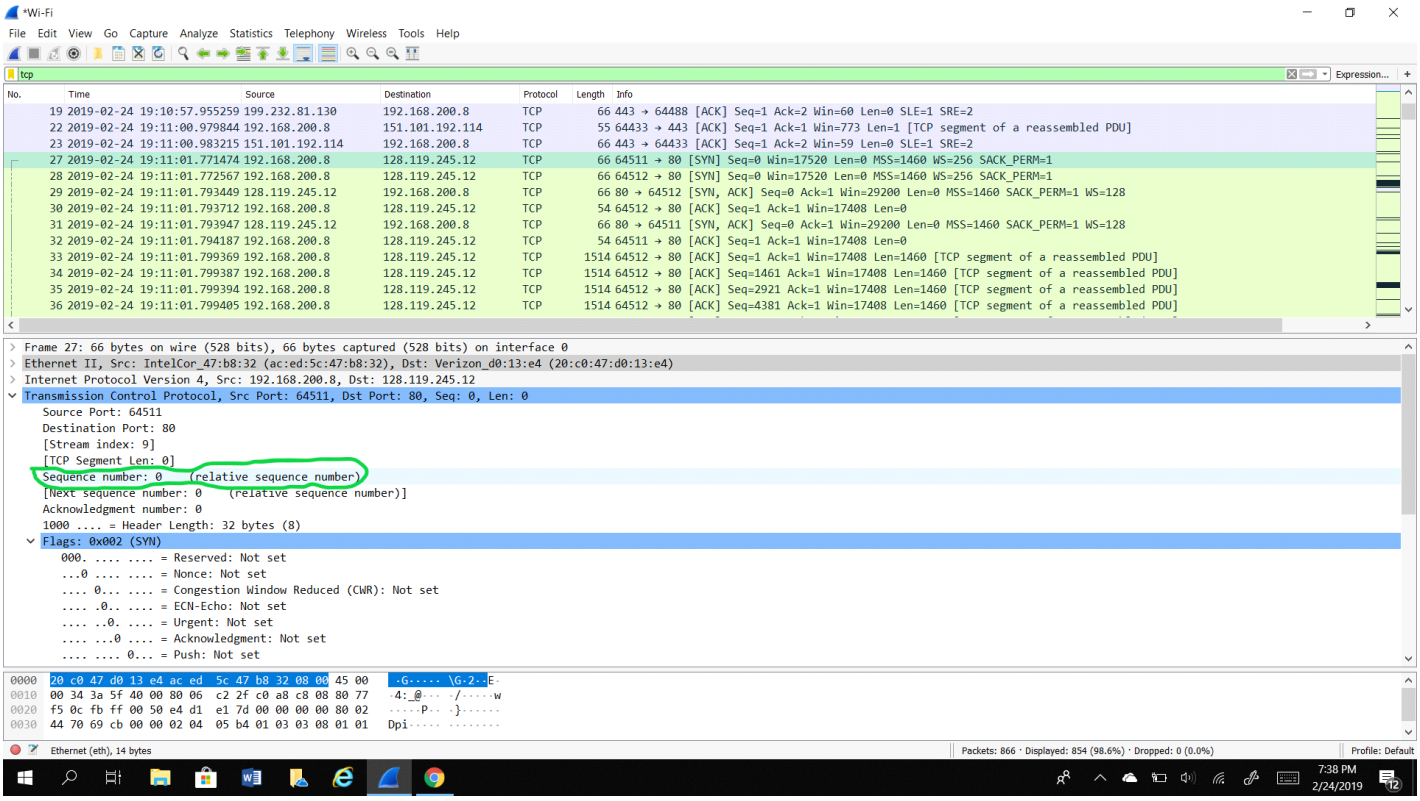
1. TCP port number used by my computer to communicate with gaia.cs.umass.edu is 64511 which is mine as a source port.



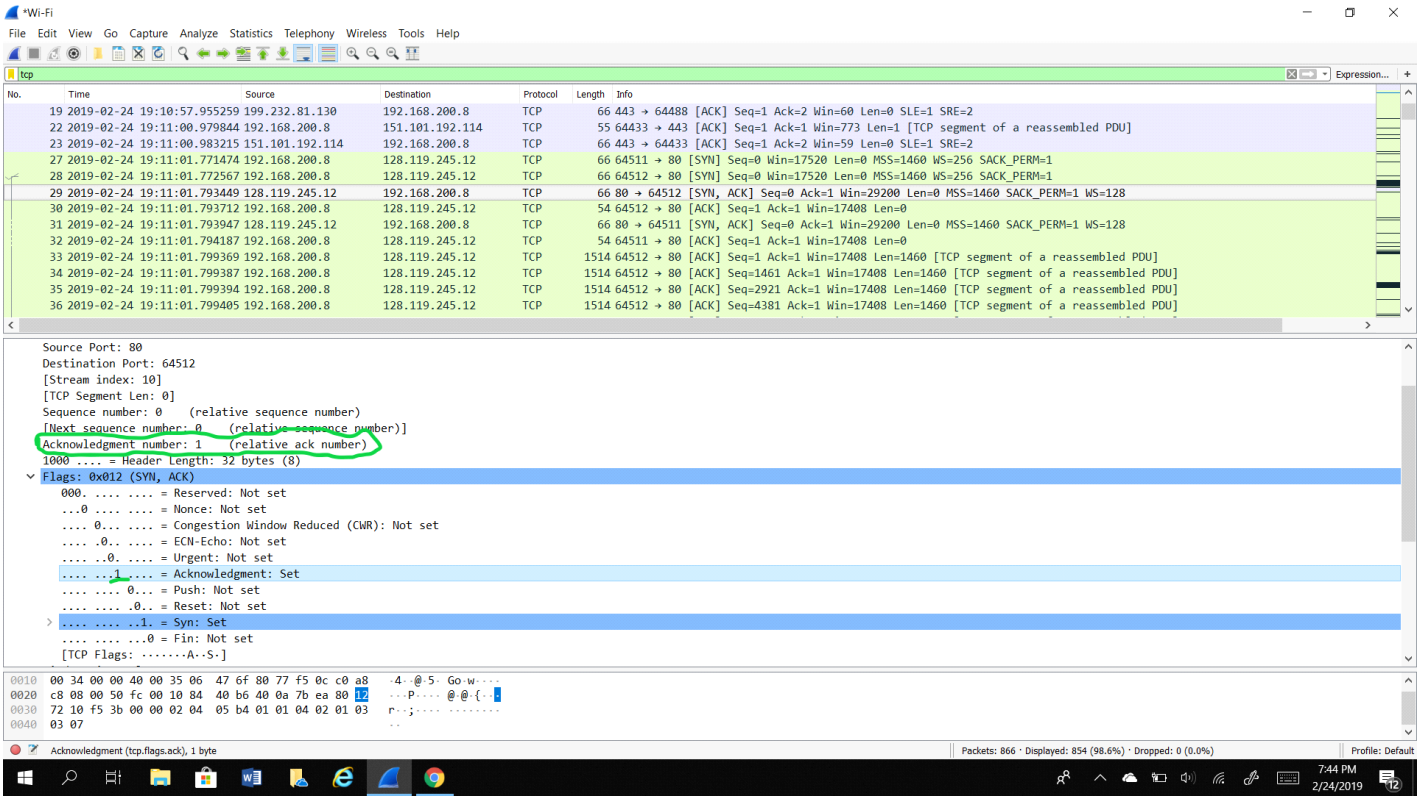
2. TCP port number used by gaia.cs.umas.edu to communicate with my computer is port 80.



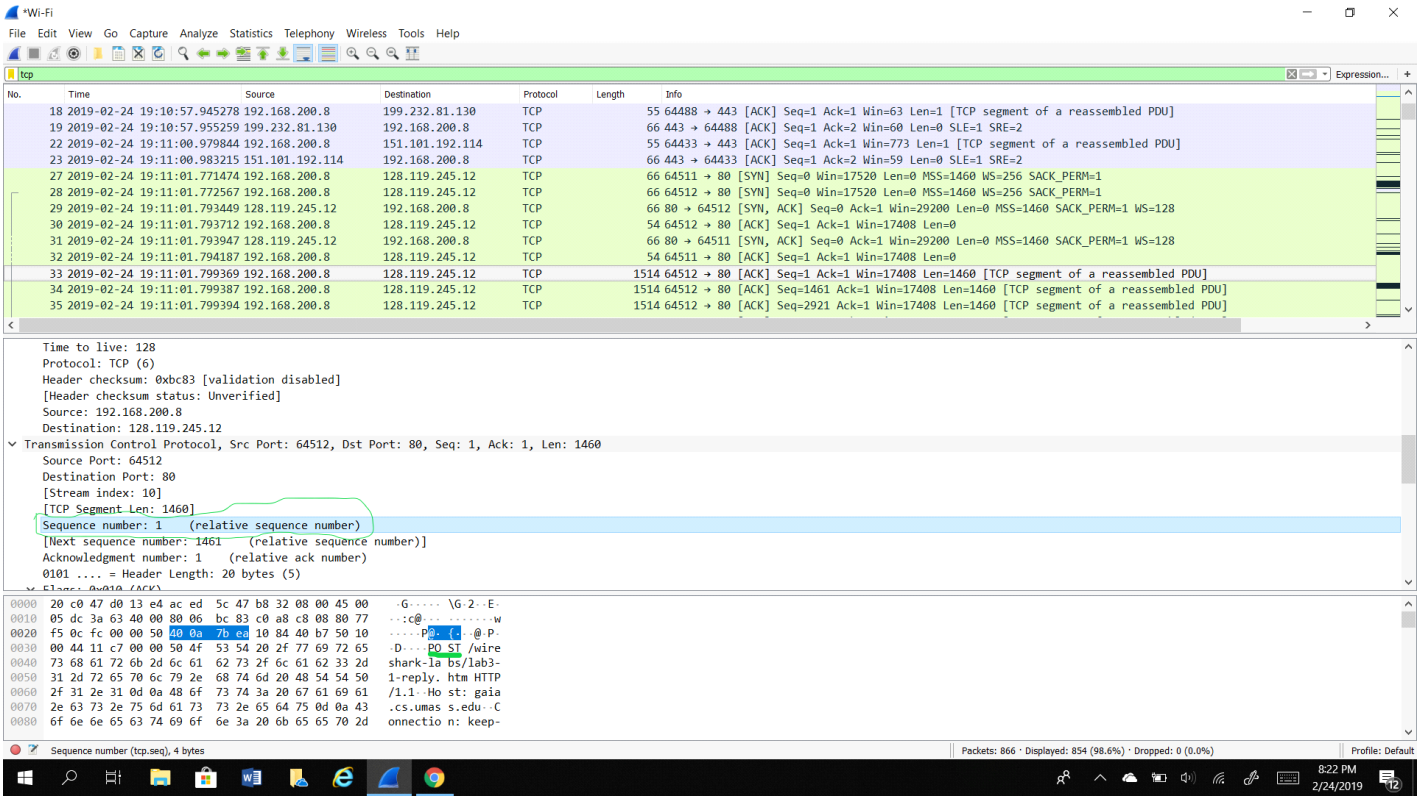
3. The SYN number is that is used to initiate connection. On the info section on the packets frame it mentions [SYN] that is how we know. Also because SYN is the first step towards the connection and it is selected in my screenshot.



4. SYNNACK segments's sequence/ acknowledgement number is 1 (relative ack)



5. The sequence number of the TCP segment containing the HTTP POST command is 1. I tried my best to follow the instruction on the question and concluded to this as shown in the screenshot.



FOR THE HTTP OK PRINT, SINCE WE HAD THIS ASSIGNMENT FILTERED TO TCP I COULD NOT FIND HTTP OK, THEREFORE I FILTERED FOR 'http' AND SELECTED THE PACKET WHICH WAS AROUND THE SAME ESTIMATED TIME AS THE TCP SYN TIME. I ALSO PRINTED THE SYNACK PACKAGE INCASE IF THATS THE PRINT YOU WANTED BECAUSE SYNACK IS ALSO LIKE AN 'OK'.