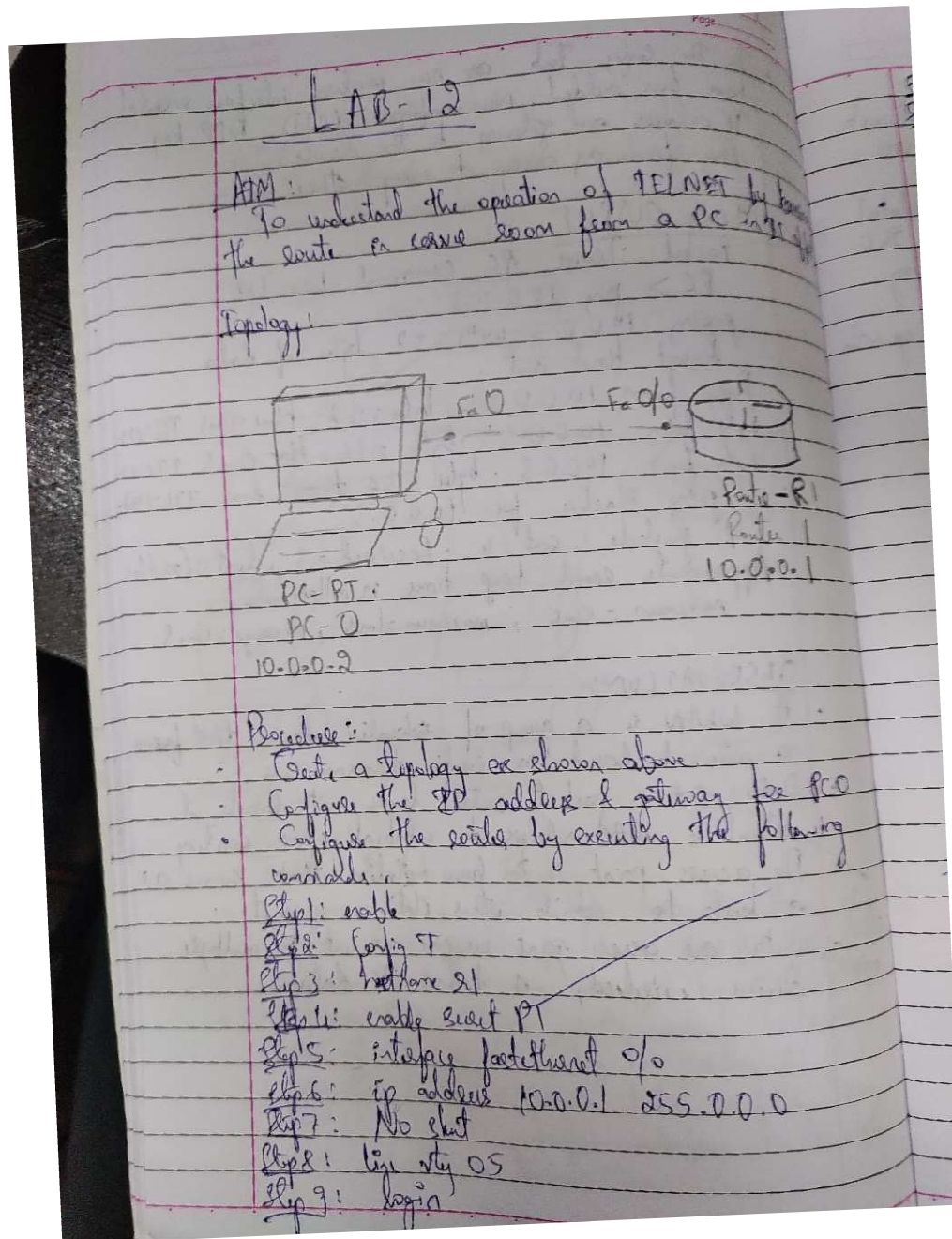# WEEK 12

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

OBSERVATION:

Step 10: password pro
Step 11: Exit : Exit
Step 12: WS

Ping message to route
Password for user Access verification is pw
password for enable is P1
Accessing Router CLI from PC
show IP route.

PPPoE output:
Packet tracer PC command line 1.0
PC> ping 10.0.0.1
pinging 10.0.0.1 with 32 bytes of data

Reply from 10.0.0.1 : bytes 32 time =0ms TTL=255
Reply from 10.0.0.1 : bytes 32 time=0ms TTL=255
Reply from 10.0.0.1 : bytes 32 time=0ms TTL=255
Reply from 10.0.0.1 : bytes 32 time=0ms TTL=255

Ping statistics for 10.0.0.1:
Packet sent=4, Received, Lost =0 (0% loss)
Approximate round trip time in milliseconds
Minimum =0ms , Maximum =0ms Average = 0ms

PC> telnet 10.0.0.1
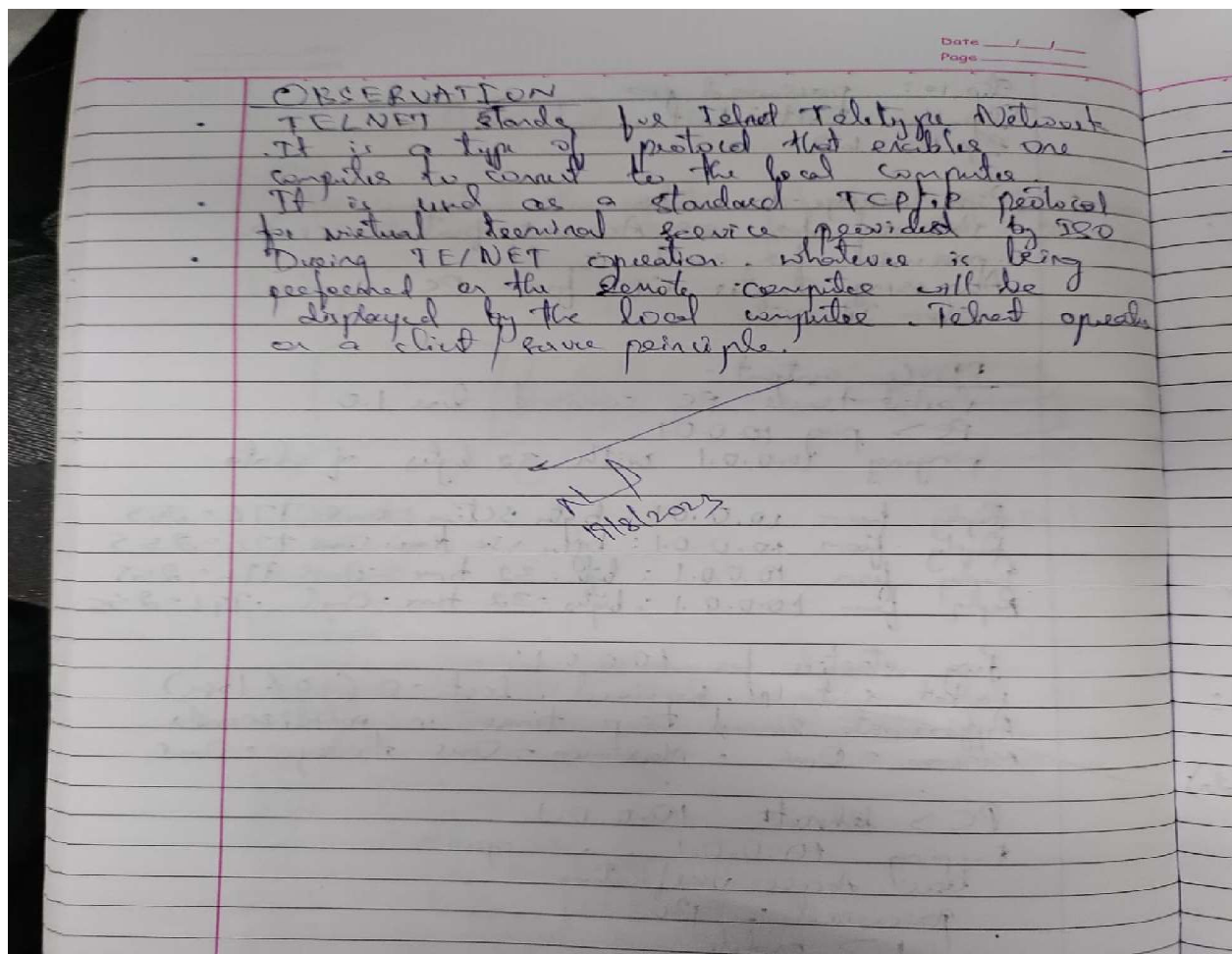Typing 10.0.0.1 ... open
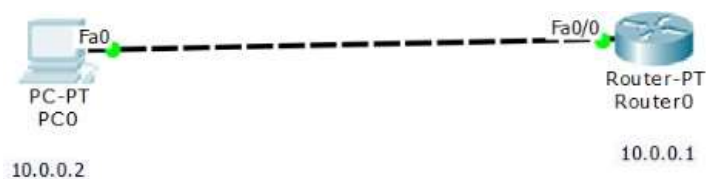
User Access verification
password : pw
1> enable
password : P1
S1 # show ip route
C   10.0.0.0/8 is directly connected, FastEthernet

OBSERVATION

TELNET stands for Telnet Teletype Network. It is a type of protocol that enables one computer to connect to the local computer.

It is used as a standard TCP/IP protocol for virtual terminal service provided by ISO.

During TELNET operation, whatever is being performed on the remote computer will be displayed by the local computer. Telnet operates on a client/server principle.

NP
13/8/2023

TOPOLOGY:

Fa0 — PC-PT PC0 — 10.0.0.2

Fa0/0 — Router-PT Router0 — 10.0.0.1

OUTPUT:

Physical	Config	Desktop	Custom Interface

Command Prompt

```
Packet Tracer PC Command Line 1.0
PC>ping 10.0.0.1

Pinging 10.0.0.1 with 32 bytes of data:

Reply from 10.0.0.1: bytes=32 time=1ms TTL=255
Reply from 10.0.0.1: bytes=32 time=0ms TTL=255
Reply from 10.0.0.1: bytes=32 time=0ms TTL=255
Reply from 10.0.0.1: bytes=32 time=0ms TTL=255

Ping statistics for 10.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

PC>telnet 10.0.0.1
Trying 10.0.0.1 ...Open


User Access Verification

Password:
% Password:  timeout expired!

[Connection to 10.0.0.1 closed by foreign host]
PC>telnet 10.0.0.1
Trying 10.0.0.1 ...Open

User Access Verification

Password:
Password:
Password:

[Connection to 10.0.0.1 closed by foreign host]
PC>telnet 10.0.0.1
Trying 10.0.0.1 ...Open


User Access Verification

Password:
r1>enable
Password:
r1#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route

Gateway of last resort is not set

C    10.0.0.0/8 is directly connected, FastEthernet0/0
r1#
```