

WEEK 5

Configure Web Server, DNS within a LAN.

OBSERVATION:

2/7/23

Lab-5

AIM -
Configure Web server, DNS within a LAN.

TOPOLOGY -

```
graph TD
    Switch[Switch] ---|Fa0/0| PC[PC-PT PC0]
    Switch ---|Fa0/1| Server[Server-PT Server0]
```

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 is 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 subnet mask respectively.
- 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 website, we need to make changes in server services.
- Go to server → Services → HTTP → index.HTML. Here create the CV and click on save.
- Again go to PC-Desktop → web-browser and type 10.0.0.2.

- you will the CV or content that is changed.
- Next goto server → Services → DNS and switch on the services. Now add a Domain name and type the IP address 10.0.0.2 then add & save it.
 - Again Go back to PC → Desktop → web browser and type the given domain name. then we can see the CV which had been created earlier.

OUTPUT:

Web browser

⏪ ⏩ URL http://gagandeep [Go] [Stop]

CV

Gagandeep.k

USN : IBM21CS064

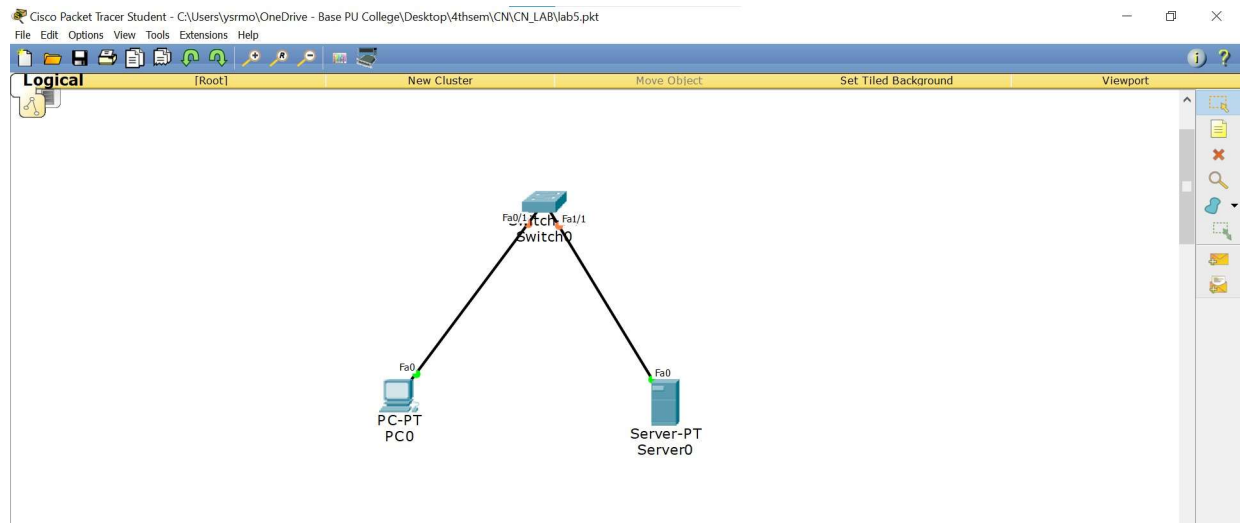
language : C/C++/java

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's 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, the computer is able to communicate with a webserver & retrieve the.

TOPOLOGY:



OUTPUT:

