```
C:\Users\hp>nslookup
Default Server:  UnKnown
Address:  192.168.0.1

>
```

```
Microsoft Windows [Version 10.0.22631.3958]
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C:\Users\hp>ipconfig

Windows IP Configuration


Wireless LAN adapter Local Area Connection* 1:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 10:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :

Wireless LAN adapter Wi-Fi:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::ba0c:98b3:6df0:cdc2%8
   IPv4 Address. . . . . . . . . . . : 192.168.0.105
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . : 192.168.0.1

C:\Users\hp>
```

```
C:\Users\hp>ipconfig/all

Windows IP Configuration

   Host Name . . . . . . . . . . . . : DESKTOP-P89CACM
   Primary Dns Suffix  . . . . . . . :
   Node Type . . . . . . . . . . . . : Hybrid
   IP Routing Enabled. . . . . . . . : No
   WINS Proxy Enabled. . . . . . . . : No

Wireless LAN adapter Local Area Connection* 1:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :
   Description . . . . . . . . . . . : Microsoft Wi-Fi Direct Virtual Adapter
   Physical Address. . . . . . . . . : C2-B5-D7-26-B9-7B
   DHCP Enabled. . . . . . . . . . . : Yes
   Autoconfiguration Enabled . . . . : Yes

Wireless LAN adapter Local Area Connection* 10:

   Media State . . . . . . . . . . . : Media disconnected
   Connection-specific DNS Suffix  . :
   Description . . . . . . . . . . . : Microsoft Wi-Fi Direct Virtual Adapter #2
   Physical Address. . . . . . . . . : E2-B5-D7-26-B9-7B
   DHCP Enabled. . . . . . . . . . . : No
   Autoconfiguration Enabled . . . . : Yes

Wireless LAN adapter Wi-Fi:

   Connection-specific DNS Suffix  . :
   Description . . . . . . . . . . . : Realtek RTL8822BE 802.11ac PCIe Adapter
   Physical Address. . . . . . . . . : C0-B5-D7-26-B9-7B
>
C:\Users\hp>ping www.google.com

Pinging www.google.com [142.250.195.228] with 32 bytes of data:
Reply from 142.250.195.228: bytes=32 time=7ms TTL=119
Reply from 142.250.195.228: bytes=32 time=6ms TTL=119
Reply from 142.250.195.228: bytes=32 time=8ms TTL=119
Reply from 142.250.195.228: bytes=32 time=7ms TTL=119

Ping statistics for 142.250.195.228:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 6ms, Maximum = 8ms, Average = 7ms

C:\Users\hp>
```

```
C:\Users\hp>hostname
DESKTOP-P89CACM

C:\Users\hp>tracert

Usage: tracert [-d] [-h maximum_hops] [-j host-list] [-w timeout]
               [-R] [-S srcaddr] [-4] [-6] target_name

Options:
    -d                 Do not resolve addresses to hostnames.
    -h maximum_hops    Maximum number of hops to search for target.
    -j host-list       Loose source route along host-list (IPv4-only).
    -w timeout         Wait timeout milliseconds for each reply.
    -R                 Trace round-trip path (IPv6-only).
    -S srcaddr         Source address to use (IPv6-only).
    -4                 Force using IPv4.
    -6                 Force using IPv6.

C:\Users\hp>tracert www.google.com

Tracing route to www.google.com [142.250.195.228]
over a maximum of 30 hops:

  1     1 ms     1 ms    <1 ms  192.168.0.1
  2    10 ms     9 ms     7 ms  10.1.0.1
  3     7 ms     7 ms     7 ms  103.88.76.2
  4     6 ms     6 ms     6 ms  |

C:\Users\hp>netstat

Active Connections

  Proto  Local Address          Foreign Address        State
  TCP    192.168.0.105:52326    173:7500               ESTABLISHED
  TCP    192.168.0.105:52647    sl-in-f188:5228        ESTABLISHED
  TCP    192.168.0.105:61168    a23-202-229-23:https   CLOSE_WAIT
  TCP    192.168.0.105:61181    a23-202-229-22:https   CLOSE_WAIT
  TCP    192.168.0.105:61182    a23-202-229-22:https   CLOSE_WAIT
  TCP    192.168.0.105:61183    a23-202-229-22:https   CLOSE_WAIT
  TCP    192.168.0.105:61184    a23-202-229-22:https   CLOSE_WAIT
  TCP    192.168.0.105:61185    a23-202-229-22:https   CLOSE_WAIT
  TCP    192.168.0.105:61186    a23-202-229-22:https   CLOSE_WAIT
  TCP    192.168.0.105:61190    a23-202-229-22:https   CLOSE_WAIT
  TCP    192.168.0.105:61191    a23-202-229-22:https   CLOSE_WAIT
  TCP    192.168.0.105:61192    a23-202-229-22:https   CLOSE_WAIT
  TCP    192.168.0.105:61193    a23-202-229-22:https   CLOSE_WAIT
  TCP    192.168.0.105:61194    a23-202-229-22:https   CLOSE_WAIT
  TCP    192.168.0.105:61195    a23-202-229-22:https   CLOSE_WAIT
  TCP    192.168.0.105:64057    65:https               ESTABLISHED
```

```
C:\Users\hp>arp

Displays and modifies the IP-to-Physical address translation tables used by
address resolution protocol (ARP).

ARP -s inet_addr eth_addr [if_addr]
ARP -d inet_addr [if_addr]
ARP -a [inet_addr] [-N if_addr] [-v]

  -a            Displays current ARP entries by interrogating the current
                protocol data.  If inet_addr is specified, the IP and Physical
                addresses for only the specified computer are displayed.  If
                more than one network interface uses ARP, entries for each ARP
                table are displayed.
  -g            Same as -a.
  -v            Displays current ARP entries in verbose mode.  All invalid
                entries and entries on the loop-back interface will be shown.
  inet_addr     Specifies an internet address.
  -N if_addr    Displays the ARP entries for the network interface specified
                by if_addr.
  -d            Deletes the host specified by inet_addr. inet_addr may be
                wildcarded with * to delete all hosts.
  -s            Adds the host and associates the Internet address inet_addr
                with the Physical address eth_addr.  The Physical address is
                given as 6 hexadecimal bytes separated by hyphens. The entry
                is permanent.
  eth_addr      Specifies a physical address.
  if_addr       If present, this specifies the Internet address of the
                interface whose address translation table should be modified.
                If not present, the first applicable interface will be used.

C:\Users\hp>systeminfo

Host Name:                 DESKTOP-P89CACM
OS Name:                   Microsoft Windows 11 Home Single Language
OS Version:                10.0.22631 N/A Build 22631
OS Manufacturer:           Microsoft Corporation
OS Configuration:          Standalone Workstation
OS Build Type:             Multiprocessor Free
Registered Owner:          hp
Registered Organization:
Product ID:                00327-35850-24717-AAOEM
Original Install Date:     4/4/2024, 3:18:47 PM
System Boot Time:          8/11/2024, 10:24:18 PM
System Manufacturer:       HP
System Model:              HP Pavilion x360 Convertible 14-dh0xxx
System Type:               x64-based PC
Processor(s):              1 Processor(s) Installed.
                           [01]: Intel64 Family 6 Model 142 Stepping 12 GenuineIntel ~1600 Mhz
BIOS Version:              Insyde F.06, 5/24/2019
Windows Directory:         C:\WINDOWS
System Directory:          C:\WINDOWS\system32
Boot Device:               \Device\HarddiskVolume2
System Locale:             en-us;English (United States)
Input Locale:              00004009
Time Zone:                 (UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi
Total Physical Memory:     8,013 MB
Available Physical Memory: 2,027 MB
Virtual Memory: Max Size:  9,293 MB
```