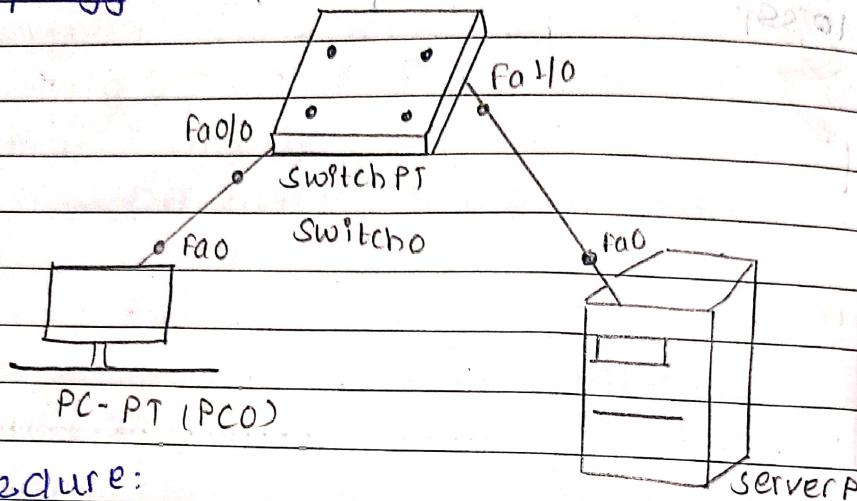


Configure Web server, DNS within a LAN.

Aim : Configure web server, DNS within a LAN.

Topology :



Procedure:

1. Connect a switch, PC and a server to form a LAN.
2. Set PC's IP address by checking on it and go to config, there in fastethernet option set IP address as 10.0.0.1 and subnet mask.
3. Set servers IP address as 10.0.0.2 and subnet mask 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. There create the CV and click on save.
7. Again go to PC → Desktop → webbrowser and type 10.0.0.2 you will see the CV or content that is changed.
8. Next, go to server → Services → DNS and switch on IP address as 10.0.0.2. Press add and save it.
9. Again go back to PC → desktop → webbrowser for

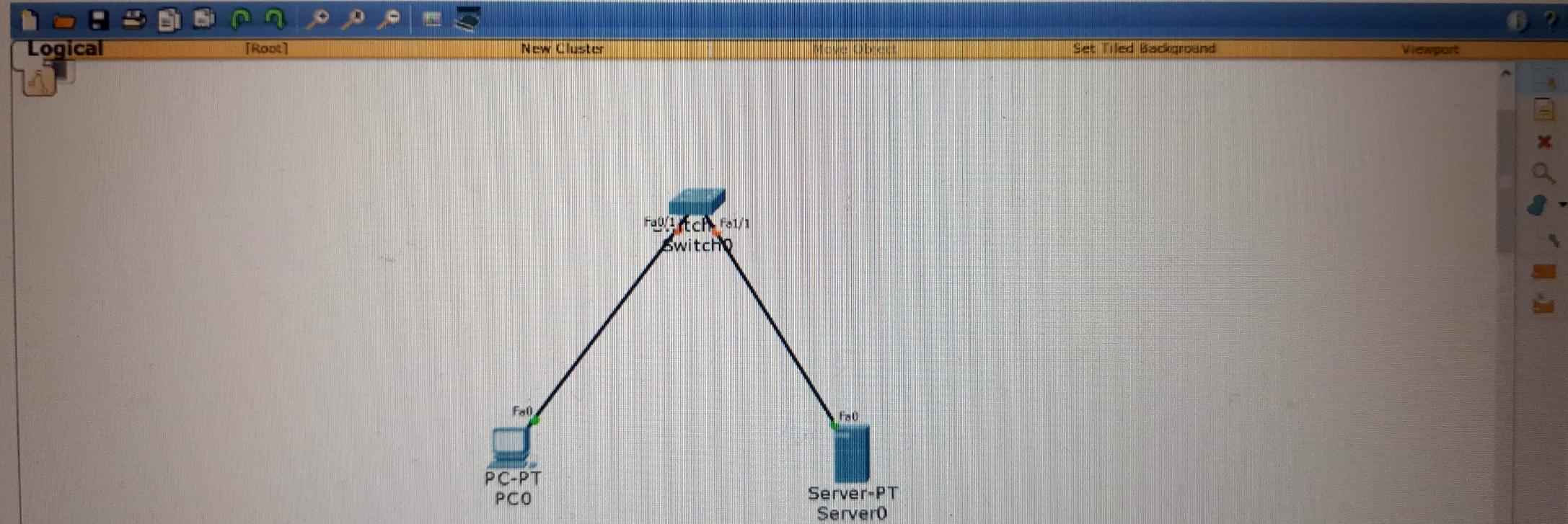
type the given domain name. Here we can see the CV which had been created earlier.

Output

| web browser | URL | http://dikshyaCV | go | stop |
|-----------------------|-----|------------------|----|------|
| CV | | | | |
| Name: Dikshya Aryal | | | | |
| USN: IBM21CS058 | | | | |
| Languages: C/Java/PHP | | | | |
| Image: | | | | |

Observation:

1. If you wanted to go to a certain website you would open web browser at and type domain name of that website or else you can go also type the IP address instead of you know that website IP address.
2. Since we can't remember IP address of all websites DNS server will search through its cache to find a matching IP address for that domain name & when it finds a matching IP address 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.



Web Browser



URL

http://dikshya

Go

Stop

Curiculum Vitae



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