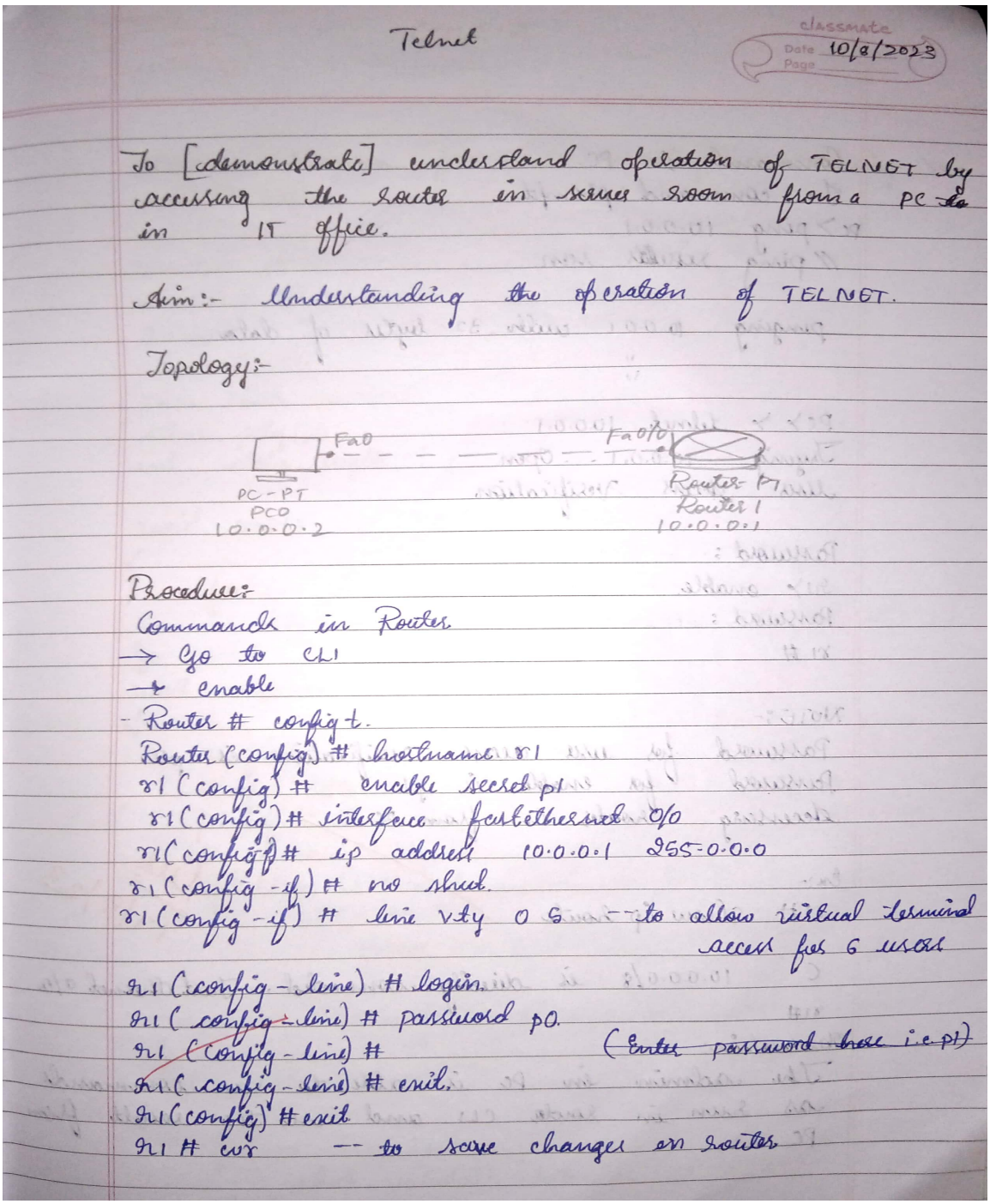
WEEK 12

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

OBSERVATION:



Telnet

classmate Date 10/8/2023 Page

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

Aim:- Understanding the operation of TELNET.

Topology:-

Procedure:

Commands in Router.

→ Go to CLI

→ enable

- Router # config t.

Router(config) # hostname r1

r1(config) # enable secret p1

r1(config) # interface fastethernet 0/0

r1(config-if) # ip address 10.0.0.1 255.0.0.0

r1(config-if) # no shut.

r1(config-if) # line vty 0 5 -- to allow virtual terminal access for 6 users

r1(config-line) # login.

r1(config-line) # password p0.

r1(config-line) # (Enter password here i.e. p1)

r1(config-line) # exit.

r1(config) # exit

r1 # cw -- to save changes on router

Commands in PC.
In command prompt.

PC> ping 10.0.0.1
// ping results seen.

pinging 10.0.0.1 with 32 bytes of data.

PC> > telnet 10.0.0.1
Trying 10.0.0.1 ... Open
User access Verification

Password :
R1> enable
Password :
R1#

NOTE :-
Password for user access verification is p0.
Password for enable is p1
Accessing router CLI from PC

Ex:-
R1# show ip route

C 10.0.0.0/8 is directly connected, Fast Ethernet 0/0.
R1#

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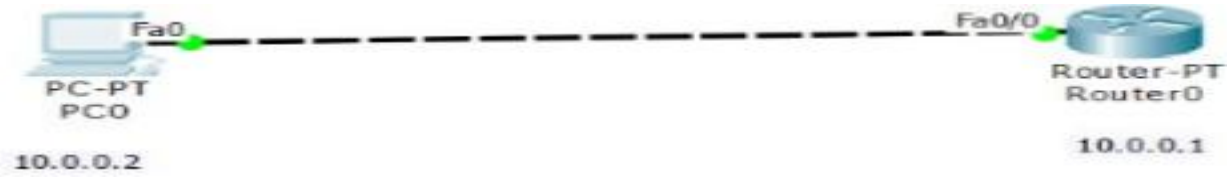
Observation:
The admin in PC is able to run commands as run in router CLI and see the result from PC.

TOPOLOGY:



OUTPUT