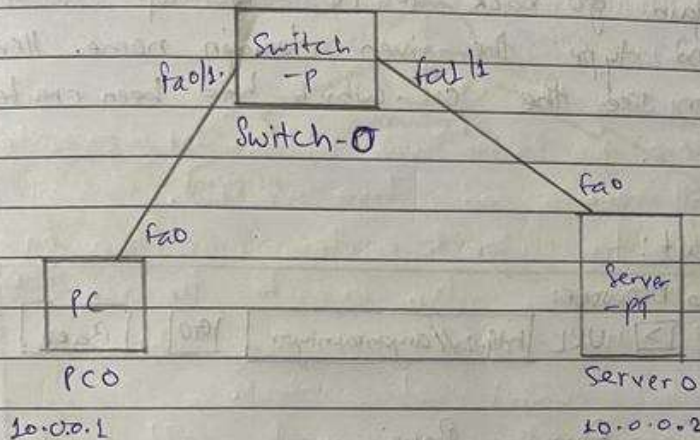Experiment : 5

Aim: Configure web Server, DNS within a LAN.

Topology:

Procedure:
1.) Connect a switch, PC and Server to form a LAN.
2.) Set PC's IP address by clicking on it and go to config tab. There in fastethernet option set IP address as 10.0.0.1 and subnet mark.
3.) Set server's IP address as 10.0.0.2 and subnet mark respectively.
4.) 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.
5.) To make a CV here, we need to make changes in server services.
6.) Go to Server ⟶ Services → HTTP → index.html → edit. Here create the "Aryan Rauniyar" and click on save.
7.) Again go to PC → desktop → web browser and type 10.0.0.2. You will see Aryan Rauniyar

or the content that is changed.

8.> Next, go to Server → Services → DNS and switch on the services. Now add a Domain name and type the ip address as 100.0.0.2. Add and save it.

9.) Again go back to PC → desktop → web browser and type the given domain name. Here we can see the cv. which had been created earlier.

Result :

Web browser :

◁ ▷ URL | http://aryanrauniyar | | GO | | Back |

Aryan Rauniyar

Name : Aryan Rauniyar
D. O. B : 30 /08/ 2001
USN : 1BM21CS034

Image :

Observation :

1) 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.

2.> Since we can't remember IP address of all wobsites 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 & retrive the webpage.