Experiment 9:
Q)UNDERSTAND TELL NET

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10.0.0.2

Fa0                                              Fa0/0

PC-PT                                            Router-PT
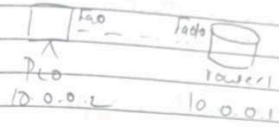PC0                                             Router0

10.0.0.1

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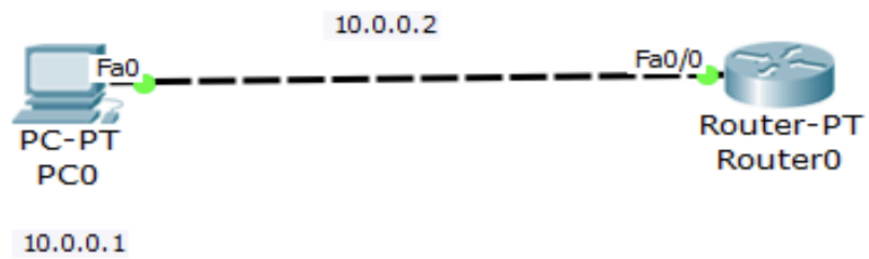
## Experiment - 9

**Q)** To understand the operation of TELNET

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

**Topology:**



```
            fa0        fa0/0
         _____
         PC0            router1
      10.0.0.2        10.0.0.1
```

A router connected to a single PC via a fastethernet interface with copper crossover cable

**Procedure:**

- Open cisco packet tracer and drag a PC & router.
- connect the PC to the router1 via Fast ethernet interface with a copper cross over cable

- Assign the ip address to the PC. 10.0.0.2 with gateway as 10.0.0.1
  CLI the router
  router> enable
  router# config t
  router (config)# hostname r1

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r1 (config)# enable secret p1
r1 (config)# interface fastethernet 0/0
r1 (config-if)# ip address 10.0.0.1
255.0.0.0

r2 (config-if)# no shut


r1 (config-if)# line vty 0 5
r1 (config-if)# login
r1 (config-line)# password p0
r1 (config-line)# exit
r1 (config)# exit
r1# wr

In command prompt.
Ping 10.0.0.1
password for user authentication
is p0.
Password for enable is p1

**Observations:**
the PC is able to send the data to the router and indicates that the gateway is available & connected.