Program - 12
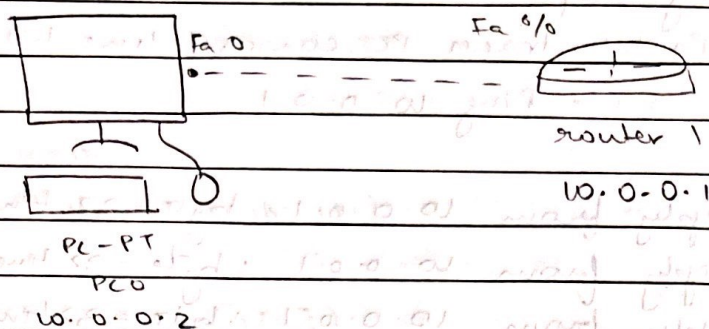
Aim: To understand the operation of TELNET by accessing the router in server room from a PC in IT

Topology:

Fa 0

Ia %

router 1
10. 0. 0. 1

PC - PT
PC0
10. 0. 0. 2

Procedure.

- Create topology
- Configure the IP address & gateway for PC0
- Configure router
  - Step 1: enable
  - Step 2: config t
  - Step 3: host name r1
  - Step 4: Enable secret P1
  - Step 5: Interface fastethernet %
  - Step 6: Ip address 10. 0. 0. 1   255. 0. 0. 0
  - Step 7: No shut
  - Step 8: line vty 05
  - Step 9: login
  - Step 10: password P0
  - Step 11: exit, exit
  - Step 12: wr

Ping message to router
Password for user Aces verification is P0
Password for enable is P1.
Accessing router CLI from PC
show ip route

Ping Output
Packet tracer PC command line 1.0

PC> Ping 10.0.0.1

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

Statistics:
Packets sent = 4, received = 4, lost = 0
Approx round trip time in ms:
min = 0ms, max = 0ms, Avg = 0ms

PC > telnet 10.0.0.1
Typing 10.0.0.1 .... open
user Aces verification
Password : P0
P1 > enable
Password : P1
r1 # show ip route