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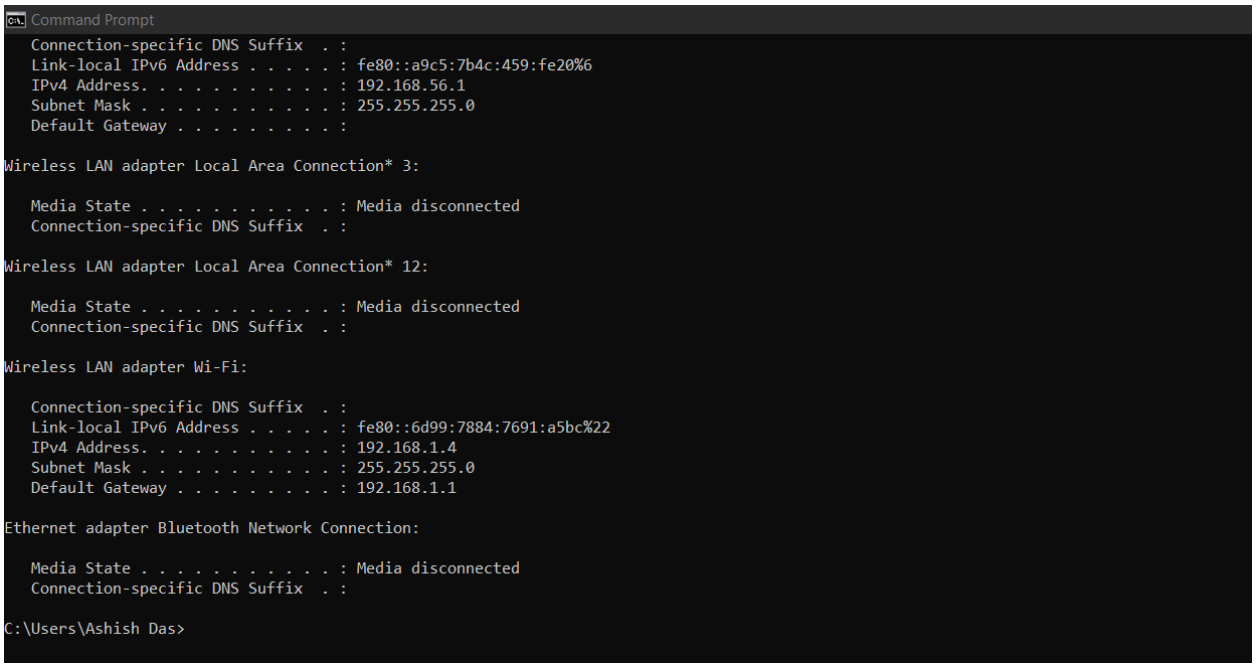
1. Use commands to find the IPv4 address and subnet mask of your computer



2. Create a batch file that will capture the following volatile information from an evidence system and store it a file.

```
@echo off

echo Exercise 5 - 19BCE1160>output.txt
echo.>>output.txt

set ip_address_string="IPv4 Address"
for /f "usebackq tokens=2 delims=:" %%f in (`ipconfig ^| findstr /c:%ip_addres
s_string%`) do echo IPv4 Address: %%f>>output.txt

echo.>>output.txt
echo Current Date: %date%>>output.txt
echo Current Time: %time%>>output.txt

echo.>>output.txt
echo ARP Table:>>output.txt
for /f "delims=" %%f in ('arp -a') do echo %%f>>output.txt

echo.>>output.txt
echo Network connection information:>>output.txt
for /f "delims=" %%f in ('netstat -n') do echo %%f>>output.txt
```

```
 2
 3 IPv4 Address:  192.168.56.1
 4 IPv4 Address:  192.168.253.170
 5
 6 Current Date: Mon 09/06/2021
 7 Current Time: 22:50:04.80
 8
 9 ARP Table:
10 Interface: 192.168.253.170 --- 0x6
11   Internet Address      Physical Address      Type
12   192.168.253.50        06-53-[redacted]      dynamic
13   192.168.253.255       ff-ff-[redacted]      static
14   224.0.0.22            01-00-[redacted]      static
15   224.0.0.251           01-00-[redacted]      static
16   224.0.0.252           01-00-[redacted]      static
17   239.255.255.250       01-00-[redacted]      static
18   255.255.255.255       ff-ff-[redacted]      static
19 Interface: 192.168.56.1 --- 0x1a
20   Internet Address      Physical Address      Type
21   192.168.56.255        ff-ff-[redacted]      static
22   224.0.0.22            01-00-[redacted]      static
23   224.0.0.251           01-00-[redacted]      static
24   224.0.0.252           01-00-[redacted]      static
25   239.255.255.250       01-00-[redacted]      static
26
27 Network connection information:
28 Active Connections
29   Proto  Local Address          Foreign Address        State
30   TCP    127.0.0.1:1043         127.0.0.1:1044         ESTABLISHED
31   TCP    127.0.0.1:1043         127.0.0.1:1047         ESTABLISHED
32   TCP    127.0.0.1:1044         127.0.0.1:1043         ESTABLISHED
33   TCP    127.0.0.1:1045         127.0.0.1:9012         ESTABLISHED
34   TCP    127.0.0.1:1046         127.0.0.1:9487         ESTABLISHED
35   TCP    127.0.0.1:1047         127.0.0.1:1043         ESTABLISHED
36   TCP    127.0.0.1:9012         127.0.0.1:1045         ESTABLISHED
37   TCP    127.0.0.1:9487         127.0.0.1:1046         ESTABLISHED
38   TCP    192.168.253.170:1024   115.240.194.4:443      CLOSE_WAIT
39   TCP    192.168.253.170:1025   151.101.1.69:443       ESTABLISHED
40   TCP    192.168.253.170:1026   35.165.106.175:443     ESTABLISHED
```