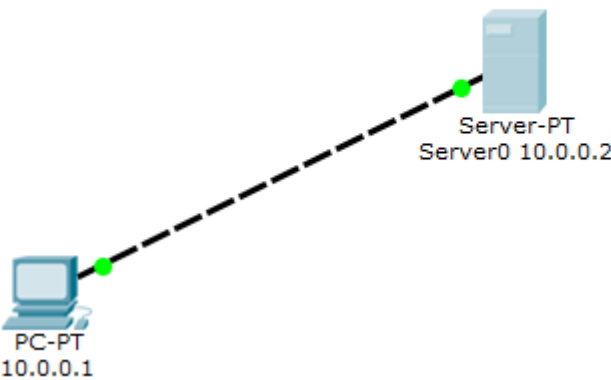


## LAB-05

### 1.Create a topology for DNS:

1BM21CS218



PC-PT  
10.0.0.1

Server-PT  
Server0 10.0.0.2

Server0 10.0.0.2

Physical Config Services Desktop Custom Interface

**SERVICES**

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP

**DNS**

DNS Service ☒ On ☐ Off

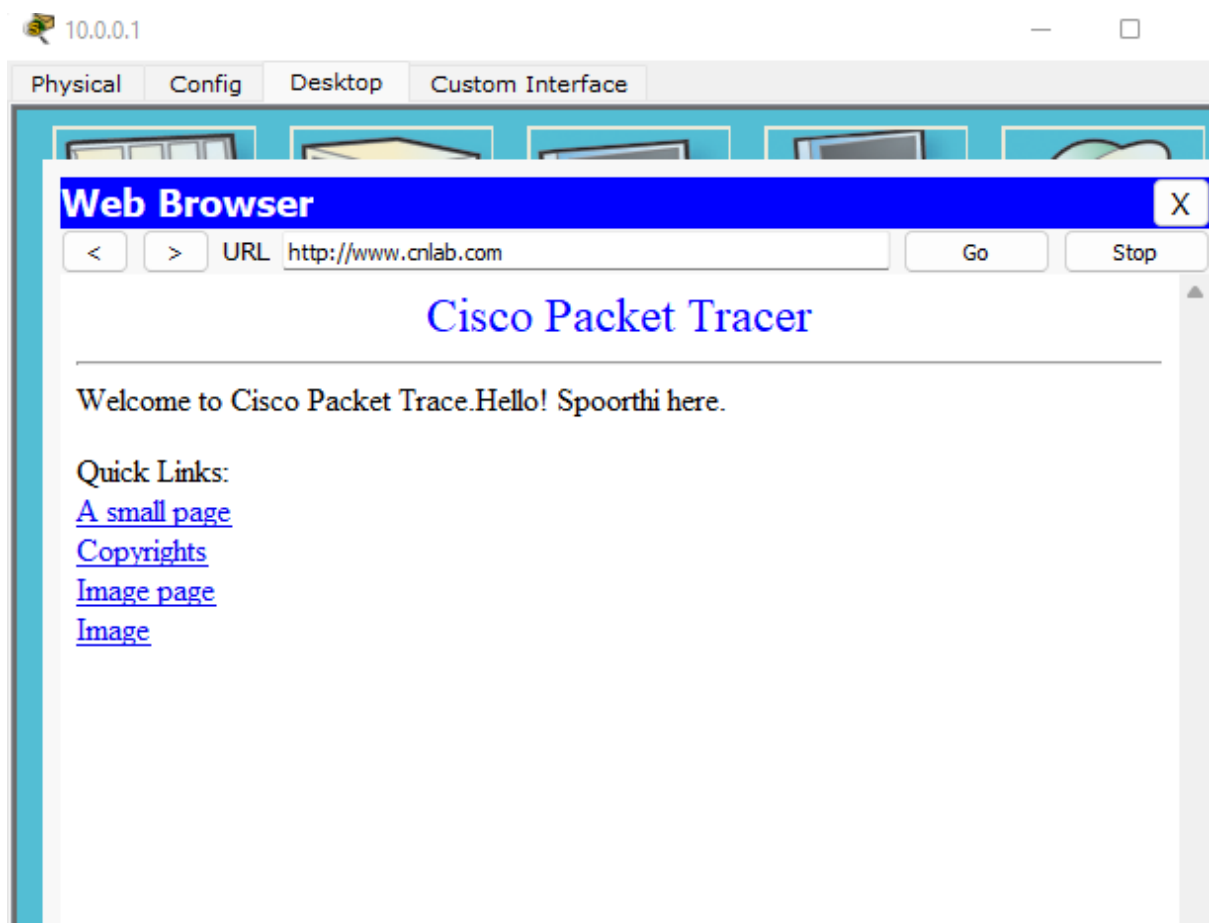
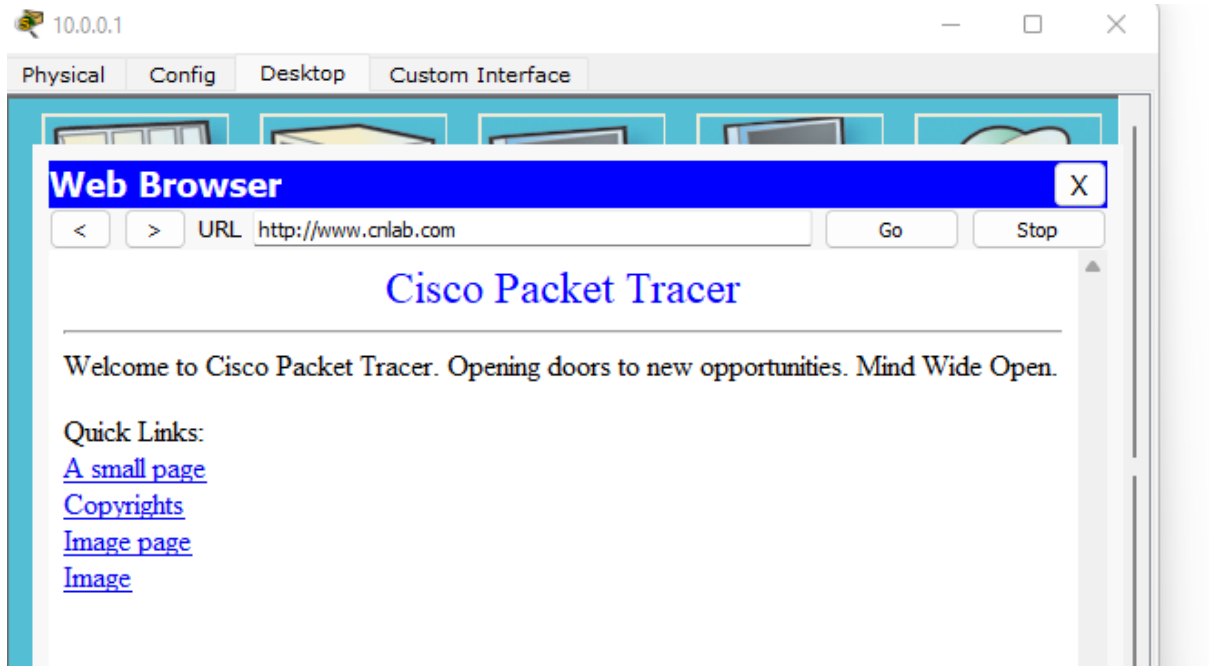
Resource Records

Name  Type **A Record** ▼

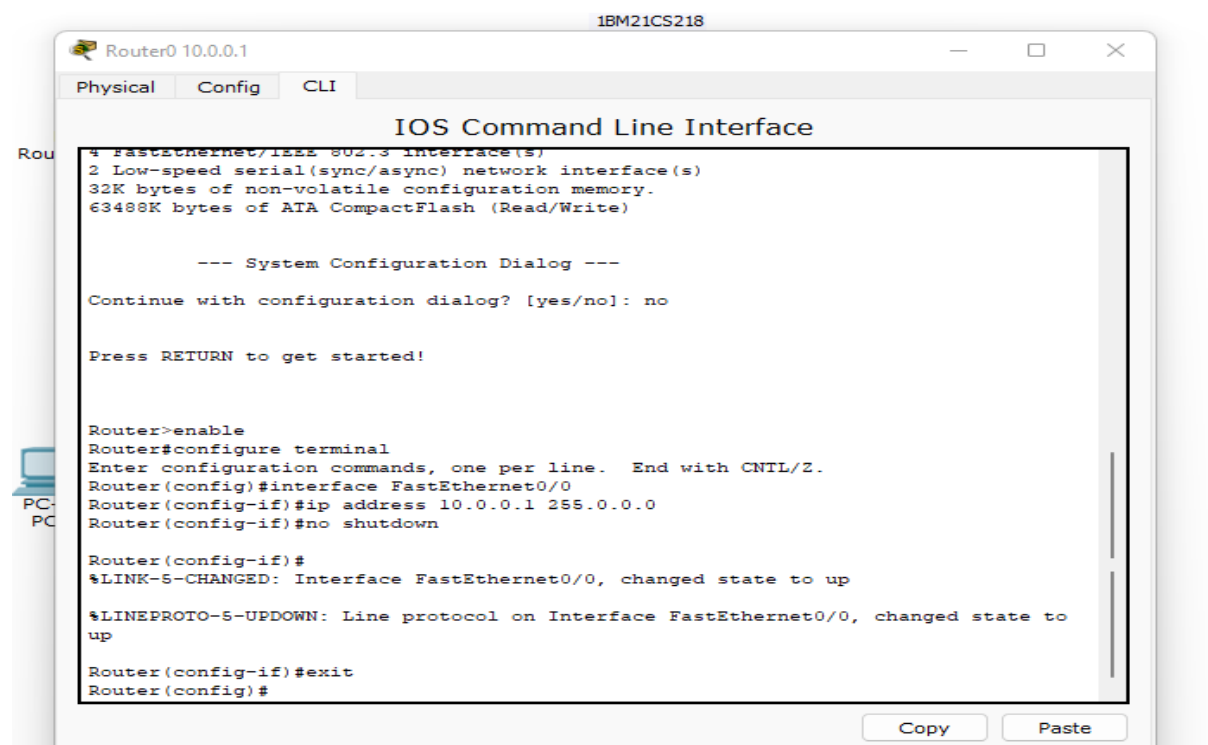
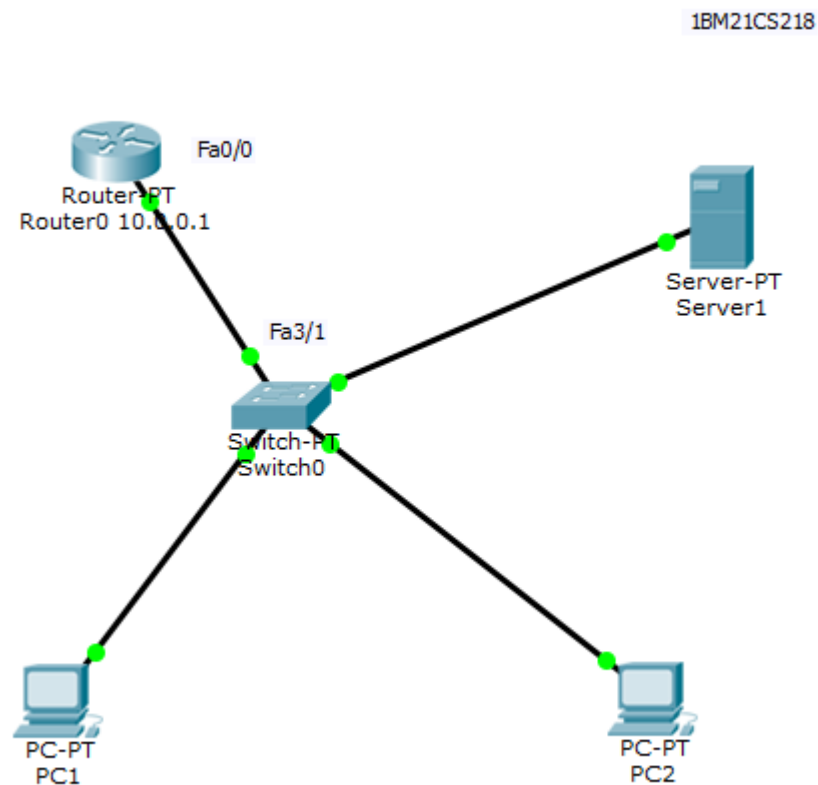
Address

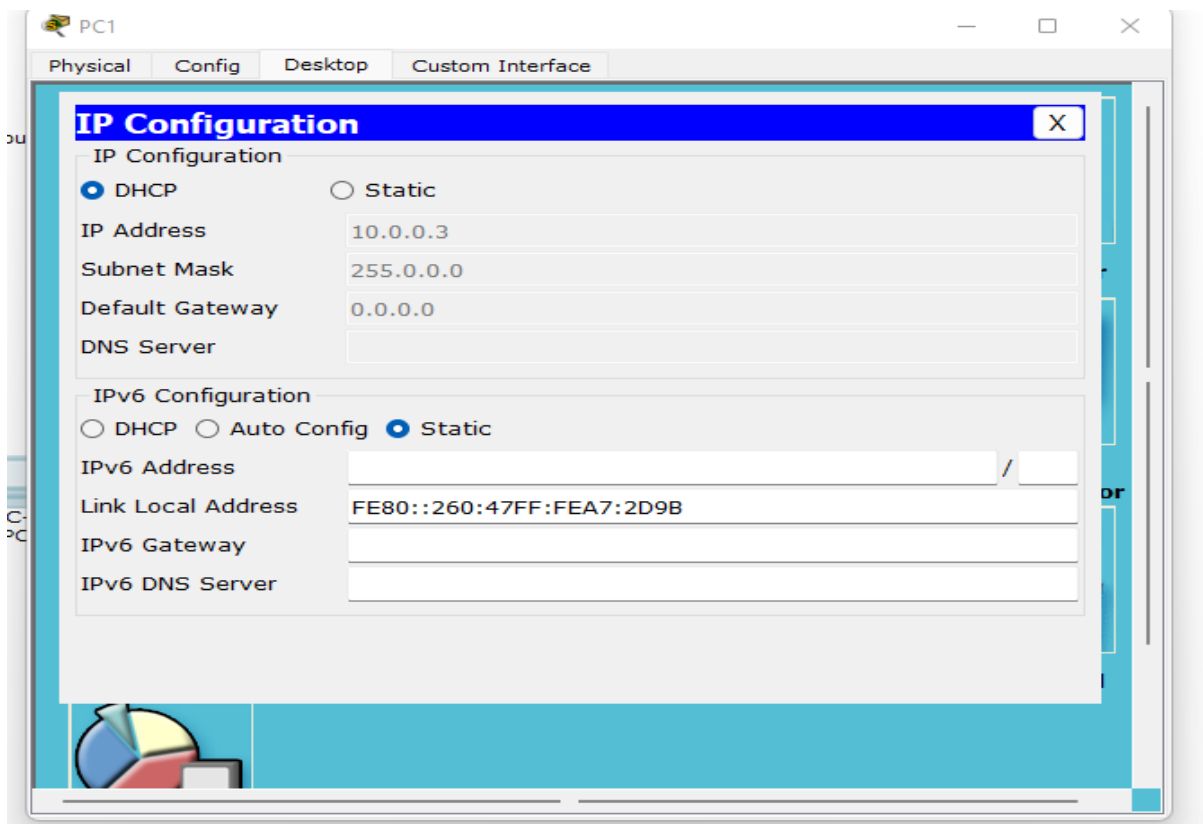
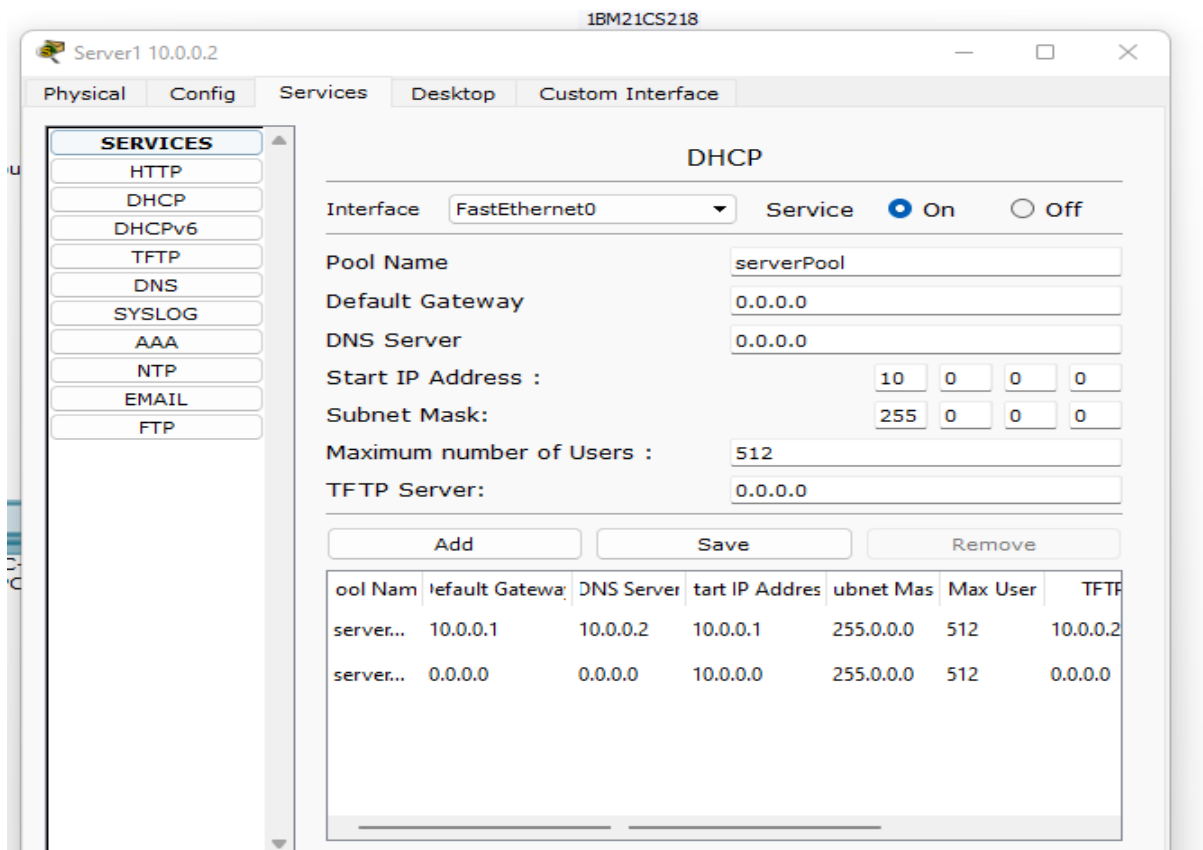
Add Save Remove

No.	Name	Type	Detail
0	www.cnlab.com	A Record	10.0.0.2

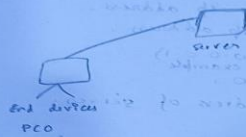


## 2.Configure DHCP within LAN:





③ Create a topology consisting of two end devices and one server.



\* nslookup command - to know the IP address of any domain.

step 1:- configure the IP address of end device.

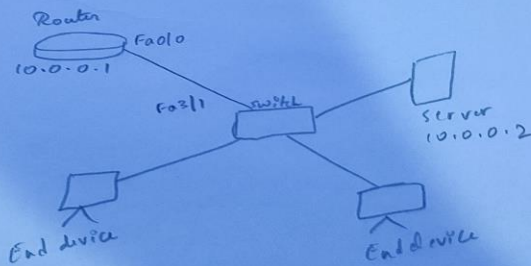
step 2:- configure IP address of server.

step 3:- Go to services by clicking on services, on the DNS option.

step 4:- Add the Name (website-name), address (IP address of server).

step 5:- Then go to end-device - Desktop → web browser enter the url there.

④ Configure DHCP within a LAN



Step 1:- Configure the Router

Step 2:- Configure IP address for server

Step 3:- Go to services on server, choose DHCP, & select ON.

Step 4:- Give default gateway as Router's IP address.

Step 5:- Give DNS server: server's IP address.

Step 6:- Give starting IP Address (10.0.0.1) example.

Step 7:- Give subnet Mask 255.0.0.0.

Step 8:- Give TFTP server:- IP address of server.

Step 9:- Add all the details.

Step 10:- Go to end device → Desktop → IP configuration → check on DHCP.