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Roll No: p190053

Session: Computer networks Lab

Section: BSCS(5A)

Note: AoA sir kindly accept my lab task because my operating system is linux due to this problem i can't submit my lab task on time. First i installed windows then i submit my work.

```
C:\Users\M.jawad Khan>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

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

Wireless LAN adapter Local Area Connection* 9:

    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::454e:ad65:2521:761b%11
    IPv4 Address. . . . . : 192.168.43.41
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.43.1

C:\Users\M.jawad Khan>
```

Microsoft Windows [Version 10.0.18363.1379]
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Windows IP Configuration

```
Host Name . . . . . : DESKTOP-LL35CG0
Primary Dns Suffix . . . . . :
Node Type . . . . . : Hybrid
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
```

```
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . : 
Description . . . . . : Realtek PCIe GBE Family Controller
Physical Address. . . . . : 98-40-8B-4A-9E-9F
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
```

```
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . : 
Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter
Physical Address. . . . . : DA-8F-99-73-F2-15
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . : Yes
```

```
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . : 
Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter #2
Physical Address. . . . . : EA-0F-99-73-F2-15
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . : Yes
```

Wireless LAN adapter Wi-Fi:

```
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . : 
Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter #10
Physical Address. . . . . : EA-0F-99-73-F2-15
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
```

```

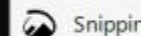
Connection-specific DNS Suffix . : 
Description . . . . . : Qualcomm QCA9377 802.11n
Physical Address. . . . . : D8-0F-99-73-F2-15
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::454e:ad65:2521:1
IPv4 Address. . . . . : 192.168.43.41(Preferr
Subnet Mask . . . . . : 255.255.255.0
Lease Obtained. . . . . : Thursday, September 1
Lease Expires . . . . . : Thursday, September 1
Default Gateway . . . . . : 192.168.43.1
DHCP Server . . . . . : 192.168.43.1
DHCPv6 IAID . . . . . : 316149657
DHCPv6 Client DUID. . . . . : 00-01-00-01-26-F0-80-
DNS Servers . . . . . : 192.168.43.1
NetBIOS over Tcpip. . . . . : Enabled

```

C:\Users\M.jawad Khan>



Select the snip menu button.



In a future home. Try & Sketch Windows.

Try Snip

Command Prompt

```
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C:\Users\M.jawad Khan>ipconfig /release

Windows IP Configuration

No operation can be performed on Ethernet while it has its media disconnected.
No operation can be performed on Local Area Connection* 9 while it has its media disconnected.
No operation can be performed on Local Area Connection* 10 while it has its media disconnected.

Ethernet adapter Ethernet:

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

Wireless LAN adapter Local Area Connection* 9:

    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::454e:ad65:2521:761b%17
    Default Gateway . . . . . :
```

C:\Users\M.jawad Khan>

Command Prompt

```
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```

C:\Users\M.jawad Khan>ipconfig /displaydns

Windows IP Configuration

```
www.gstatic.com
-----
Record Name . . . . . : www.gstatic.com
Record Type . . . . . : 1
Time To Live . . . . . : 134
Data Length . . . . . : 4
Section . . . . . : Answer
A (Host) Record . . . : 216.58.209.131

edgedl.me.gvt1.com
-----
Record Name . . . . . : edgedl.me.gvt1.com
Record Type . . . . . : 1
Time To Live . . . . . : 773
Data Length . . . . . : 4
Section . . . . . : Answer
A (Host) Record . . . : 34.104.35.123

ogs.google.com
-----
Record Name . . . . . : ogs.google.com
Record Type . . . . . : 5
Time To Live . . . . . : 48
Data Length . . . . . : 8
Section . . . . . : Answer
CNAME Record . . . . . : www3.l.google.com

Record Name . . . . . : www3.l.google.com
Record Type . . . . . : 1
Time To Live . . . . . : 48
Data Length . . . . . : 4
Section . . . . . : Answer
A (Host) Record . . . : 142.250.180.46
```

Command Prompt

```
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C:\Users\M.jawad Khan>ipconfig /flushdns

Windows IP Configuration

Successfully flushed the DNS Resolver Cache.

C:\Users\M.jawad Khan>
```

```
File Edit Format View Help

Windows IP Configuration

Host Name . . . . . : DESKTOP-LL35CG0
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. . . . . : 98-40-BB-4A-9E-9F
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes

Wireless LAN adapter Local Area Connection* 9:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . :
Description . . . . . : Microsoft Wi-Fi Direct Virtual Adapter
Physical Address. . . . . : 08-00-00-73-F7-15
```

Command Prompt - nslookup

```
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C:\Users\M.jawad Khan>nslookup
Default Server: UnKnown
Address: 192.168.43.1

> www.google.com
Server: UnKnown
Address: 192.168.43.1

Non-authoritative answer:
Name: www.google.com
Addresses: 2a00:1450:4018:801::2004
          216.58.210.68

>
```

