Microsoft Windows [Version 10.0.17763.805]
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C:\Users\Piyush>ipconfig /all
Windows IP Configuration
Host Name . . . . : Piyush
Primary Dns Suffix . . . . :
Node Type . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
Ethernet adapter Ethernet:
Media State . . . . : Media disconnected
Connection-specific DNS Suffix . :
Description . . . . : Realtek PCIe GbE Family Controller
Physical Address. . . . . : B4-A9-FC-20-57-51
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
Wireless LAN adapter Local Area Connection* 1:
Media State . . . . : Media disconnected
Connection-specific DNS Suffix . :
Description . . . . : Microsoft Wi-Fi Direct Virtual Adapter
Physical Address. . . . . : EA-D0-FC-8A-C1-5B
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
Wireless LAN adapter Local Area Connection* 2:
Media State . . . . : Media disconnected
Connection-specific DNS Suffix . :
Description . . . . : Microsoft Wi-Fi Direct Virtual Adapter #2
Physical Address. . . . . : FA-D0-FC-8A-C1-5B
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
Wireless LAN adapter Wi-Fi:
Media State . . . . : Media disconnected
Connection-specific DNS Suffix . :
Description . . . . : Qualcomm Atheros QCA61x4A Wireless Network Adapter
Physical Address. . . . . : E8-D0-FC-8A-C1-5B
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
Ethernet adapter Bluetooth Network Connection:
Media State . . . . : Media disconnected
Connection-specific DNS Suffix . :
Description . . . . : Bluetooth Device (Personal Area Network)
Physical Address. . . . . : E8-D0-FC-8A-C1-5C

DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
C:\Users\Piyush>ping 127.0.0.1
Pinging 127.0.0.1 with 32 bytes of data:
Reply from 127.0.0.1: bytes=32 time<1ms TTL=128
Reply from 127.0.0.1: bytes=32 time<1ms TTL=128
Reply from 127.0.0.1: bytes=32 time<1ms TTL=128
Reply from 127.0.0.1: bytes=32 time<1ms TTL=128
Ping statistics for 127.0.0.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\Users\Piyush>hostname
LAPTOP-8VIT5968
C:\Users\SHRUTI>netstat -a
Active Connections

Proto	Local Address	Foreign Address	State
TCP	0.0.0.0:135	LAPTOP-8VIT5968:0	LISTENING
TCP	0.0.0.0:445	LAPTOP-8VIT5968:0	LISTENING
TCP	0.0.0.0:5040	LAPTOP-8VIT5968:0	LISTENING
TCP	0.0.0.0:5357	LAPTOP-8VIT5968:0	LISTENING
TCP	0.0.0.0:49664	LAPTOP-8VIT5968:0	LISTENING
TCP	0.0.0.0:49665	LAPTOP-8VIT5968:0	LISTENING
TCP	0.0.0.0:49666	LAPTOP-8VIT5968:0	LISTENING
TCP	0.0.0.0:49667	LAPTOP-8VIT5968:0	LISTENING
TCP	0.0.0.0:49669	LAPTOP-8VIT5968:0	LISTENING
TCP	0.0.0.0:49670	LAPTOP-8VIT5968:0	LISTENING
TCP	[::]:135	LAPTOP-8VIT5968:0	LISTENING
TCP	[::]:445	LAPTOP-8VIT5968:0	LISTENING
TCP	[::]:5357	LAPTOP-8VIT5968:0	LISTENING
TCP	[::]:49664	LAPTOP-8VIT5968:0	LISTENING
TCP	[::]:49665	LAPTOP-8VIT5968:0	LISTENING
TCP	[::]:49666	LAPTOP-8VIT5968:0	LISTENING
TCP	[::]:49667	LAPTOP-8VIT5968:0	LISTENING
TCP	[::]:49669	LAPTOP-8VIT5968:0	LISTENING
TCP	[::]:49670	LAPTOP-8VIT5968:0	LISTENING
TCP	[::1]:49668	LAPTOP-8VIT5968:0	LISTENING
UDP	0.0.0.0:500	*:*	
UDP	0.0.0.0:3702	*:*	
UDP	0.0.0.0:3702	*:*	
UDP	0.0.0.0:4500	*:*	
UDP	0.0.0.0:5050	*:*	

```
UDP    0.0.0.0:57369        *:*
UDP    0.0.0.0:64689        *:*
UDP    127.0.0.1:1900       *:*
UDP    127.0.0.1:49666      *:*
UDP    127.0.0.1:55180      *:*
UDP    [::]:500         *:*
UDP    [::]:3702        *:*
UDP    [::]:3702        *:*
UDP    [::]:4500        *:*
UDP    [::]:57369       *:*
UDP    [::]:64690       *:*
UDP    [::1]:1900       *:*
UDP    [::1]:55179      *:*
```

C:\Users\Piyush>nbtstat -s

Ethernet:

Node IpAddress: [0.0.0.0] Scope Id: []

No Connections

Bluetooth Network Connection:

Node IpAddress: [0.0.0.0] Scope Id: []

No Connections

Wi-Fi:

Node IpAddress: [0.0.0.0] Scope Id: []

No Connections

Local Area Connection* 1:

Node IpAddress: [0.0.0.0] Scope Id: []

No Connections

Local Area Connection* 2:

Node IpAddress: [0.0.0.0] Scope Id: []

No Connections

C:\Users\Piyush>route -n

Manipulates network routing tables.

ROUTE [-f] [-p] [-4|-6] command [destination]

[MASK netmask] [gateway] [METRIC metric] [IF interface]

-f   Clears the routing tables of all gateway entries. If this is

used in conjunction with one of the commands, the tables are

cleared prior to running the command.

-p   When used with the ADD command, makes a route persistent across

boots of the system. By default, routes are not preserved

when the system is restarted. Ignored for all other commands,

which always affect the appropriate persistent routes.

-4   Force using IPv4.

-6   Force using IPv6.

command   One of these:
PRINT   Prints a route
ADD   Adds   a route
DELETE   Deletes a route
CHANGE   Modifies an existing route
destination Specifies the host.
MASK   Specifies that the next parameter is the 'netmask' value.
netmask   Specifies a subnet mask value for this route entry.
If not specified, it defaults to 255.255.255.255.
gateway   Specifies gateway.
interface   the interface number for the specified route.
METRIC   specifies the metric, ie. cost for the destination.
All symbolic names used for destination are looked up in the network database
file NETWORKS. The symbolic names for gateway are looked up in the host name
database file HOSTS.
If the command is PRINT or DELETE. Destination or gateway can be a wildcard,
(wildcard is specified as a star '*'), or the gateway argument may be omitted.
If Dest contains a * or ?, it is treated as a shell pattern, and only
matching destination routes are printed. The '*' matches any string,
and '?' matches any one char. Examples: 157.*.1, 157.*, 127.*, *224*.
Pattern match is only allowed in PRINT command.
Diagnostic Notes:
Invalid MASK generates an error, that is when (DEST & MASK) != DEST.
Example> route ADD 157.0.0.0 MASK 155.0.0.0 157.55.80.1 IF 1
The route addition failed: The specified mask parameter is invalid. (Destination & Mask) != Destination.
Examples:
> route PRINT
> route PRINT -4
> route PRINT -6
> route PRINT 157*   .... Only prints those matching 157*
> route ADD 157.0.0.0 MASK 255.0.0.0 157.55.80.1 METRIC 3 IF 2
destination^   ^mask   ^gateway   metric^ ^
Interface^   If IF is not
given, it tries to find the best interface for a given
gateway.
> route ADD 3ffe::/32 3ffe::1
> route CHANGE 157.0.0.0 MASK 255.0.0.0 157.55.80.5 METRIC 2 IF 2
CHANGE is used to modify gateway and/or metric only.
> route DELETE 157.0.0.0
> route DELETE 3ffe::/32
C:\Users\SHRUTI>arp -a
No ARP Entries Found.

C:\Users\Piyush>finger -l

Displays information about a user on a specified system running the
Finger service. Output varies based on the remote system.

FINGER [-l] [user]@host [...]

-l   Displays information in long list format.

user   Specifies the user you want information about. Omit the user
parameter to display information about all users on the
specifed host.

@host   Specifies the server on the remote system whose users you
want information about.