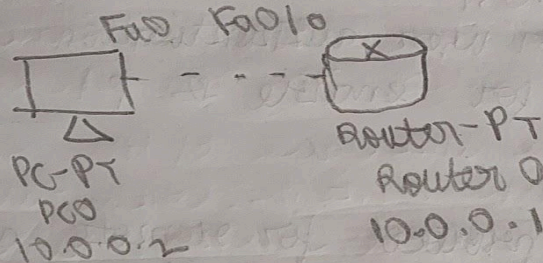


## EXPERIMENT-9

AIM : To understand the operation of Telnet by accessing the router in server room from a PC in IT office

### TOPOLOGY :



A router connected to a single PC via a fast ethernet interface with copper crossover cable.

### PROCEDURE :

- 1) Open Cisco packet tracer and drag a PC on a router
- 2) Connect the PC to the router via fast ethernet interface with a copper cross-over cable
- 3) Assign the IP address to the PC-10.0.0.2 with gateway as 10.0.0.1

### Configure the router :

```
Router > enable
```

```
Router # conf t
```

```
Router Router (conf t) # hostname r1
```

```
r1 (conf t) # enable secret p1
```

```
r1 (conf t) # interface fastethernet 0/0
```

```
r1 (conf t) # ip address 10.0.0.1 255.0.0.0
```

```
r1 (conf t) # no shut
```

```
r1 (conf t) # line vty 0 5
```

```
r1 (conf t) # login
```

```
r1 (conf t) # password po
```



91 (conf - lora) # exit

91 (conf) # exit

91 # use

In command prompt :

ping 10.0.0.1

Password for user authentication is P0

Password for enable is P1

Observation :

Telnet is a protocol for remote access to server. It allows ~~user~~ command-line communication over a network.

The PC is able to send the data to the router and indicates that the gateway is available and connected.

26/12/24