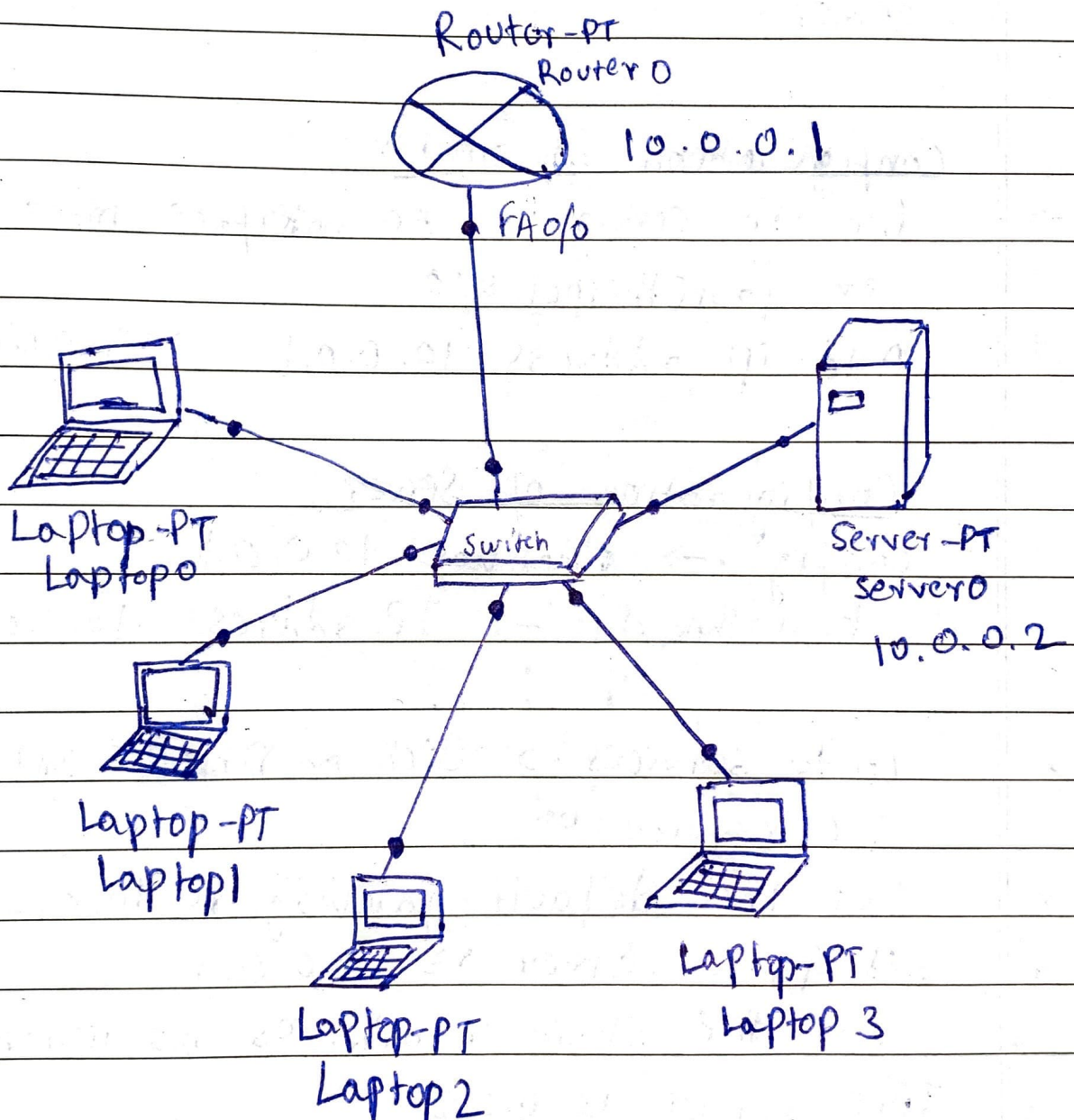


Lab 6Configuring DHCP within a LAN in a packet tracer

- * Create a topology of n end devices, 1 switch 1 router and a server
- * Connect the switch to the n end devices
- * Connect the switch to the router and a server.

Configuration of router

- Go to config, in the interface menu click on fastethernet 0/0
- Add ip address 10.0.0.1 255.0.0.0

Configuration of Server

config → Gateway 10.0.0.1

FastEthernet0 → IP address 10.0.0.2

- * Go to services → Click on DHCP and turn the service on
- * Set the default gateway as 10.0.0.1
- * Set DNS server as 10.0.0.2
- * Set the start IP address as 10.0.0.3
- * TFTP server: 10.0.0.2
- Save and exit

End Device Configuration

Click on end device → Go to Desktop

Go to IP Config → change IP Config from static to DHCP

Observation

The IP address gets assigned dynamically.

R
8/12/22