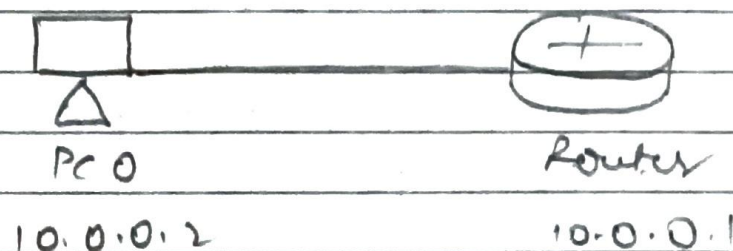


- Objective: To understand the operation of TELNET by accessing the router in server room from a PC in IT office.

- Topology:



- Procedure

i) Make a simple topology with one router and one PC.

ii) Commands in Router

```
> enable
# conf t
# hostname R1
# enable secret P1
# interface fastEthernet 0/0
# ip address 10.0.0.1 255.0.0.0
# no shut

# line vty 0 5
# login
# password P0
# exit
> exit
```

nr → to save changes

i) commands in PC

ping 10.0.0.1

ping results :-

Sent=4, Received=4, Lost=0 (0% loss)

- Password for user access verification is P0
- Password for enable is P1.

ii) Accessing router CLI from PC

> telnet 10.0.0.1

• User Access Verification

Password :

rt > enable

password :

rt # show ip route

codes

Area

• observation:

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

~~26/12/24~~