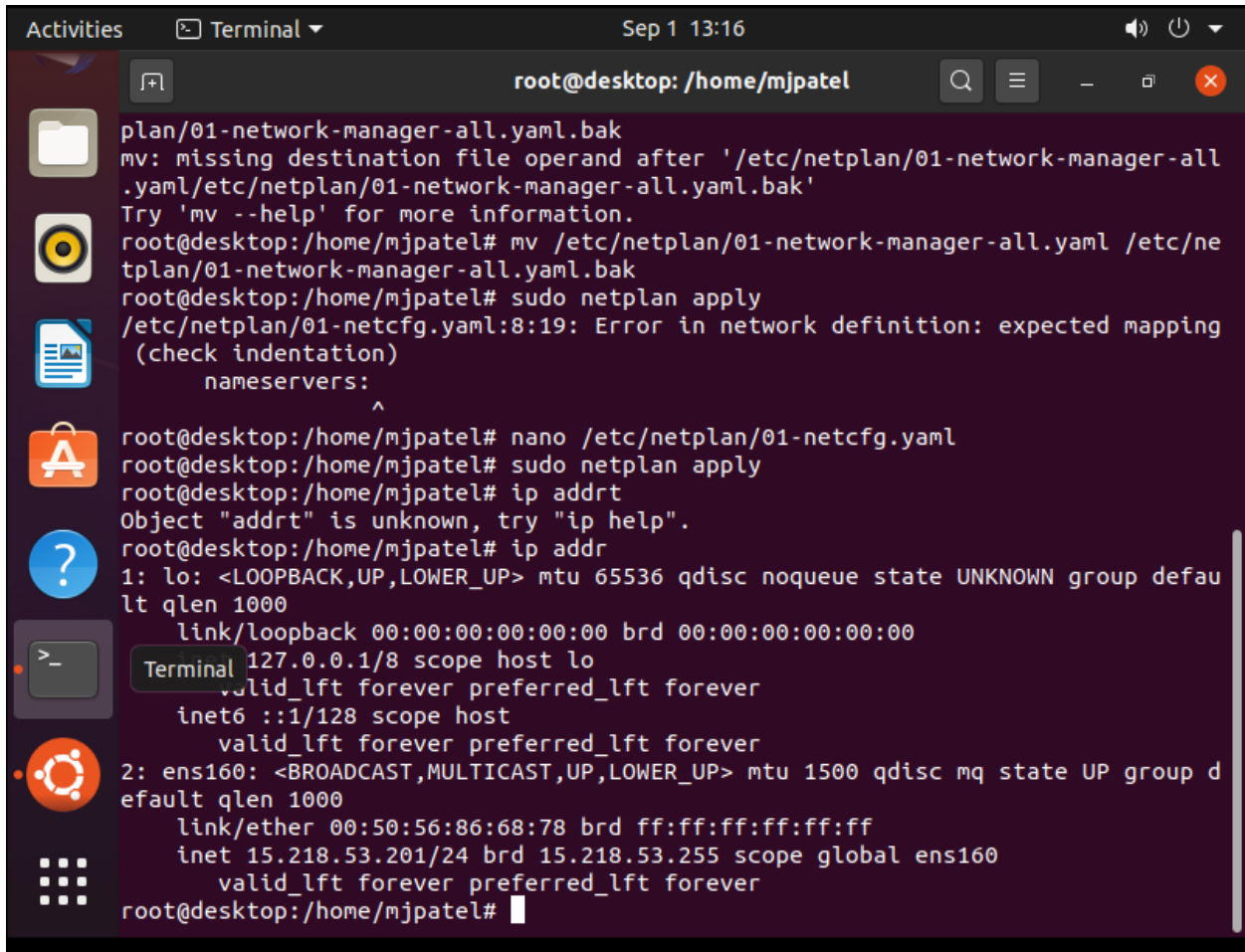


Lab 01 Template

- 1.) **Successful output of `ip addr` to show your statically set IP information is correct**
(15 Points)

A terminal window titled 'Terminal' with a timestamp of 'Sep 1 13:16'. The user is logged in as 'root' at 'desktop' in the directory '/home/mjpatel'. The terminal shows the following sequence of commands and outputs:
1. Command: `mv /etc/netplan/01-network-manager-all.yaml /etc/netplan/01-network-manager-all.yaml.bak`
Output: `mv: missing destination file operand after '/etc/netplan/01-network-manager-all.yaml/etc/netplan/01-network-manager-all.yaml.bak'`
2. Command: `mv /etc/netplan/01-network-manager-all.yaml /etc/netplan/01-network-manager-all.yaml.bak`
3. Command: `sudo netplan apply`
Output: `/etc/netplan/01-netcfg.yaml:8:19: Error in network definition: expected mapping (check indentation)`
4. Command: `nano /etc/netplan/01-netcfg.yaml`
5. Command: `sudo netplan apply`
6. Command: `ip addrt`
Output: `Object "addrt" is unknown, try "ip help".`
7. Command: `ip addr`
Output:
`1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
 link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
 inet 127.0.0.1/8 scope host lo
 valid_lft forever preferred_lft forever
 inet6 ::1/128 scope host
 valid_lft forever preferred_lft forever
2: ens160: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default qlen 1000
 link/ether 00:50:56:86:68:78 brd ff:ff:ff:ff:ff:ff
 inet 15.218.53.201/24 brd 15.218.53.255 scope global ens160
 valid_lft forever preferred_lft forever`
The terminal ends with the prompt `root@desktop:/home/mjpatel#`.

- 2.) **Successful output of `ping` to your default gateway**
(15 Points)

```
root@desktop: /home/mjpatel
root@desktop:/home/mjpatel# ping
ping: usage error: Destination address required
root@desktop:/home/mjpatel# ping 15.218.53.254
PING 15.218.53.254 (15.218.53.254) 56(84) bytes of data.
64 bytes from 15.218.53.254: icmp_seq=1 ttl=63 time=0.535 ms
64 bytes from 15.218.53.254: icmp_seq=2 ttl=63 time=0.293 ms
64 bytes from 15.218.53.254: icmp_seq=3 ttl=63 time=0.300 ms
64 bytes from 15.218.53.254: icmp_seq=4 ttl=63 time=0.311 ms
64 bytes from 15.218.53.254: icmp_seq=5 ttl=63 time=0.252 ms
64 bytes from 15.218.53.254: icmp_seq=6 ttl=63 time=0.276 ms
64 bytes from 15.218.53.254: icmp_seq=7 ttl=63 time=0.254 ms
64 bytes from 15.218.53.254: icmp_seq=8 ttl=63 time=0.288 ms
64 bytes from 15.218.53.254: icmp_seq=9 ttl=63 time=0.303 ms
64 bytes from 15.218.53.254: icmp_seq=10 ttl=63 time=0.279 ms
64 bytes from 15.218.53.254: icmp_seq=11 ttl=63 time=0.174 ms
64 bytes from 15.218.53.254: icmp_seq=12 ttl=63 time=0.194 ms
64 bytes from 15.218.53.254: icmp_seq=13 ttl=63 time=0.199 ms
64 bytes from 15.218.53.254: icmp_seq=14 ttl=63 time=0.164 ms
64 bytes from 15.218.53.254: icmp_seq=15 ttl=63 time=0.190 ms
64 bytes from 15.218.53.254: icmp_seq=16 ttl=63 time=0.247 ms
64 bytes from 15.218.53.254: icmp_seq=17 ttl=63 time=0.193 ms
64 bytes from 15.218.53.254: icmp_seq=18 ttl=63 time=0.233 ms
64 bytes from 15.218.53.254: icmp_seq=19 ttl=63 time=0.177 ms
64 bytes from 15.218.53.254: icmp_seq=20 ttl=63 time=0.212 ms
64 bytes from 15.218.53.254: icmp_seq=21 ttl=63 time=0.299 ms
64 bytes from 15.218.53.254: icmp_seq=22 ttl=63 time=0.379 ms
64 bytes from 15.218.53.254: icmp_seq=23 ttl=63 time=0.260 ms
64 bytes from 15.218.53.254: icmp_seq=24 ttl=63 time=0.226 ms
64 bytes from 15.218.53.254: icmp_seq=25 ttl=63 time=0.359 ms
```

3.) Screenshot of Iowa State's homepage successfully loading in firefox
(10 Points)



@IowaStateU

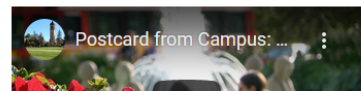


News

Climate forecast troubling, but there's hope

Mosquito immune cells may hold answers to disease transmission

Postcard from Campus



File	Why is editing this file necessary when setting up my network settings?
/etc/netplan/01-netcfg.yaml (20 Points)	After establishing the network device name, to configure the device
/etc/environment (20 Points)	To add environment exports to tell most commands to use proxy.
/etc/profile (20 Points)	To bypass the proxy