Question 1:

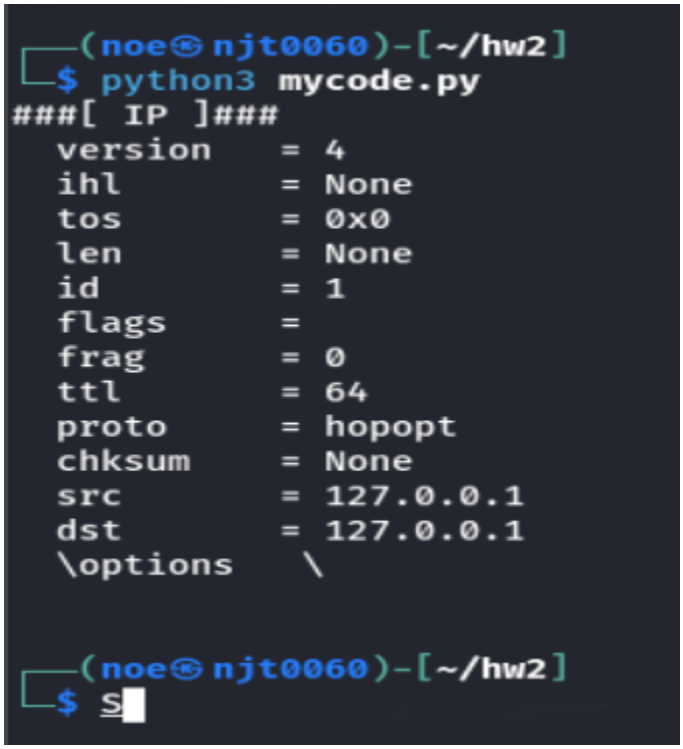


Figure 1

Figure 1 is the results from the current state of my mycode.py code

Question 2:

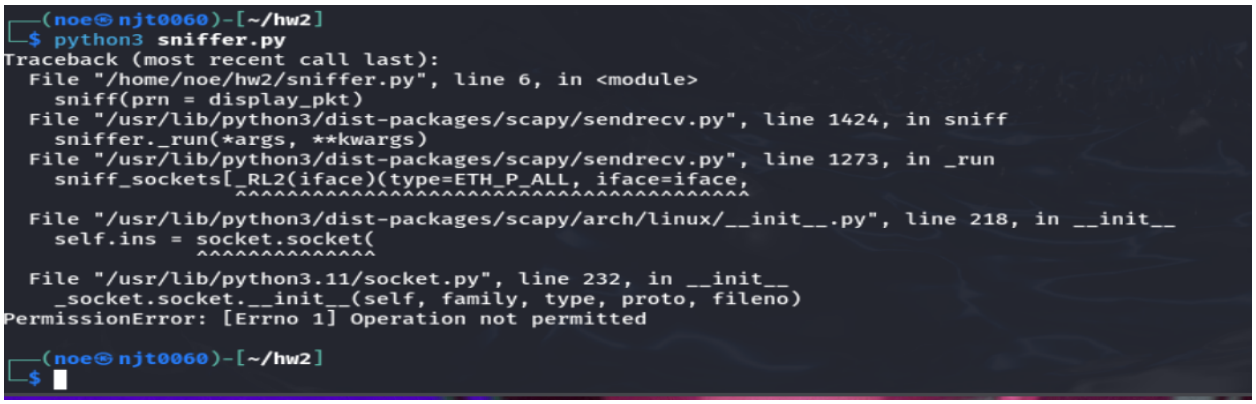


Figure 2

Figure 2 is the failure of question 2, since we are not using sudo privileges. In the next photo, we will see how when you use sudo, it will work correctly.

Question 3:

Figure 3

Figure 3 output of my sniffer script, this is the tail of it, after opening unt.edu.

Question 4:

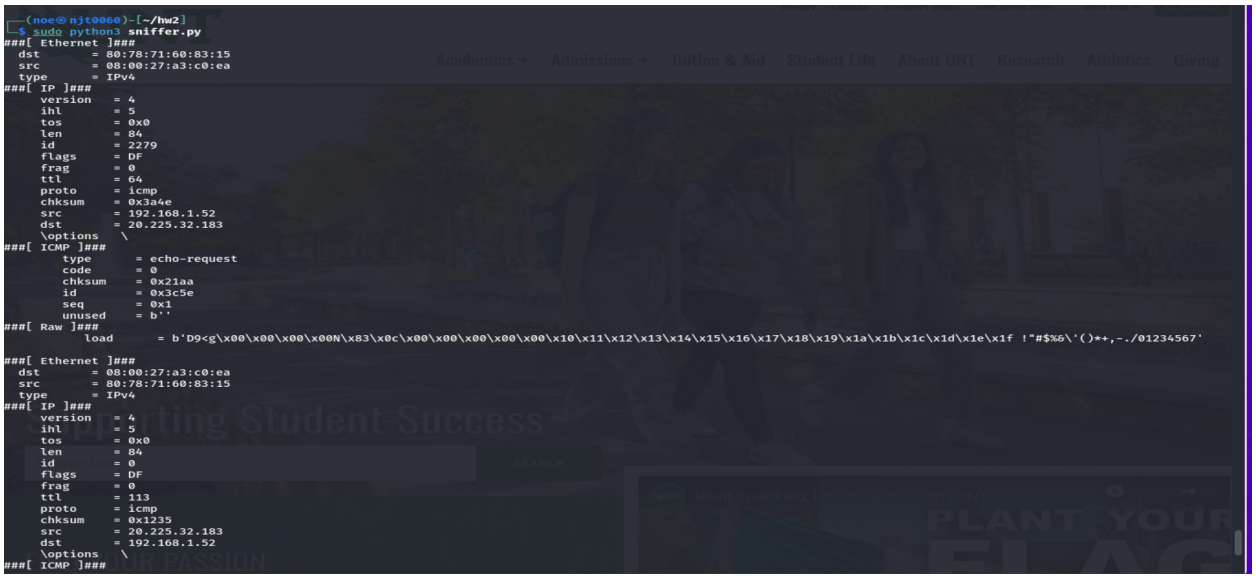


Figure 4

Figure 4 this is the sniffer with the ICMP filter after pinging www.unt.edu

Question 5:

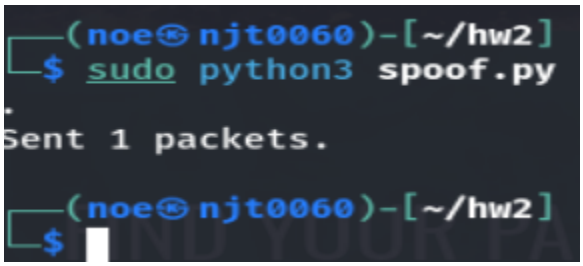


Figure 5a

Figure 5a is the spoof script sending 1 packet.

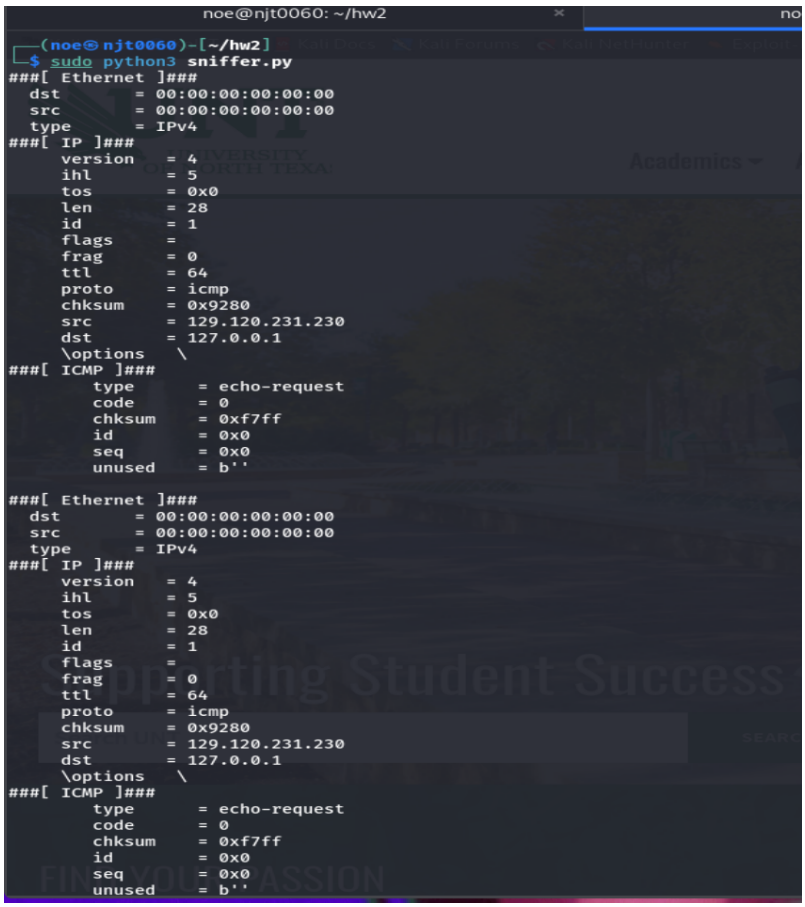


Figure 5b

Figure 5b is the sniffer script capturing the ICMP echo request.

Question 6:

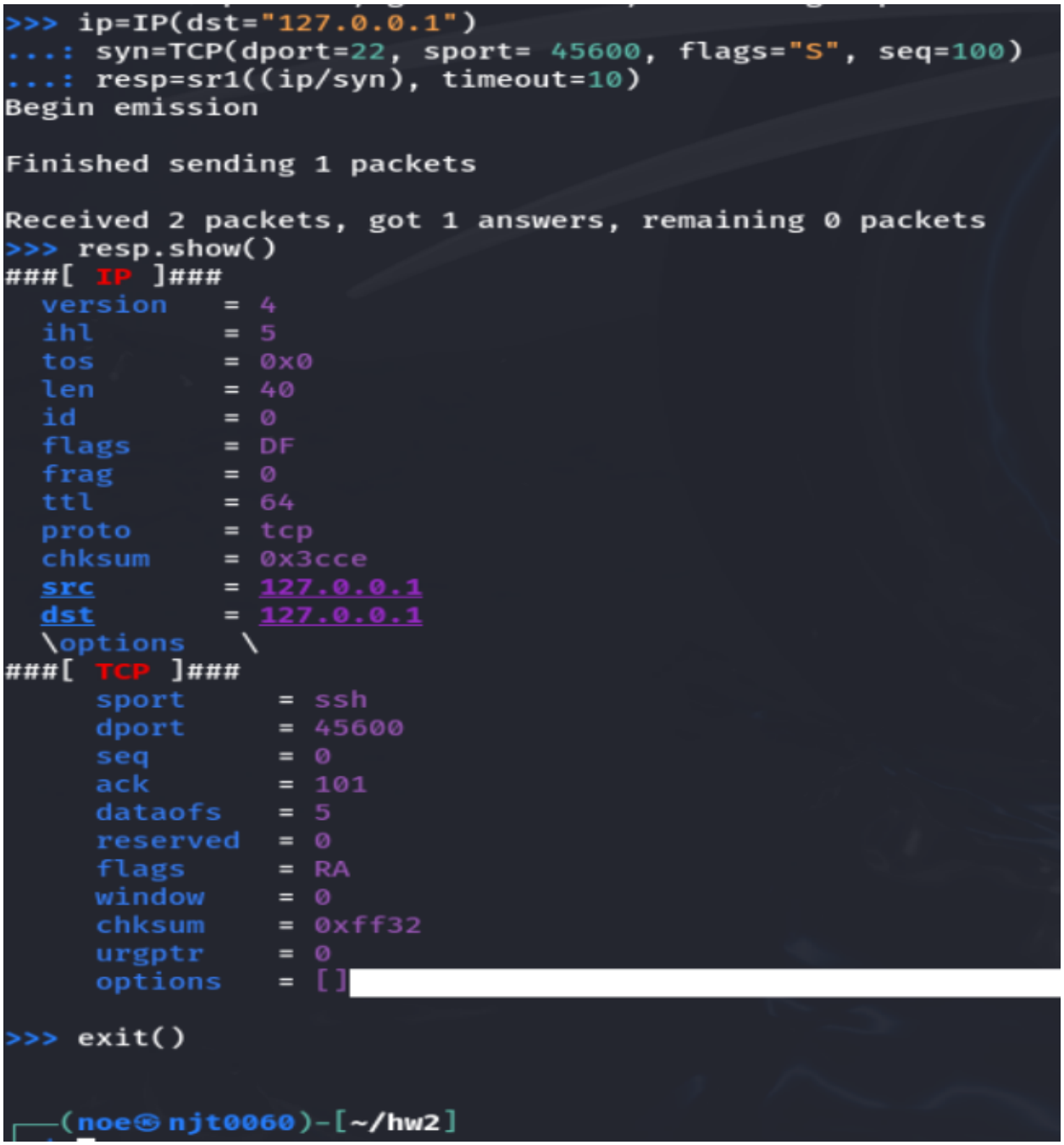
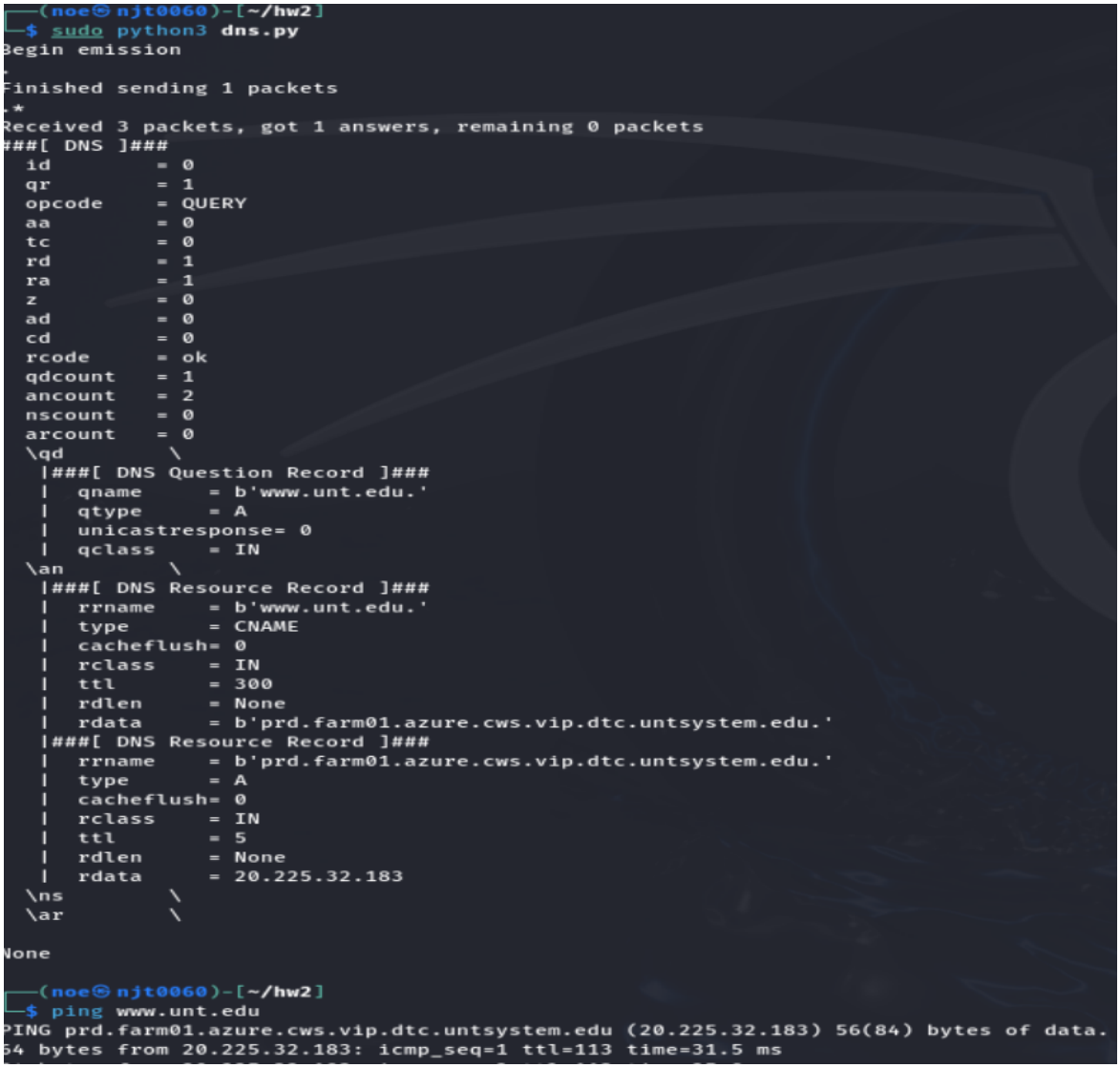


Figure 6

Figure 6 shows a tcp response with a ack number of 101, but a flag of RA, which means reset acknowledgement. This means the ssh port was pinged, but decided to reject the connection.

Question 7:



m

Figure 7a

In figure 7a I am verifying the ip address of unt via the ping command in the second command.

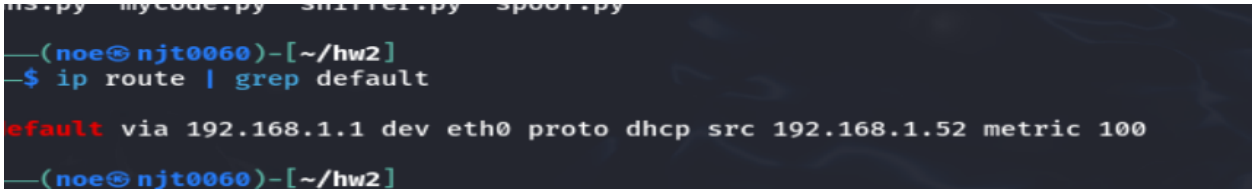


Figure 7b

In Figure 7b, I am verifying that my own ip address is also the one that the professor provided, 192.168.1.1.