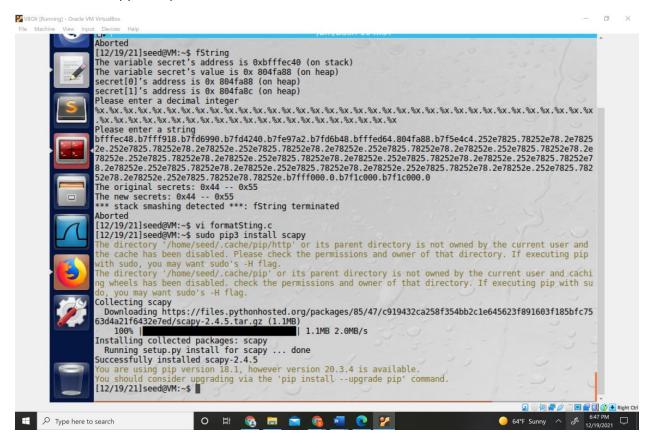
Sniffing and Spoofing

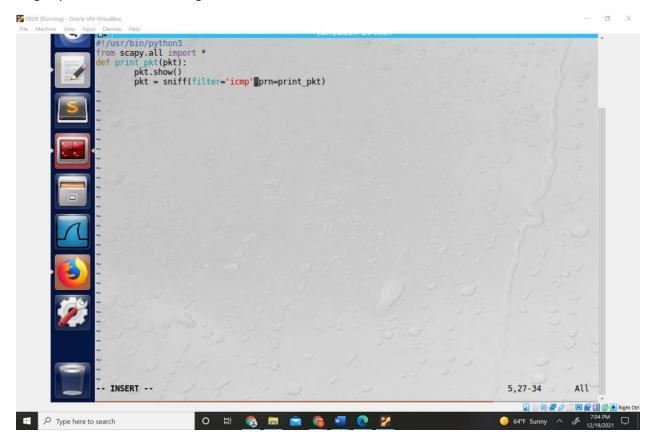
Lab Task Set 1 : Using Tools to Sniff and Spoof Packets

I downloaded scapy as requested

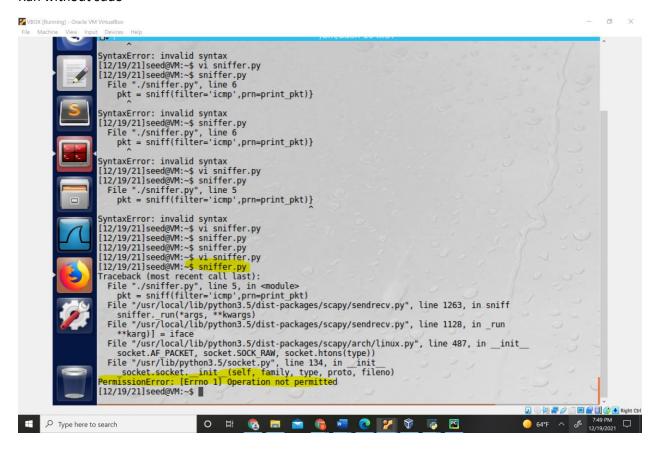


Copy pasted code from assignment into program called simpleSniffer.py

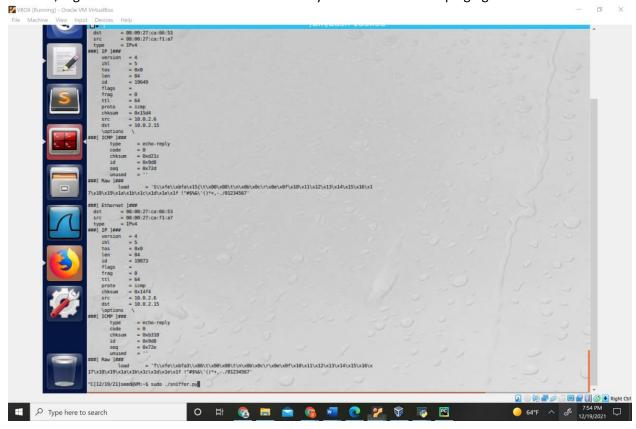
Single quotes need to be changed out



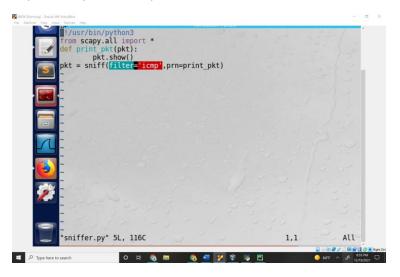
Ran without sudo



Ran with sudo – Returned an IMMENSE volume of data. So much so you can't even scroll it. One of the reasons, it generated so much was because on of my other two VMs was pinging another machine.

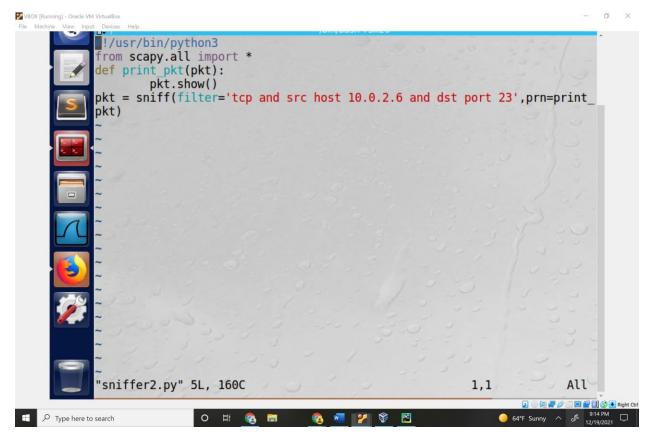


Capture only the ICMP packet(Default)



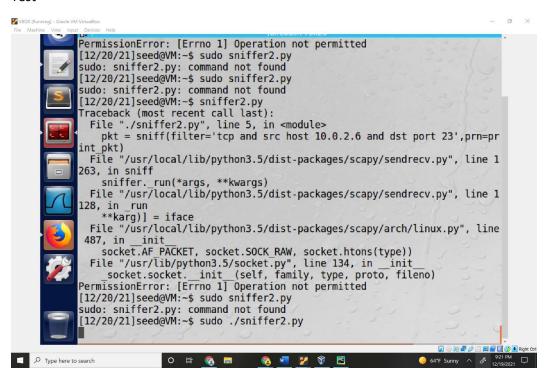
Capture any TCP packet that comes from a particular IP and with a destination port number 23.

I chose 10.0.2.6/23 because it was a IP in my VM network

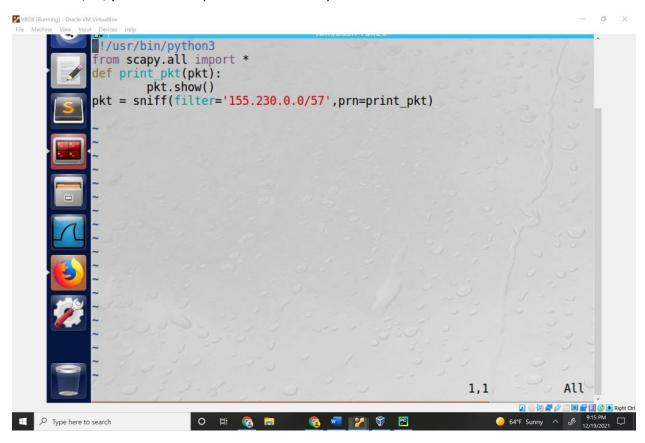


I did some research at figured a correct filter.

Test



Capture packets comes from or to go to a particular subnet. You can pick any subnet, such as 155.230.0.0/57; you should not pick the subnet that your VM is attached to.



Lab Task 2

Writing a packet sniffing program

