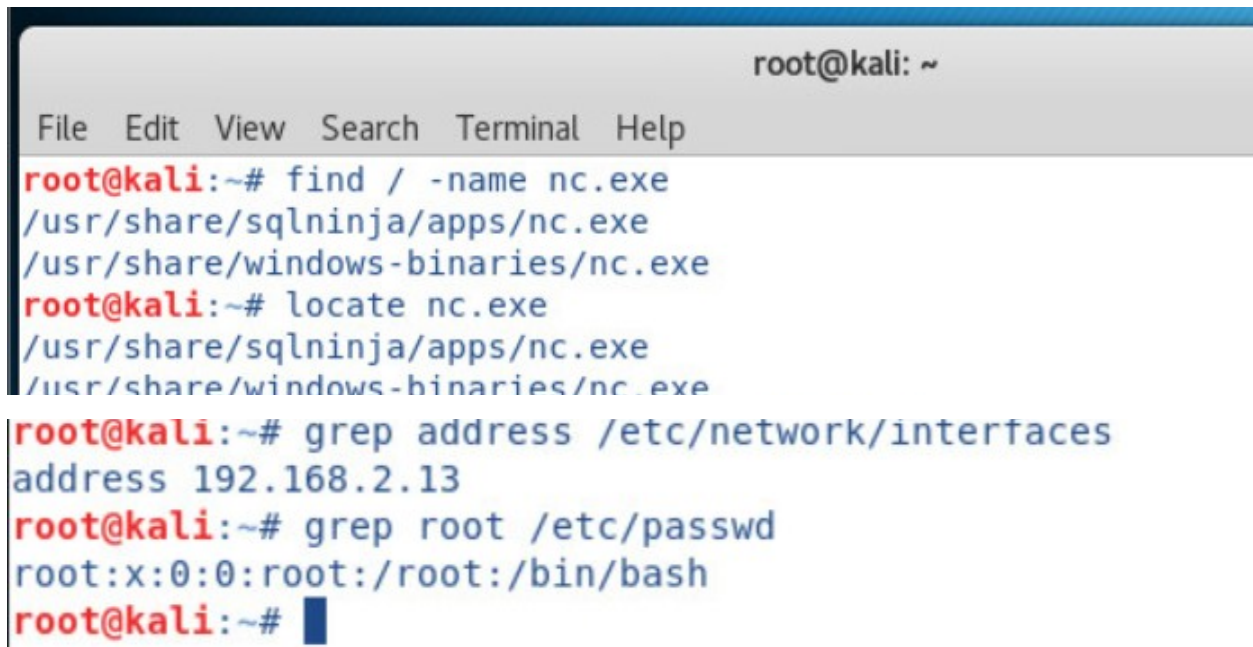


# Lab 02 Report

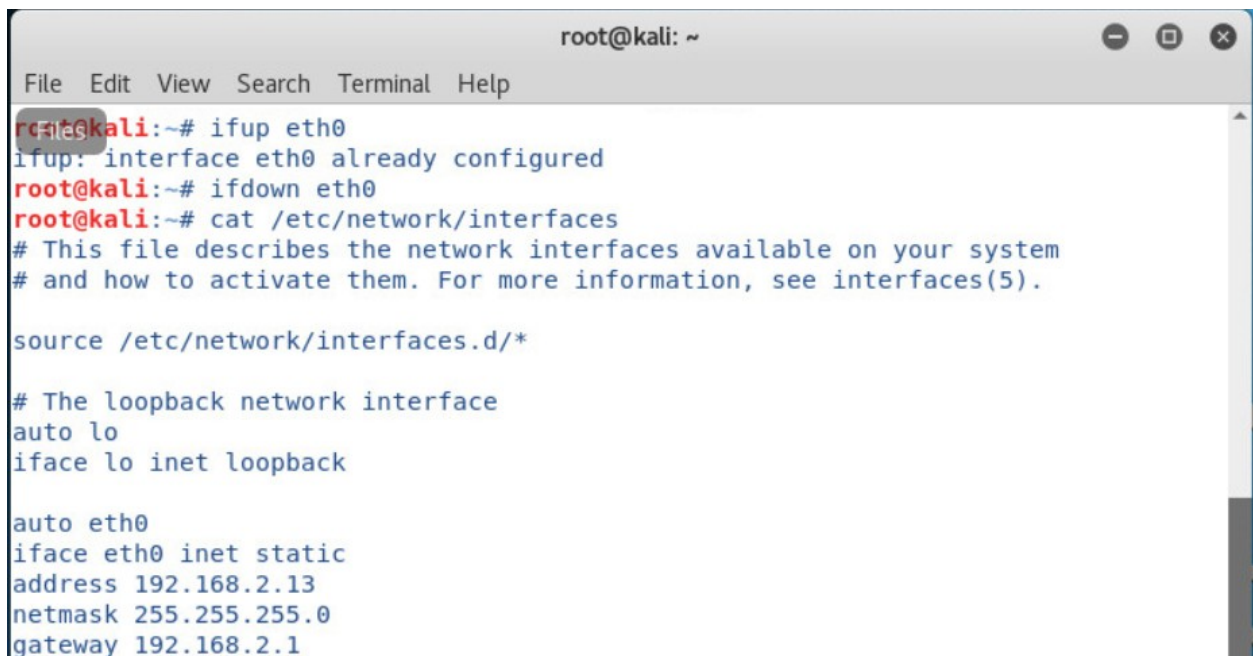
## Documentation

### 2.1 Command Line Tips & Tricks



```
root@kali: ~  
File Edit View Search Terminal Help  
root@kali:~# find / -name nc.exe  
/usr/share/sqlninja/apps/nc.exe  
/usr/share/windows-binaries/nc.exe  
root@kali:~# locate nc.exe  
/usr/share/sqlninja/apps/nc.exe  
/usr/share/windows-binaries/nc.exe  
root@kali:~# grep address /etc/network/interfaces  
address 192.168.2.13  
root@kali:~# grep root /etc/passwd  
root:x:0:0:root:/root:/bin/bash  
root@kali:~#
```

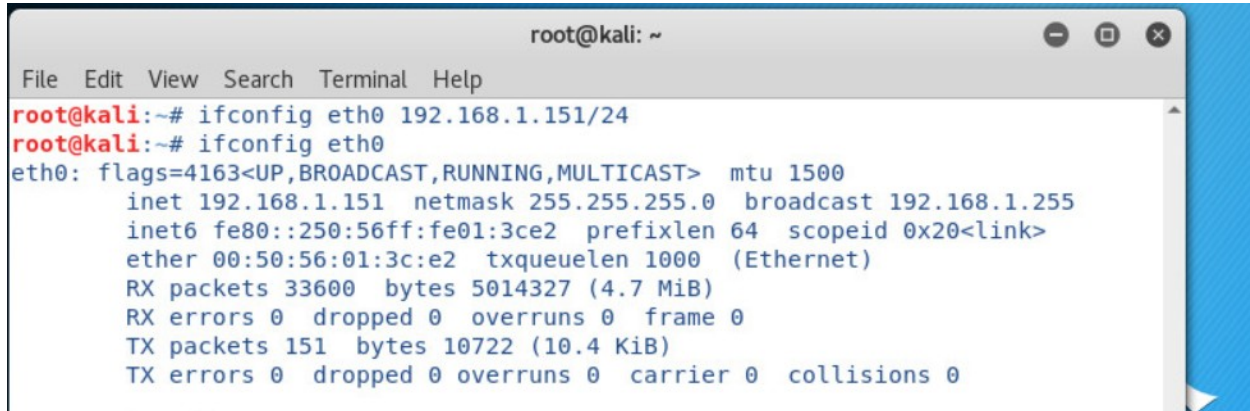
**2.2 Linux Networking for Hackers (The instruction wasn't very clear. So, I went ahead and followed the lab guide and executed the command in Linux kali.)**



```
root@kali: ~  
File Edit View Search Terminal Help  
root@kali:~# ifup eth0  
ifup: interface eth0 already configured  
root@kali:~# ifdown eth0  
root@kali:~# cat /etc/network/interfaces  
# This file describes the network interfaces available on your system  
# and how to activate them. For more information, see interfaces(5).  
  
source /etc/network/interfaces.d/*  
  
# The loopback network interface  
auto lo  
iface lo inet loopback  
  
auto eth0  
iface eth0 inet static  
address 192.168.2.13  
netmask 255.255.255.0  
gateway 192.168.2.1
```

## Lab 02 Report

```
root@kali:~# ifconfig eth0
eth0: flags=4098<BROADCAST,MULTICAST> mtu 1500
    ether 00:50:56:01:3c:e2 txqueuelen 1000 (Ethernet)
    RX packets 33600 bytes 5014327 (4.7 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 144 bytes 10144 (9.9 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



```
root@kali: ~
File Edit View Search Terminal Help
root@kali:~# ifconfig eth0 192.168.1.151/24
root@kali:~# ifconfig eth0
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.1.151 netmask 255.255.255.0 broadcast 192.168.1.255
    inet6 fe80::250:56ff:fe01:3ce2 prefixlen 64 scopeid 0x20<link>
    ether 00:50:56:01:3c:e2 txqueuelen 1000 (Ethernet)
    RX packets 33600 bytes 5014327 (4.7 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 151 bytes 10722 (10.4 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```
root@kali:~# ifconfig eth0 192.168.2.13 netmask 255.255.255.0
```

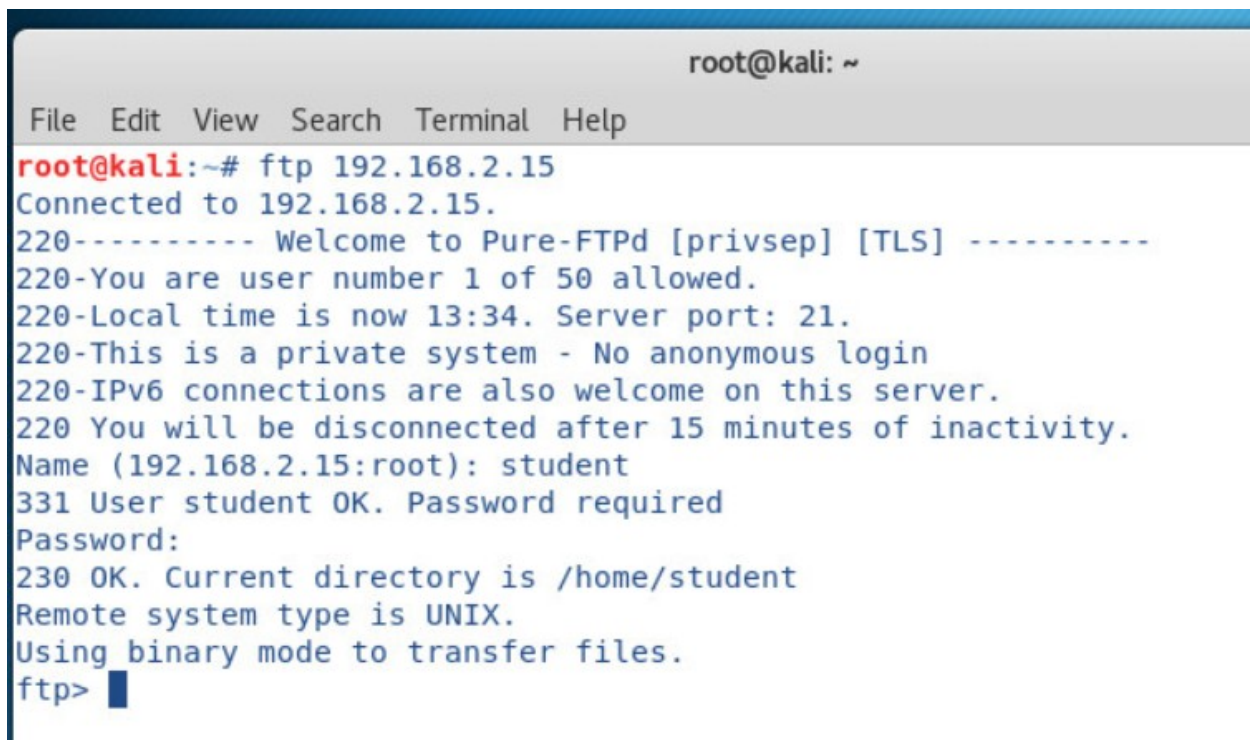
```
root@kali:~# route -n
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
192.168.2.0 0.0.0.0 255.255.255.0 U 0 0 0 eth0
```

```
root@kali:~# cat /etc/resolv.conf
nameserver 8.8.8.8
```

### 2.3 Files

## Lab 02 Report

```
root@kali:~# apt-get install pure-ftpd-common pure-ftpd
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  jsql libass5 libavdevice57 libbluray1 libcoin80v5 libebur128-1
  libevent-openssl-2.0-5 libevent-pthreads-2.0-5 libgraphicsmagick-q16-3
  libhunspell-1.4-0 libiso9660-8 libjs-mochikit libmad0 libntfs-3g871
  libopenscenegraph100v5 libopenthreads20 libqgis-analysis2.14.11
  libqgis-core2.14.11 libqgis-gui2.14.11 libqgis-networkanalysis2.14.11
  libqgis-server2.14.11 libqgispython2.14.11 libsdl2-2.0-0 liburcu4
  libvcdinfo0 libwebpmux2 libx265-95 libxine2 libxine2-bin libxine2-doc
  libxine2-ffmpeg libxine2-misc-plugins libxine2-plugins
```



```
root@kali: ~
File Edit View Search Terminal Help
root@kali:~# ftp 192.168.2.15
Connected to 192.168.2.15.
220----- Welcome to Pure-FTPd [privsep] [TLS] -----
220-You are user number 1 of 50 allowed.
220-Local time is now 13:34. Server port: 21.
220-This is a private system - No anonymous login
220-IPv6 connections are also welcome on this server.
220 You will be disconnected after 15 minutes of inactivity.
Name (192.168.2.15:root): student
331 User student OK. Password required
Password:
230 OK. Current directory is /home/student
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> █
```

```
ftp> put ca_setup.exe
local: ca_setup.exe remote: ca_setup.exe
local: ca_setup.exe: No such file or directory
```

There's no file called ca\_setup.exe. The rest of the lab depends on this file. So, I skipped with Professor Schott's permission.

## ***Lab 02 Report***

### **Vulnerabilities**

No vulnerabilities discovered in this lab.