

Genba Sopanrao Moze College of Engineering, Balewadi, Pune-45

Department of Electronics And Telecommunication

Academic year 2022_23

Roll No:

Subject: Control System Lab

Date :

Staff Sign:

Experiment no:-7

AIM: Executing Web server using simulator.

REQUIREMENT:

WINDOWS 10 with LAN Connectivity.

Software : Cisco Packet Tracer

Theory:

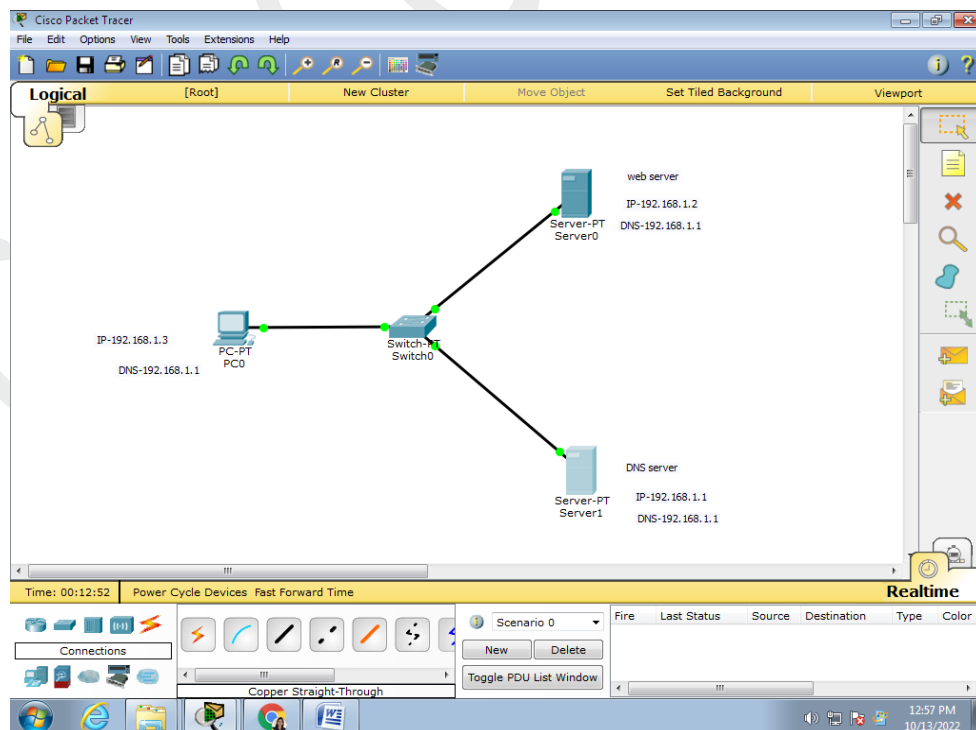
A web server is software and hardware that uses HTTP (Hypertext Transfer Protocol) and other protocols to respond to client requests made over the World Wide Web. The main job of a web server is to display website content through storing, processing and delivering webpages to users. Web server hardware is connected to the internet and allows data to be exchanged with other connected devices, while web server software controls how a user accesses hosted files. The web server process is an example of the client/server model. All computers that host websites must have web server software. Web servers are used in web hosting, or the hosting of data for websites and web-based applications -- or web applications.

Procedure:

- a. Design network by using router, computer and server
- b. Then assign IP address and gateway address to PC0
- c. Assign IP address, gateway address to DNS server
- d. Assign IP address to web server, gateway address
- e. Click on web server and select services, click on http then assign name GSMCOE
- f. Click on PC0 and enter DNS address and select DNS then type name www.gsmcoe.com, enter address of web server, click on add and then click on ON
- g. Click on PC0 and then click on simulation button on the right hand corner of the screen
- h. click on PC0, click on desktop then select web browser and type url "www.gsmcoe.com" and press Go
- i. Click on capture /play in simulation panel and check the results.
- j. Click on PC0, click on web browser and type IP address of web server in url and check results.

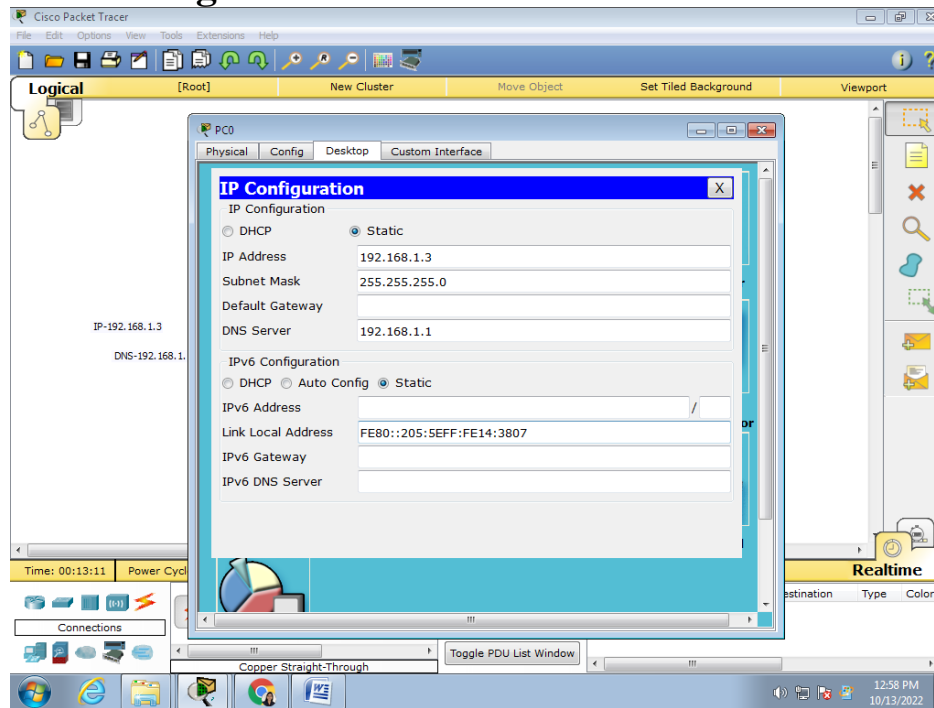
CONGIURATION USING PACKET TRACER:

Setup:

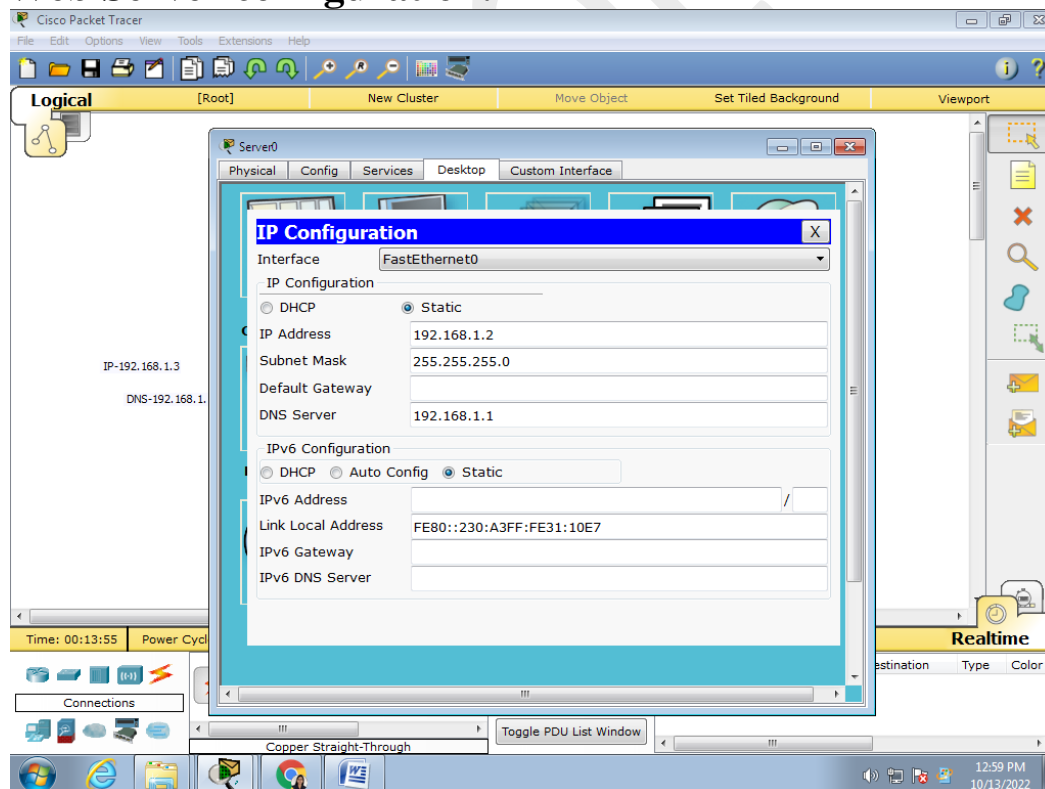


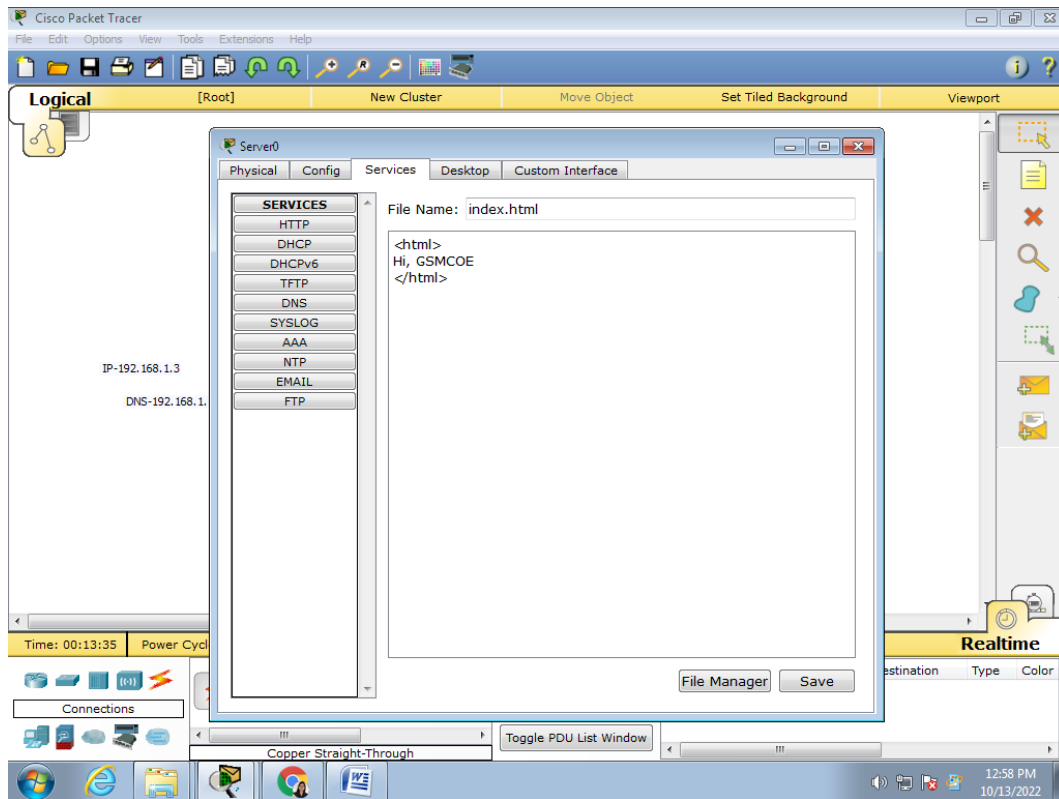
Result Printouts:

PC 0 configuration:

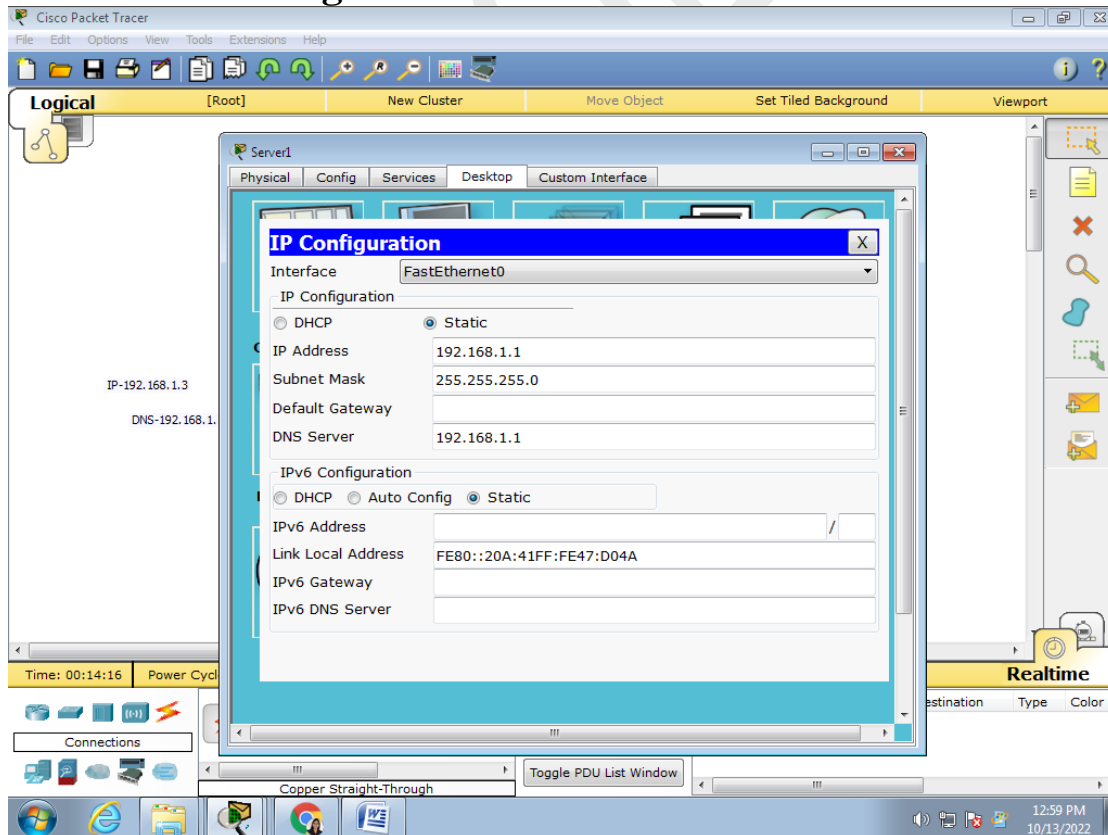


Web Server configuration:

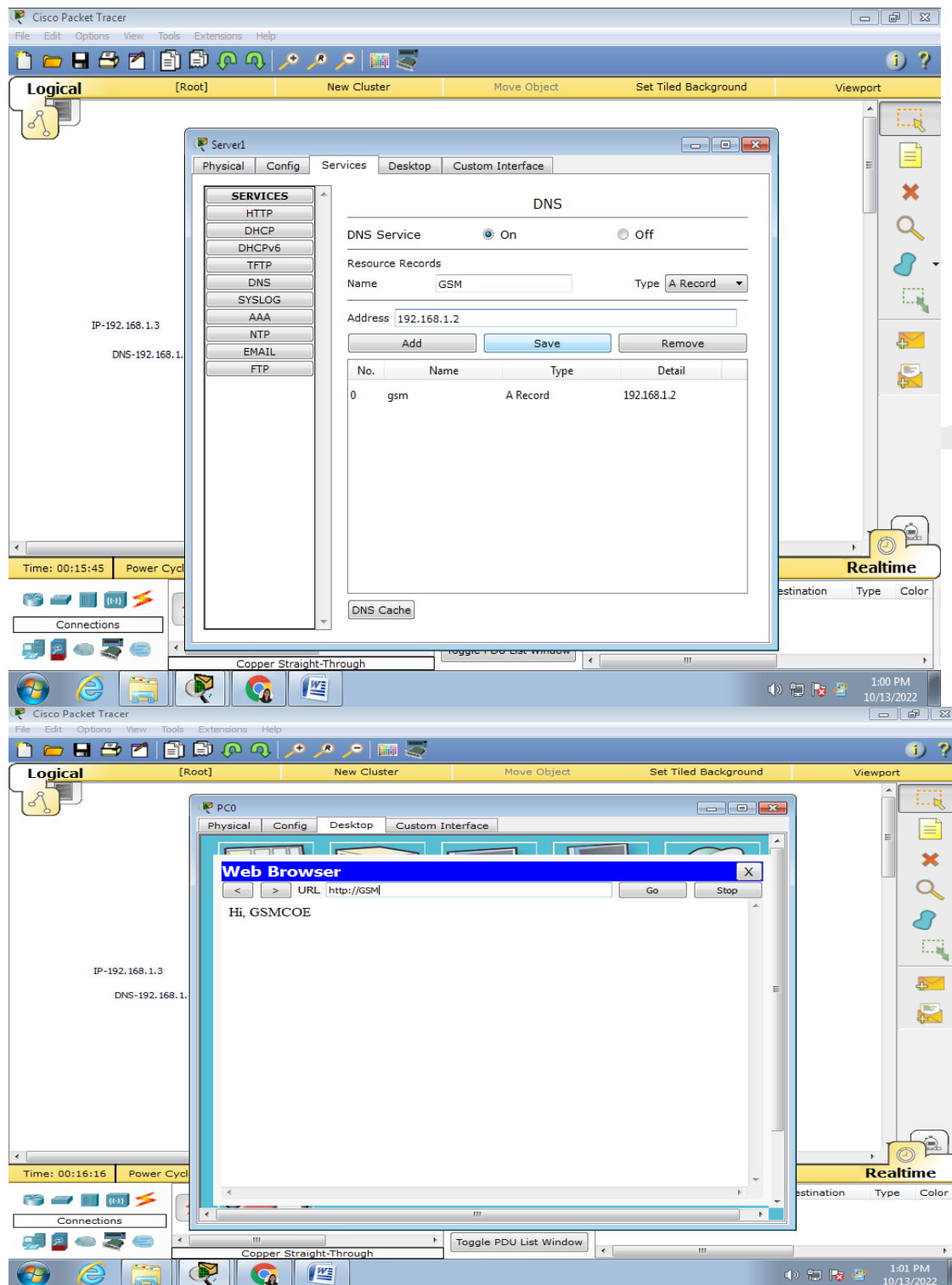




DNS Server configuration:



GSMCOE, E&TC



CONCLUSION:

GSMCOE, E&TC