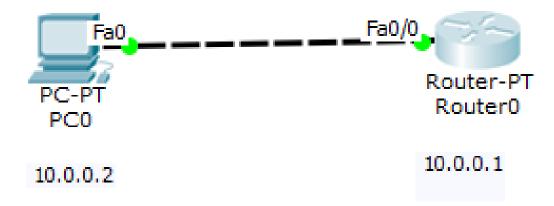
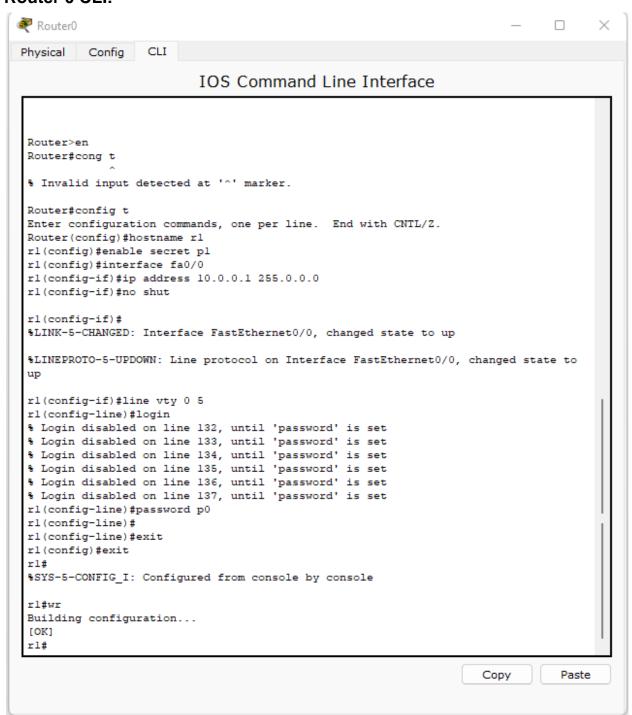
## LAB 12:

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

# Topology:



# Configuration: Router 0 CLI:



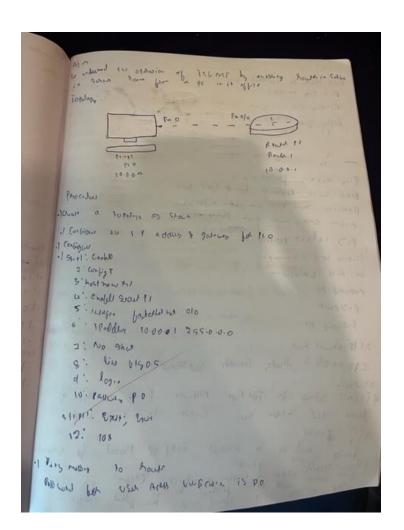
#### **Command Prompt:**

#### PC0 to Router:

```
PC0
                  Desktop
Physical
          Config
                            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=3ms 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 = 3ms, Average = 1ms
```

### Accessing the router in server room from a PC in IT office.

```
₹ PC0
Physical
            Config
                        Desktop
                                    Custom Interface
    Command Prompt
                                                                                                        Χ
         Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
         Minimum = 0ms, Maximum = 3ms, Average = 1ms
    PC>telnet 10.0.0.1
    Trying 10.0.0.1 ...Open
    User Access Verification
    Password:
    Password:
    rl>en
    Password:
    rl#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
El - 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
             * - candidate default, U - per-user static route, o - ODR
             P - periodic downloaded static route
    Gateway of last resort is not set
           10.0.0.0/8 is directly connected, FastEthernet0/0
    rl#
```



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