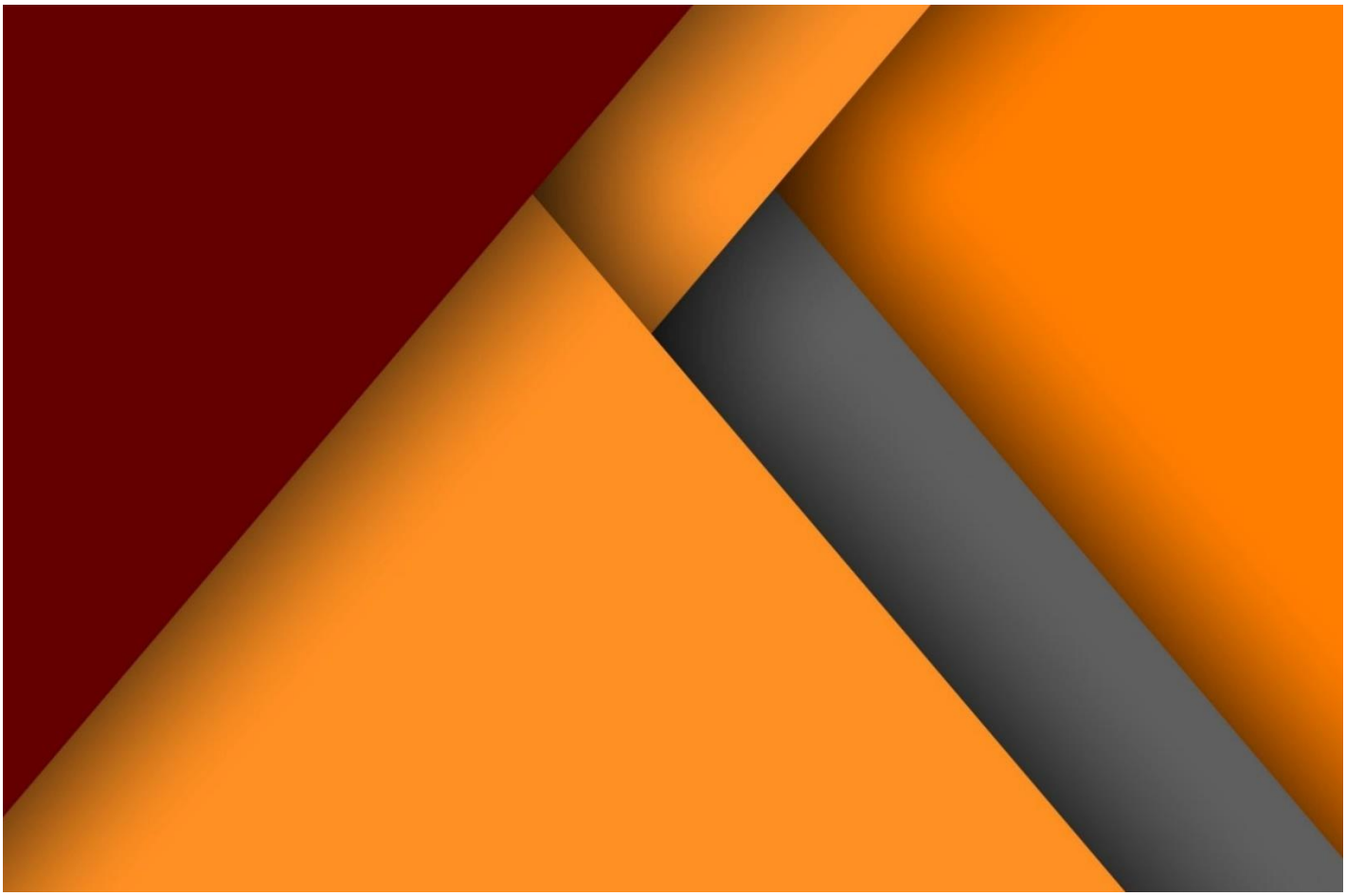


Computer Networks (Design Network of Case Study)

Assignment # 02

Section-S

Due: April 02, 2023

—

Mehmood ul Hassan

Course Instructor

Computer Networks

CS-3001

Group Members:

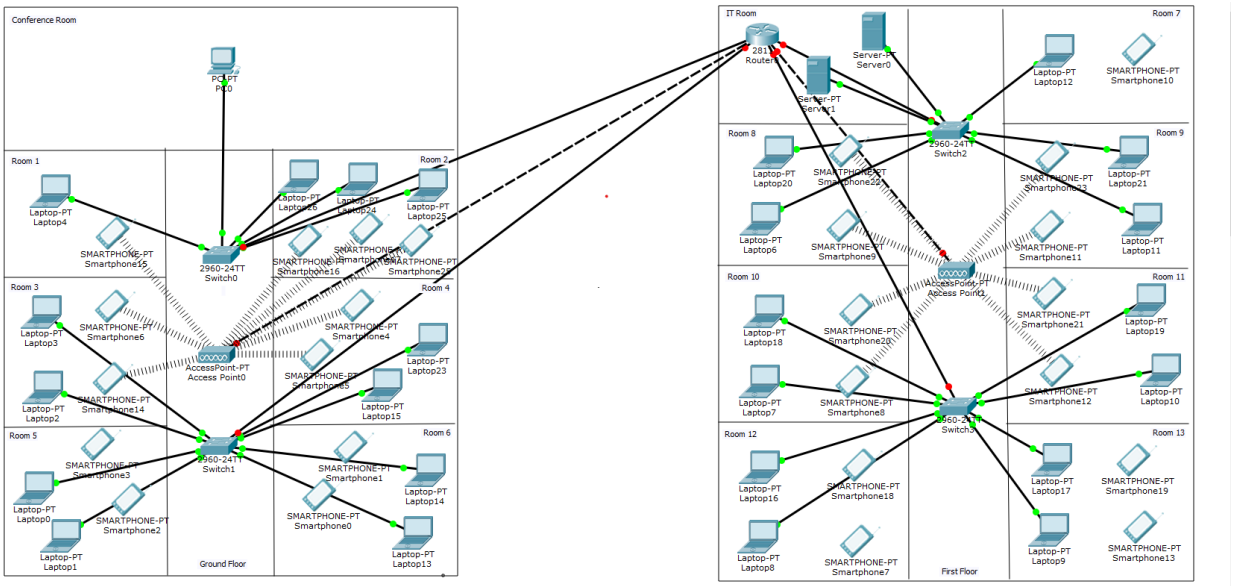
Zeeshan Ali
20i-2465

Ans Zeeshan
20i-0543

Assignment # 02

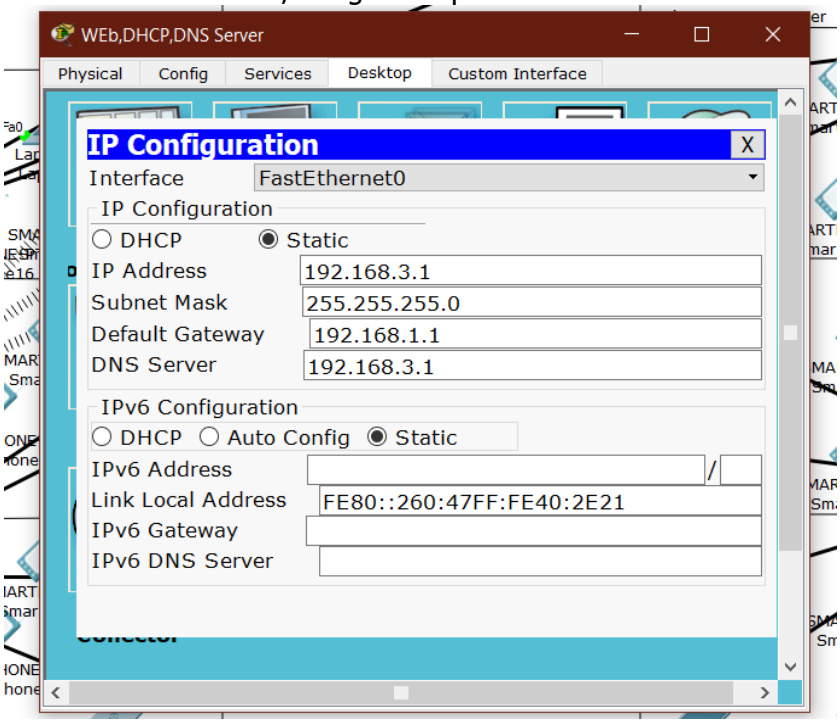
Network Design of previous case study:

Network Diagram of 25 Employees are:

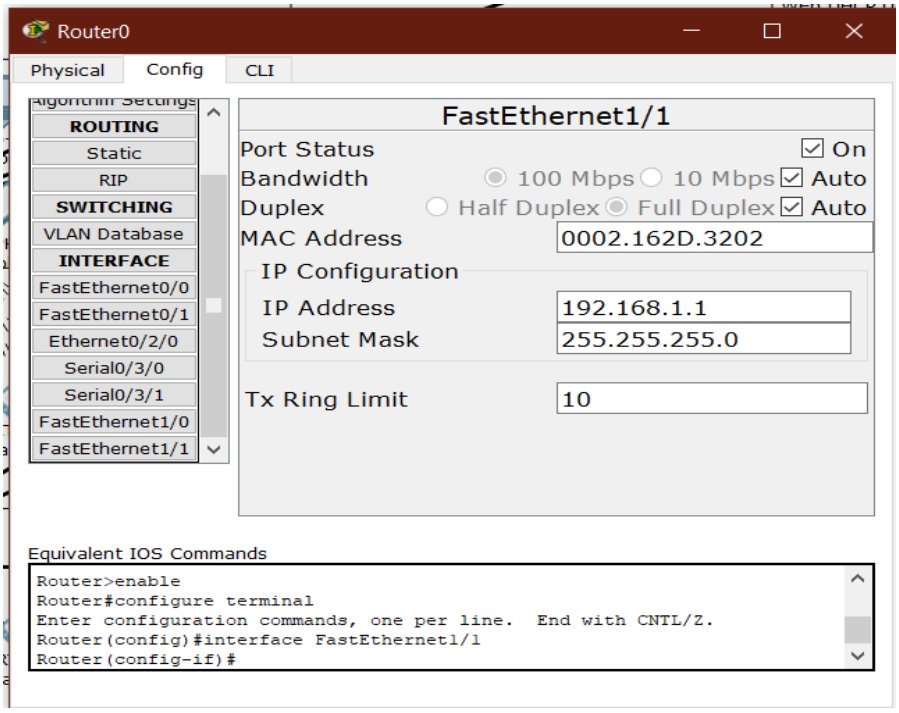


Task-1(DHCP):

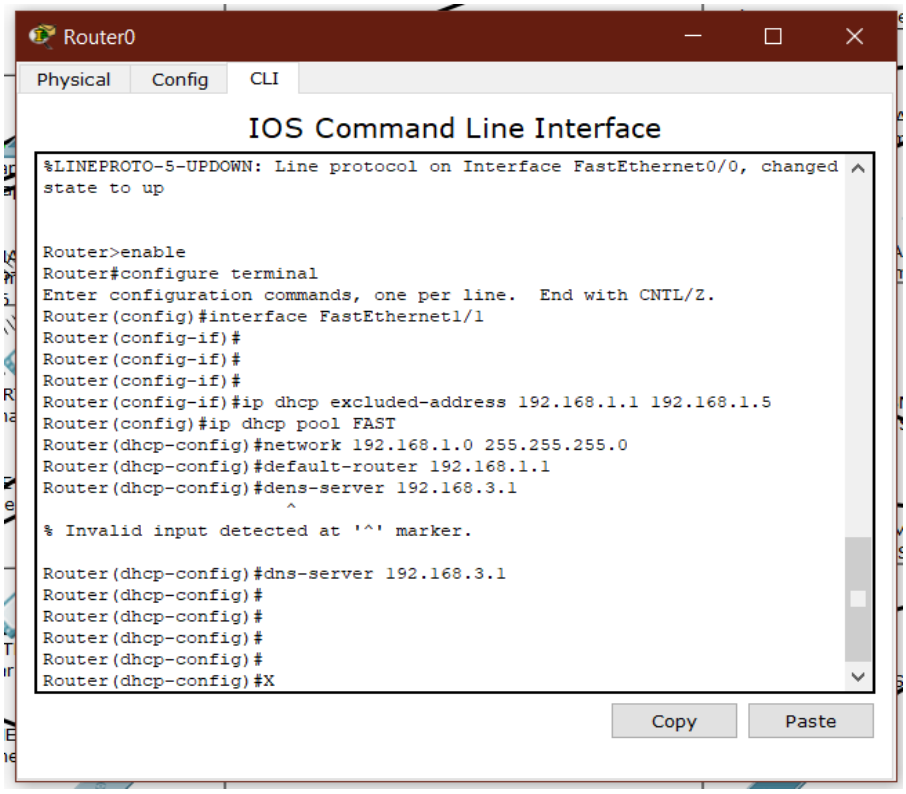
To apply the DHCP in the network, assign the Ip to the server.



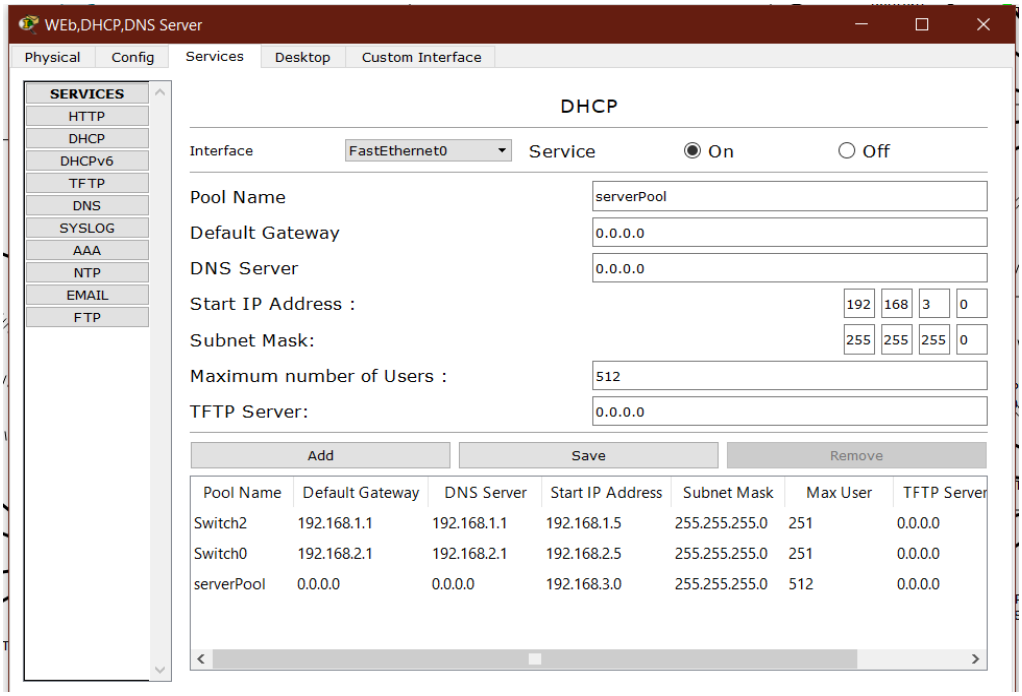
Now assigning the ip to the router, that is attached with the switch with such interface.



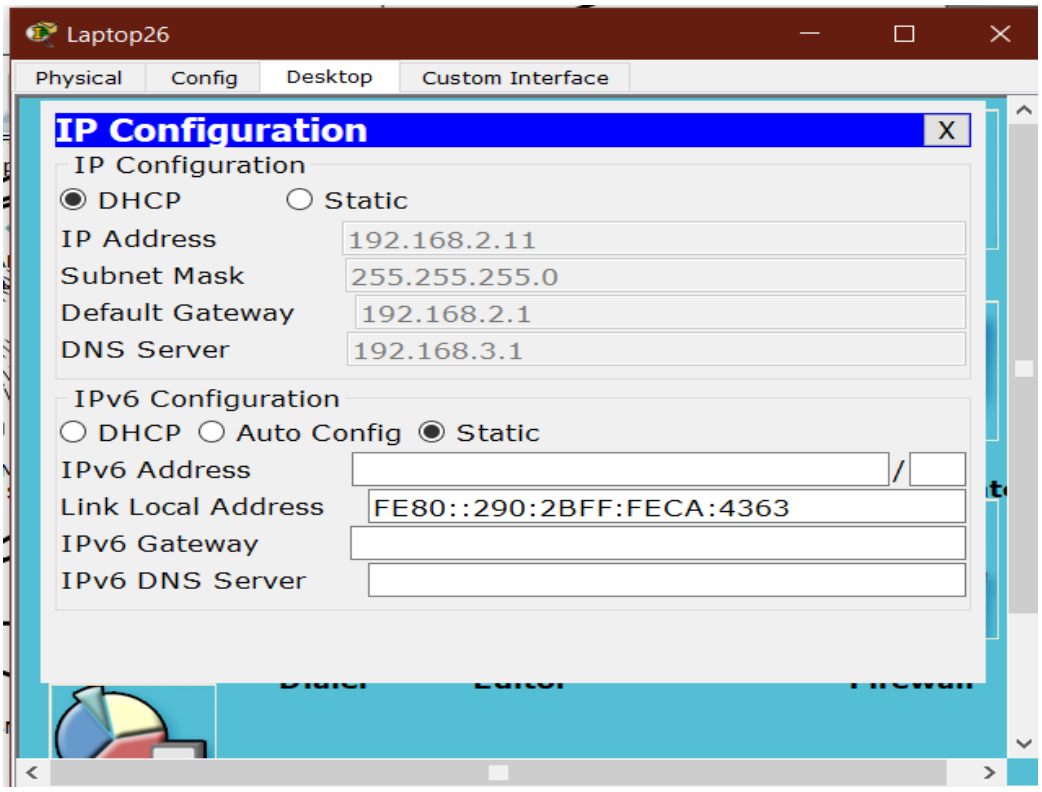
After assigning the ip to the router, now perform the dhcp using these commands.



After performing commands to both interfaces on which the switches are connected with routers. Now,
Add pools in the server, to do dhcp.

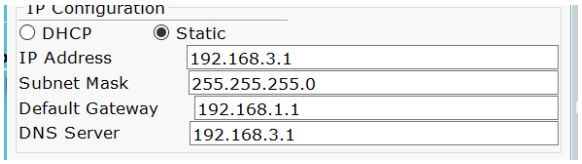


After this, the DHCP request is successful to all the Pc's, Laptop and servers.



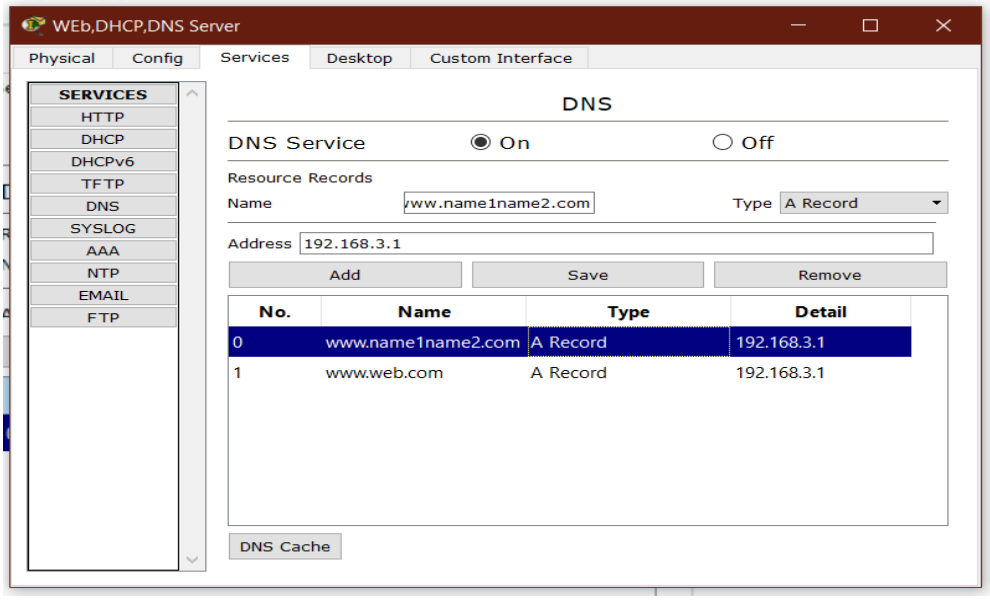
Task-2(DNS):

To apply the DNS in the network, assign the DNS-Server Ip to the server.



Now, adding the host name to the server with his ip, so that we can have easily access from all the pc's and laptop, to view the server data.

Host Name: www.name1name2.com
IP address: 192.168.3.1

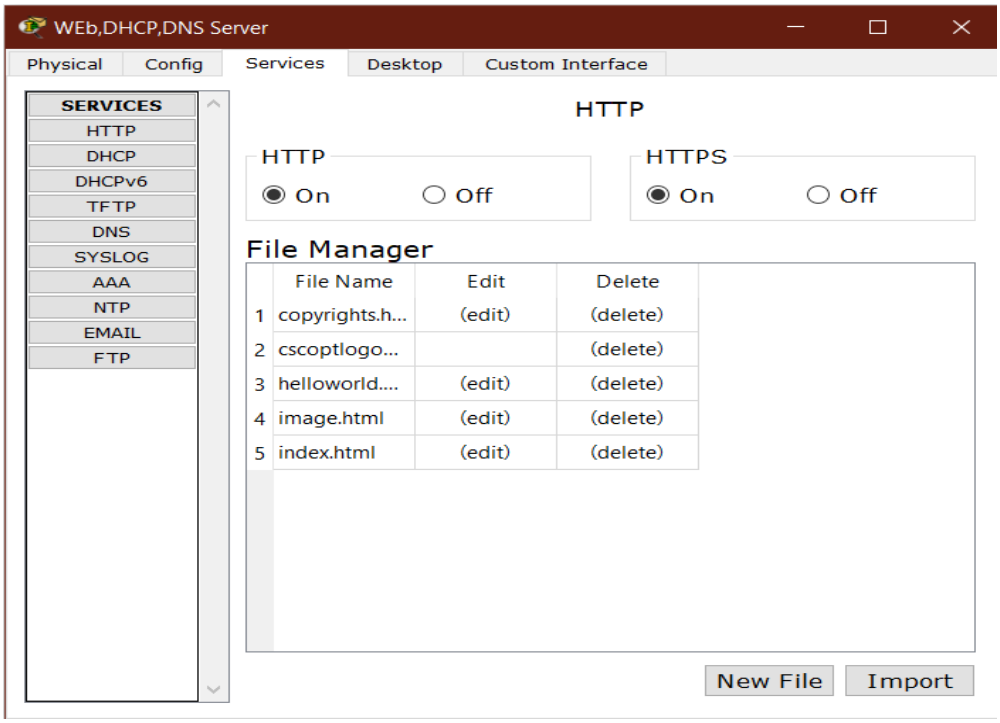


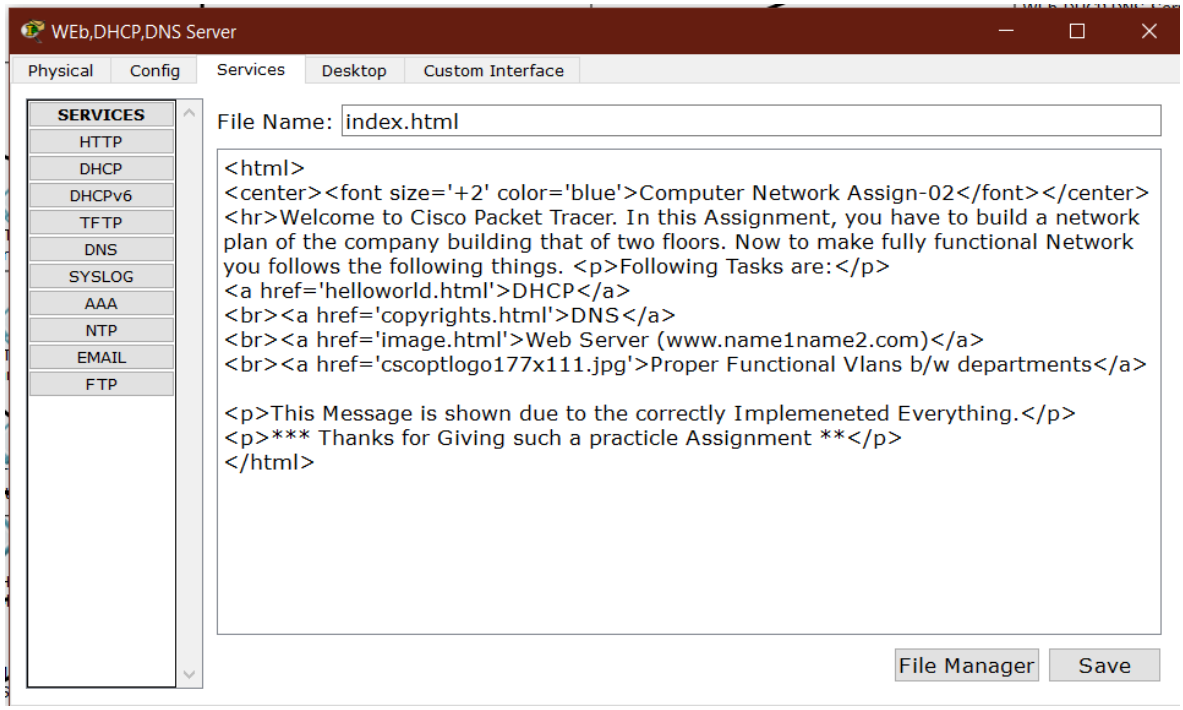
We have accessed the web server through the domain-server ip address. We can see all the data present on that server.

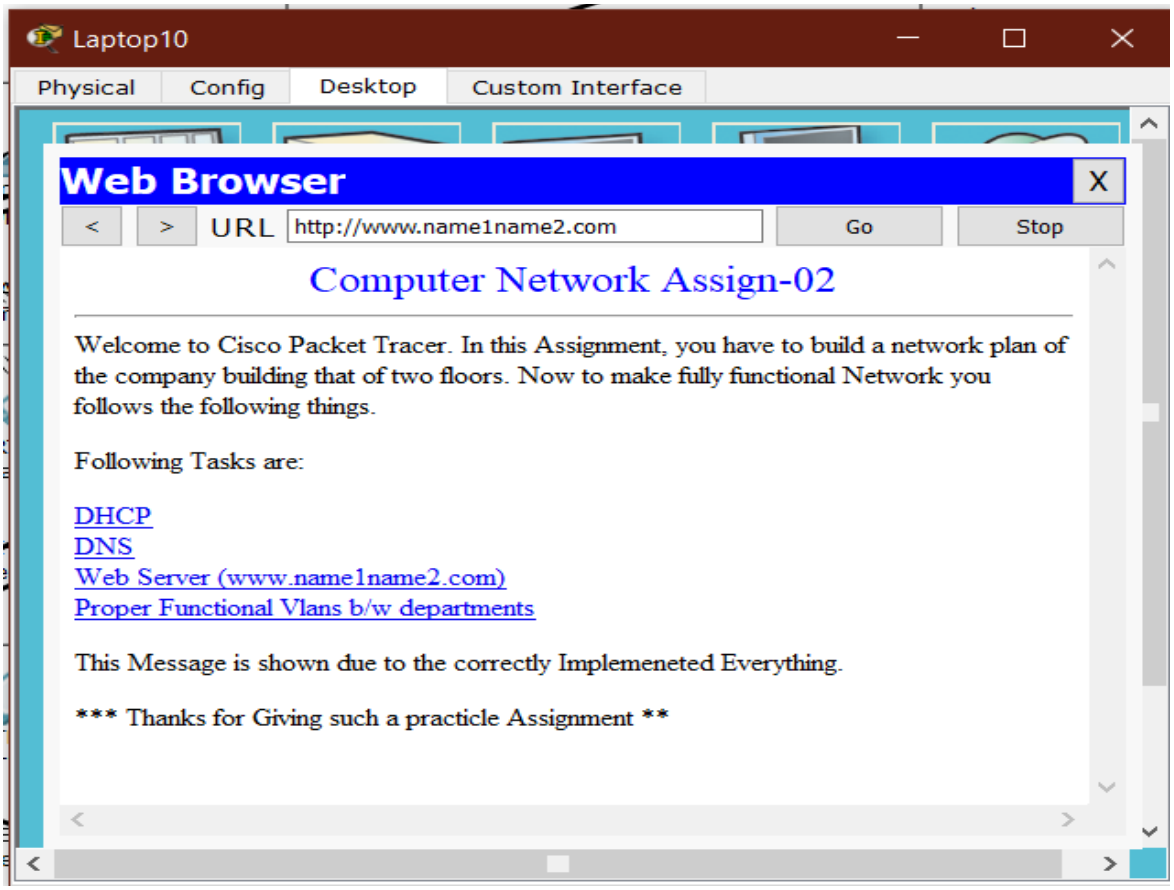
Task-3(Web Server):

Now, as above we assign the host ip as an domain name of that ip, which is so far called server name.

www.name1name2.com is the server name that we can access from every pc to get its data.







Task-4(Vlan between different departments):