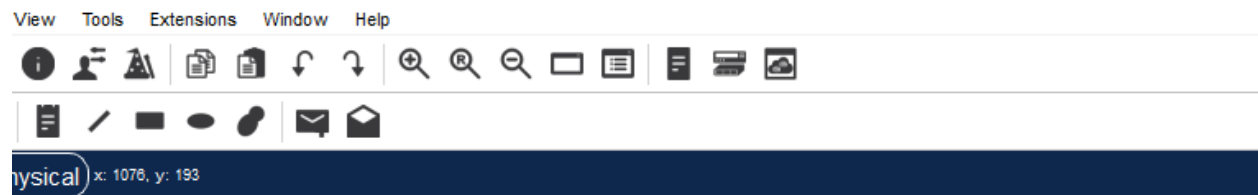


**AHMED IRSHAD HUSSAIN**  
**SP23-BSE-045**

**CONNECTION:**

I used 2 PCs, 2 switches, 2 servers and a router

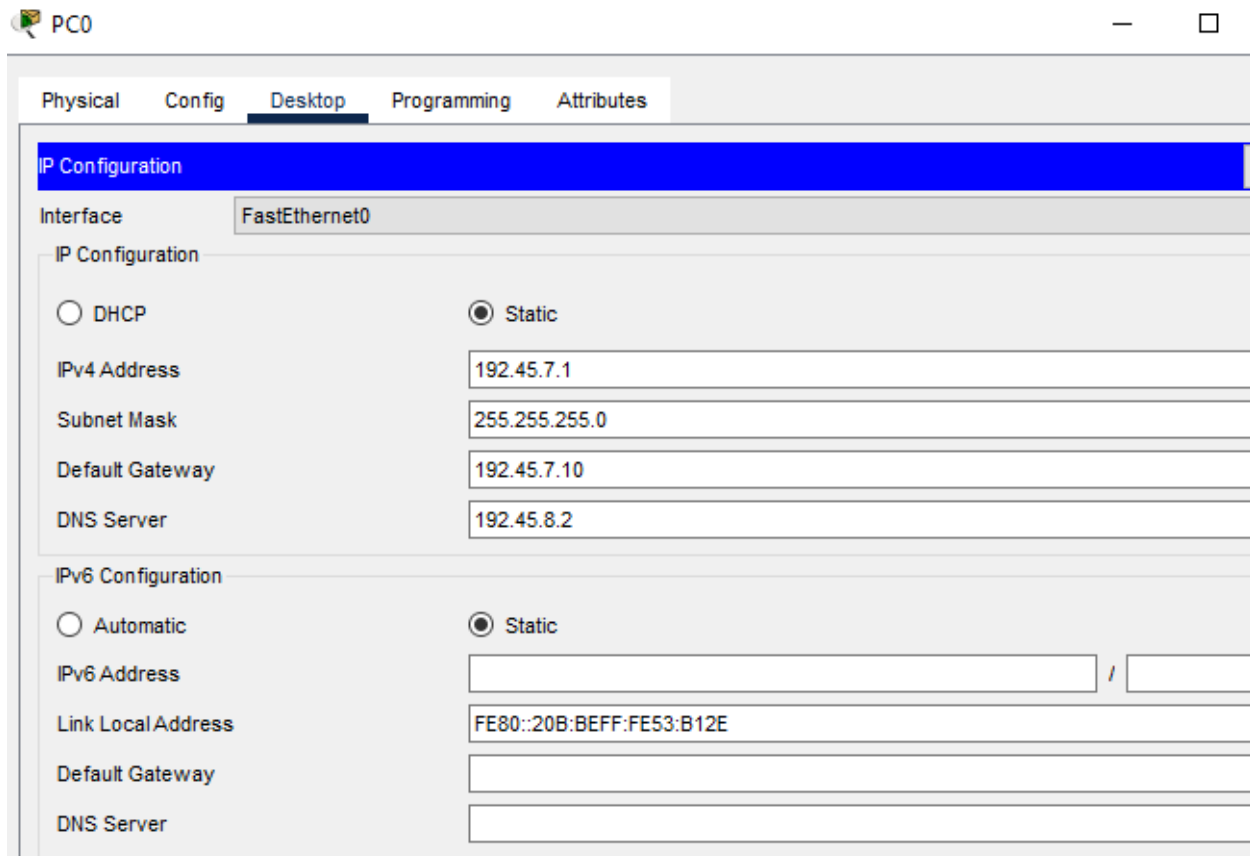
- C:\Users\SP23-BSE-045\Desktop\lab ass.pkt



Here you can see, on the left there are PCs that are attached to switch and on the right there are two servers (one is DNS server and another is Web server with my own name) and in the there is router to connect the PCs and servers.

### PC0:

I assigned a specific IP address to PC0 and also gave it the same Gateway IP. And in the DNS bar I wrote the IP of web server.



The screenshot shows the configuration window for PC0, specifically the 'Desktop' tab. The 'IP Configuration' section is highlighted in blue. Below it, the 'Interface' is set to 'FastEthernet0'. The 'IP Configuration' section has two radio buttons: 'DHCP' (unselected) and 'Static' (selected). The 'Static' configuration fields are filled with the following values:

Field	Value
IPv4 Address	192.45.7.1
Subnet Mask	255.255.255.0
Default Gateway	192.45.7.10
DNS Server	192.45.8.2

Below the IPv4 configuration, there is an 'IPv6 Configuration' section. It also has two radio buttons: 'Automatic' (unselected) and 'Static' (selected). The 'Static' configuration fields are as follows:

Field	Value
IPv6 Address	
Link Local Address	FE80::20B:BEFF:FE53:B12E
Default Gateway	
DNS Server	

### PC1:

I assigned a specific IP address to PC1 also and gave it the same Gateway IP as of PC0. And in the DNS bar I wrote the IP of web server.

PC1

Physical Config **Desktop** Programming Attributes

**IP Configuration**

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.45.7.2

Subnet Mask 255.255.255.0

Default Gateway 192.45.7.10

DNS Server 192.45.8.2

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::2E0:F9FF:FE84:638E

Default Gateway


DNS Server

802.1X

☐ Use 802.1X Security

**DNS SERVER:**

I assigned a specific IP address to DNS Server and gave it the same Gateway IP.

 DNS SERVER — □

Physical Config Services **Desktop** Programming Attributes

**IP Configuration**

IP Configuration

☐ DHCP ☒ Static

IPv4 Address

Subnet Mask

Default Gateway

DNS Server

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address  /

Link Local Address

Default Gateway

DNS Server

802.1X

**WEB SERVER:**

I assigned a specific IP address to Web Server and gave it the same Gateway IP as of DNS Server

Ahmed

Physical Config Services **Desktop** Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.45.8.1

Subnet Mask 255.255.255.0

Default Gateway 192.45.8.10

DNS Server 192.45.8.2

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::2E0:B0FF:FE8:AE77

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

In web server, I opened services tab and in services tab, in HTTP, I made 4 html pages for my Website.

HTTP



On



Off

HTTPS



On



Off

File Manager

	File Name	Edit	Delete
1	Education.html	(edit)	(delete)
2	Main.html	(edit)	(delete)
3	achievements.html	(edit)	(delete)
4	background.html	(edit)	(delete)
5	hobbies.html	(edit)	(delete)
6	image.html	(edit)	(delete)
7	index.html	(edit)	(delete)

PC0

Physical Config **Desktop** Programming Attributes

Web Browser

< > URL http://ahmed

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Welcome Ahmed Irshad's SP23-BSE-045 Web Page

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PC1

Physical Config **Desktop** Programming Attributes

Web Browser

< > URL http://ahmed

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Cisco Packet Tracer

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