

1/10/24

EXERCISE 10b

Routers

Aim:

To design and configure an internet network using wireless router DHCP server & internet cloud.

Procedure:

1. Arrange the PC & Laptop in the perge
2. Assign IP address

Server - 10.0.0.1

↳ services → DHCP → default gateway .10.0.0.1
→ service - on

PC0

- Desktop - DHCP ☉

Laptop 0

- Desktop - DHCP ☉

PC1

- Desktop - DHCP ☉

Laptop 1

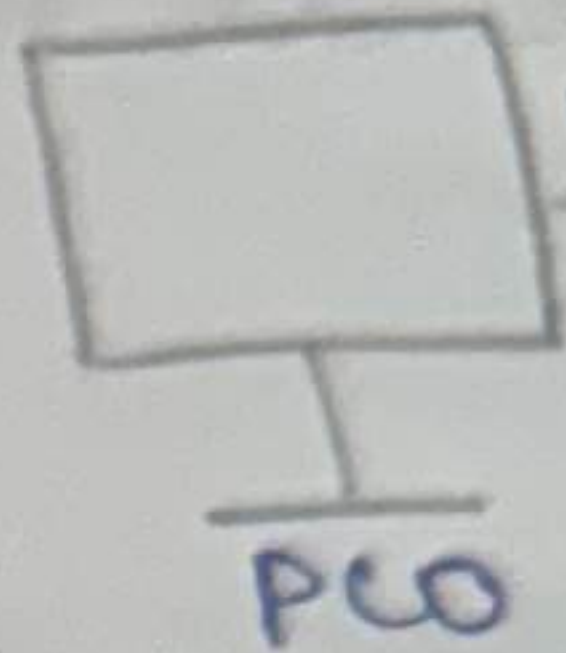
- Desktop - DHCP ☉

PC2

- Desktop - DHCP ☉

Now ping from PCs to Server

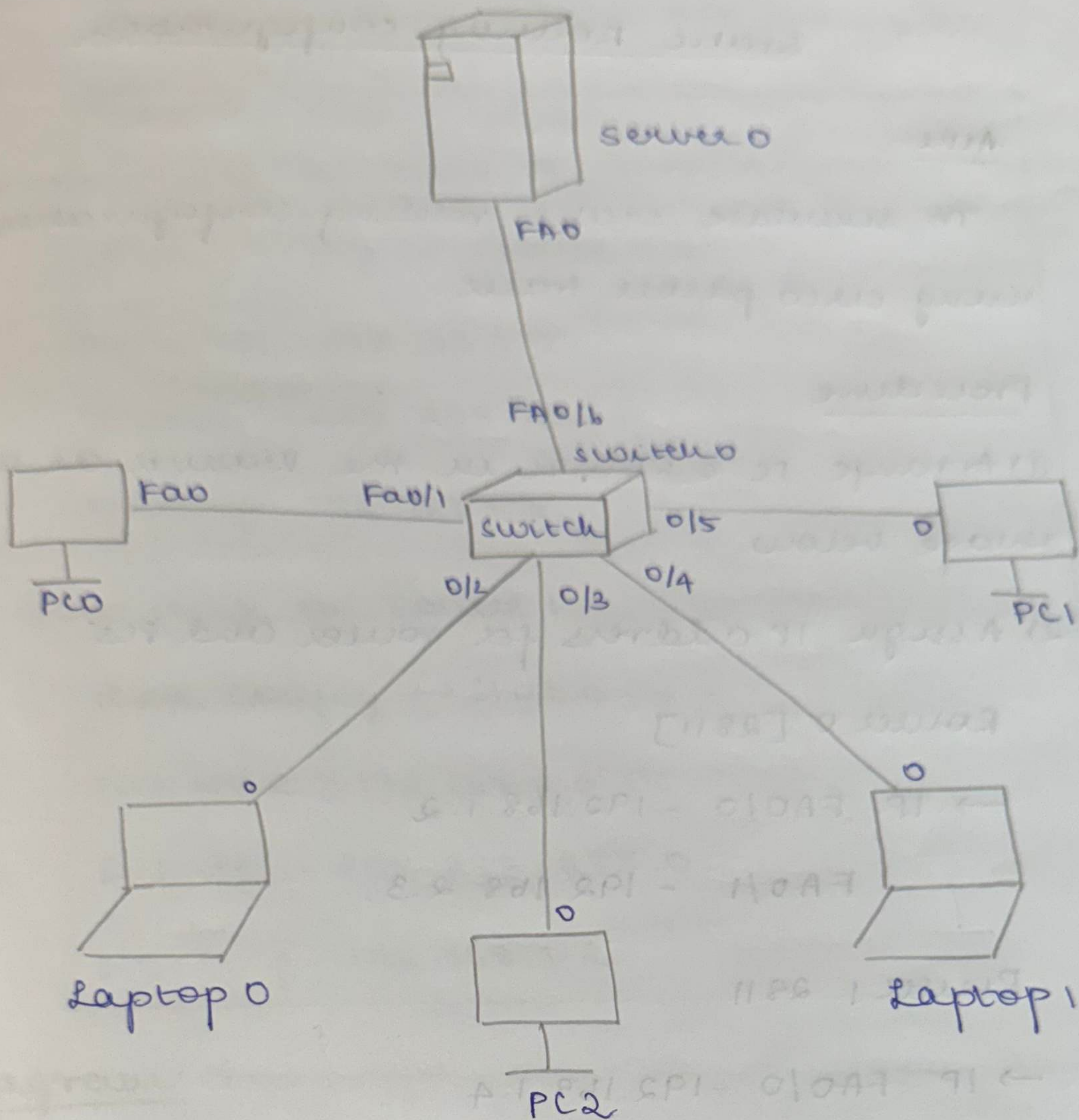
Diagram:



output

[Handwritten signature]

Diagram:



output: Ping Laptop0 to PC2

Event list		
Vis	Time (sec)	Last Device
	0.000	--
	0.001	Laptop0
	0.002	switch0
	0.003	PC2
	0.004	switch0
visible	0.004	--

Result:

Thus the configuration of DHCP has been successfully executed.