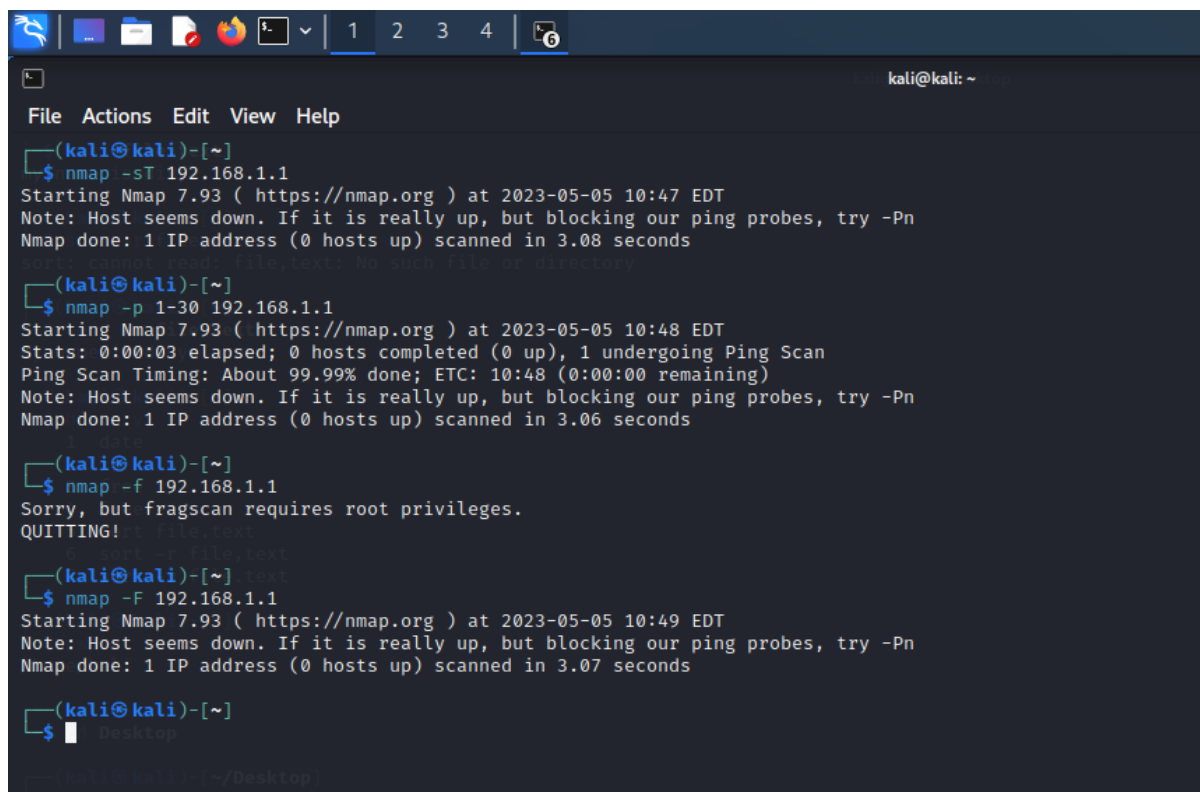


## EXPERIMENT 1: NMAP

OUTPUT:



```
(kali㉿kali)-[~]
└─$ nmap -sT 192.168.1.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-05 10:47 EDT
Note: Host seems down. If it is really up, but blocking our ping probes, try -Pn
Nmap done: 1 IP address (0 hosts up) scanned in 3.08 seconds
└─$ nmap -p 1-30 192.168.1.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-05 10:48 EDT
Stats: 0:00:03 elapsed; 0 hosts completed (0 up), 1 undergoing Ping Scan
Ping Scan Timing: About 99.99% done; ETC: 10:48 (0:00:00 remaining)
Note: Host seems down. If it is really up, but blocking our ping probes, try -Pn
Nmap done: 1 IP address (0 hosts up) scanned in 3.06 seconds
└─$ nmap -f 192.168.1.1
Sorry, but fragscan requires root privileges.
QUITTING!
└─$ nmap -F 192.168.1.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-05-05 10:49 EDT
Note: Host seems down. If it is really up, but blocking our ping probes, try -Pn
Nmap done: 1 IP address (0 hosts up) scanned in 3.07 seconds
└─$ cd Desktop
(kali㉿kali)-[~/Desktop]
```