Network Essentials Assignment

Task 1: start a webserver using python and access the files from a different device

Task 2: start wireshark packet capture and visit some websites(atleast 5) and then visit testphp.vulnweb.com, login and use "display filter" to show only HTTP POST packets.

Task 3: what is the name of the host located on IP 10.0.2.22 from June pcap

Task 4: what is the first command that got executed in rogue_user pcap

Task 5: what is the username that got created with adduser command rogue_user pcap

Task 6: how many ping requests are made in the junepcap file and from what ip.

Task 7: there is one secret message available in June pcap what is that?

Task 8: there is a windows machine in June pcap what is the ip/hostname of that windows machine

Task 9: what is the dhcp server ip in the June pcap

Task 10: create a private network between your virtual machines (it's called NAT network) (google research is required)

Bonus: if you think the above tasks are easy peezy lemon squeezy do the following

Golden Task: start a webserver on your computer and ask your friend in a different location (different wifi, different lan, different public ip) to access that webpage.