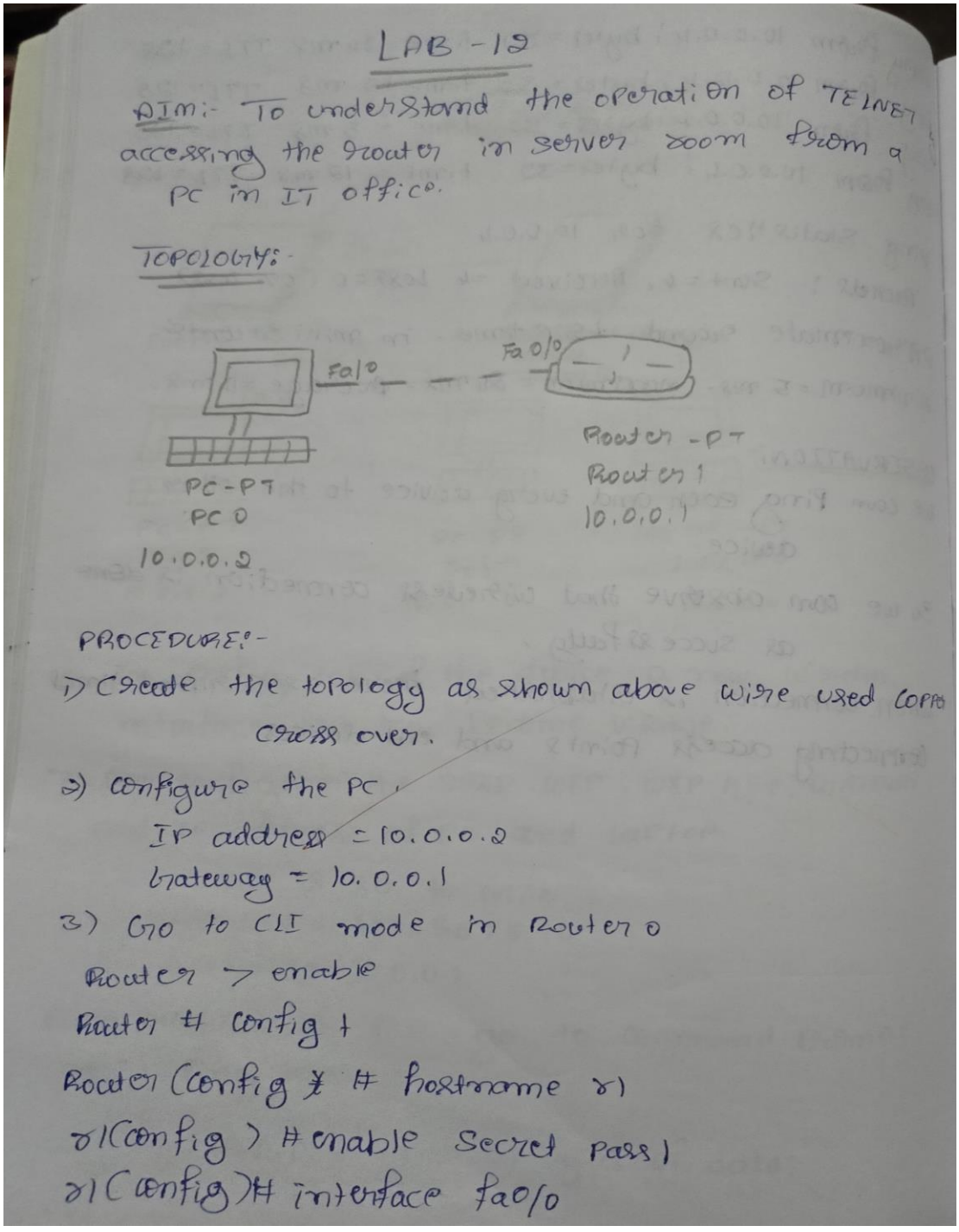
LAB 12

To understand the operation of TELNET by accessing the router in server room from a PC in IT office.

OBSERVATION:



LAB - 12

AIM:- To understand the operation of TELNET accessing the router in server room from a PC in IT office.

TOPOLOGY:-

PROCEDURE:-

1) Create the topology as shown above wire used copper cross over.

2) Configure the PC.
   IP address = 10.0.0.2
   Gateway = 10.0.0.1

3) Go to CLI mode in Router 0
   Router > enable
   Router # config t
   Router (config) # hostname r1
   r1(config) # enable secret pass1
   r1(config)# interface fa0/0

R1(config)# ipaddress 10.0.0.1 255.0.0.0
R1(config-if)# no shut
R1(config-if)# line vty 0 5
R1(config-line)# login
R1(config-line)# Password Pass 0
R1(config-line)# exit
R1# wr

PING OUTPUT in PC0

we can successfully ping 10.0.0.1 from

PC> telnet 10.0.0.1

Trying 10.0.0.1 ... open

User Access Verification.

Password : Pass 0

R1> enable

Password : Pass 1

R1# Show IP route

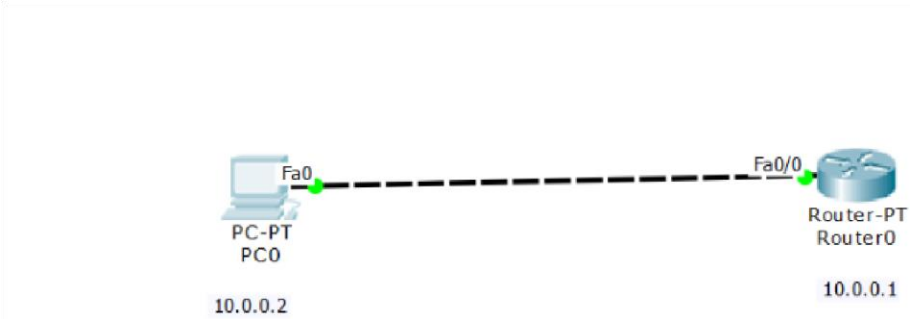
C 10.0.0.0/8 is directly connected, Fast Ethernet 0/0

OBSERVATION:-

we can observe that the admin in PC is able to run commands as run in router in CLI and see the result from the PC.

So with the help of TELNET, we can access the router in server room from a PC.

TOPOLOGY:



OUTPUT: