WEEK 5

Configure Web Server, DNS within a LAN.

OBSERVATION:

20/7/23

Lab-5

AIM -
Configure Web server, DNS within a LAN.

TOPOLOGY -

Fa 1/0

Fa0/0

Switch-PT
Switch0

Fa,0

Fa0

Server-PT
Server-0

1-PC-PT
PC0

PROCEDURE -
- Connect a switch, PC and a server to form a LAN.
- Set PC's IP address by clicking on it and go to config tab. there in fast Ethernet option set IP address as 10.0.0.1 and Subnet mask.
- Set Server's IP address as 10.0.0.2 and subnest mask suspectively.
- Go to PC's Desktop and click on web browser, in the URL tab type 10.0.0.2. You will get a default display.
- To make a cv here, we need to make changes in server services.
- Go to Server → Services → HTTP → index.html. there create the cv and click on save
- Again go to PC → Desktop → webbrowser and type 10.0.0.2

- you will the cv or content that is changed.
- Next, go to server → services → DNS and switch on the services. Now add a Domain name and type the IP address as 10.0.0.2. Press add & save it.
- Again go back to PC → Desktop → webbrowser and type the given domain name. Here we can see the cv which had been created earlier.

OUTPUT:

Web browser

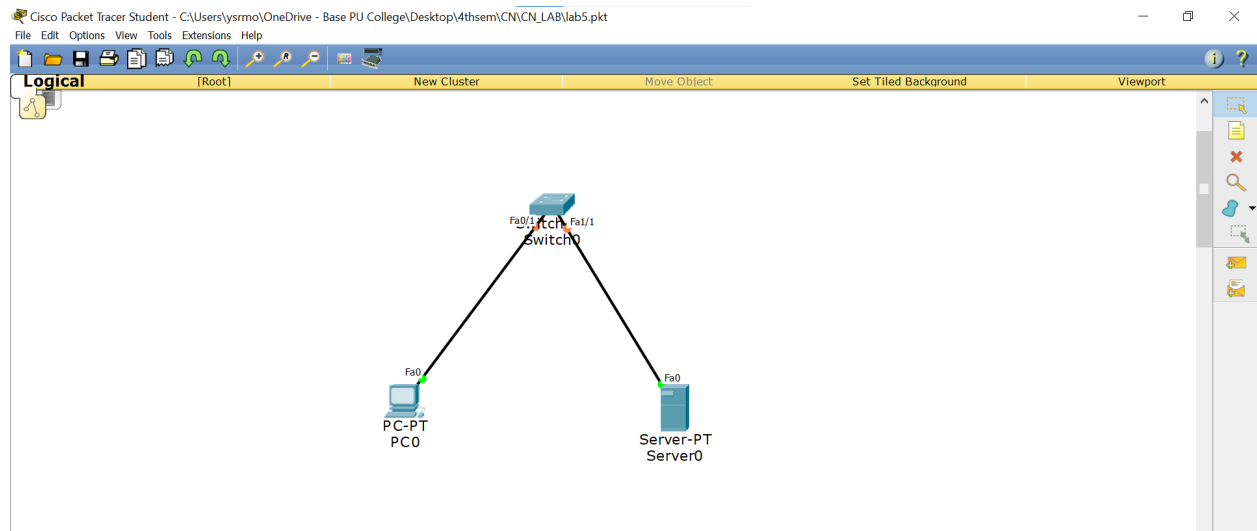| < | > | URL | http://gamana | | Go | Stop |

CV

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Image:

OBSERVATION:
- If you wanted to go to a certain website you would open web browser and type domain name of that website. or else you can also type the IP address instead if you know that website IP address.
- Since we can't remember IP addresses of all websites DNS server will search through its cache to find a matching IP address for that Domain name & when it finds it will resolve that domain name to IP address of website, once that is done then computer is able to communicate with a webserver & retrieve the webpage.

TOPOLOGY:

OUTPUT: