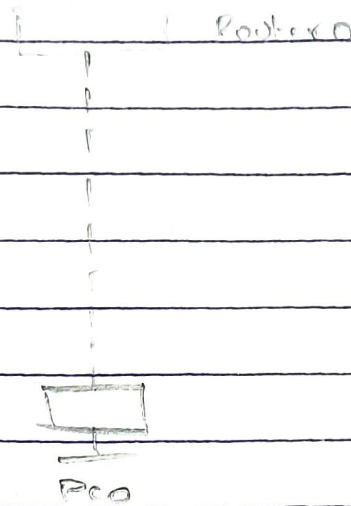Objective:-

To understand the operation of TELNET by accessing the router to server room from a PC in LT Office

Topology

Router0

Pc0
10.0.0.1
Gw 10.0.0.2

Experiment

→ Place an enddevice and a router and connect them using a copper crossover wire and assign the IP address as show in fig

→ In router 0:

config. terminal
hostname R1
enable secret P1
Interface fa 0/0
ip address 10.0.0.1 250.0.0.0
no shut
line vty 0.5
login
Password P0
exit
> exit
W r

In "PC0":
1. Ping 10.0.0.1
2. Now to access the router from PC0
3. telnet 10.0.0.2
4. User Access verification
5. Password P0
6. enable
7. Password P1
8. Show IP route

Observation's

→ Two Passwords are given while configuring the router one being the secret key for the router and other being the Password for login & corresponding access

→ The Password entered in the router are used in reverse order here i.e the user has to login first to verify access via P0 & then obtain router access with secrets Key P1

→ Hence the admin in PC is able to run command as run in main router CCT and see the result from PC