DATE : 18-DECEMBER-2024

LAB- 9

Question:

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

Aim:

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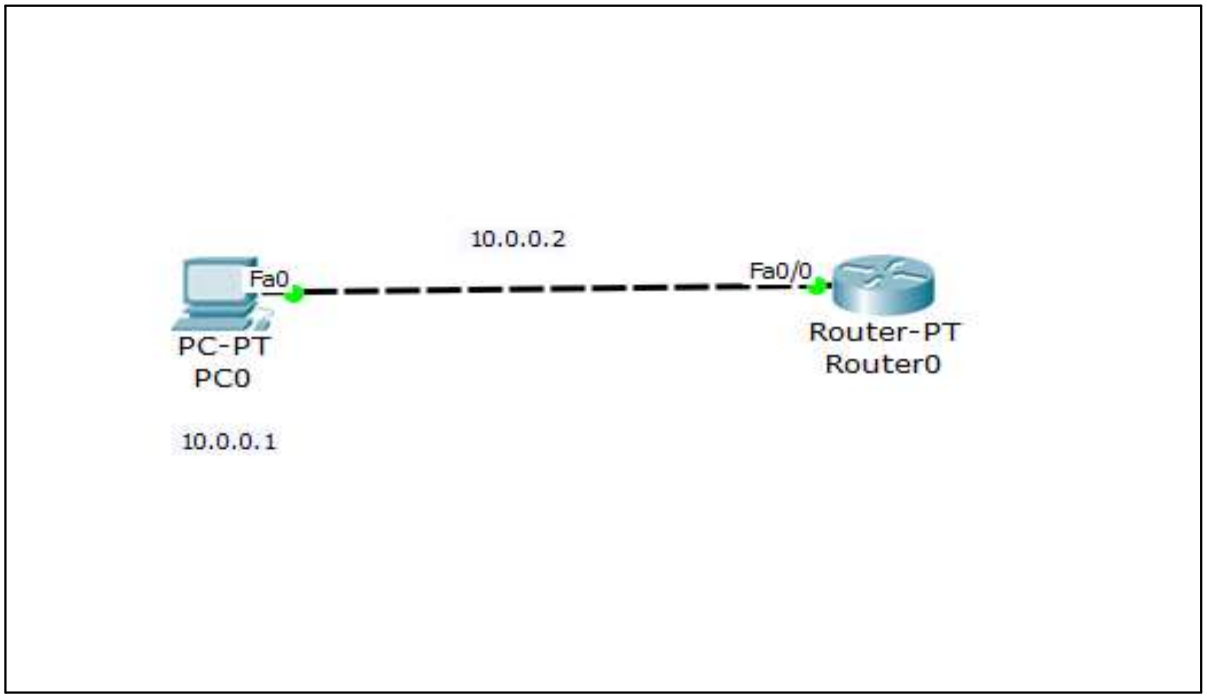
Topology:



Topology Description

The provided network topology includes:

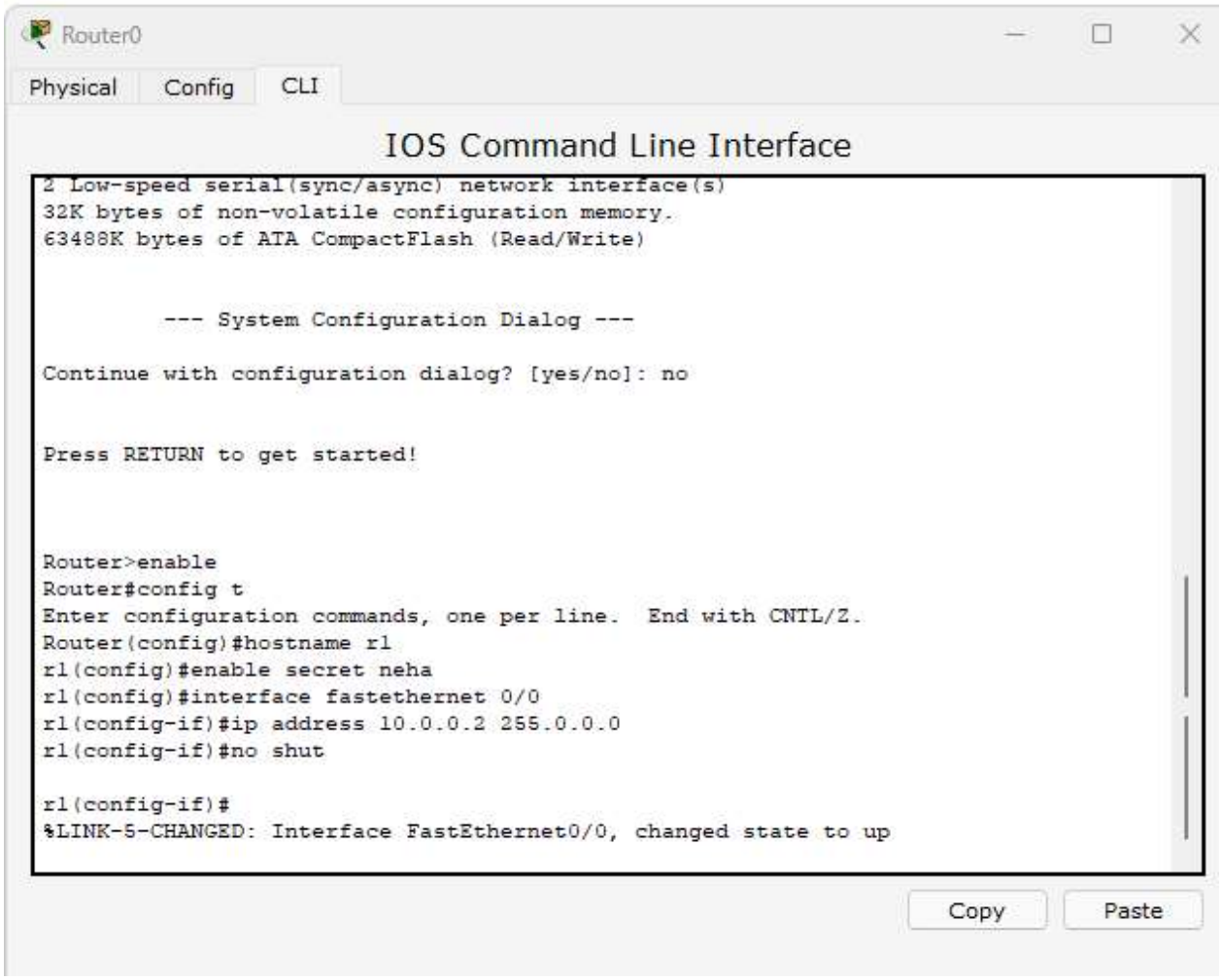
- **PC0**: Acts as a client, located in the IT office.
    - IP Address: 10.0.0.2
- **Router0**: Acts as the server in the server room.

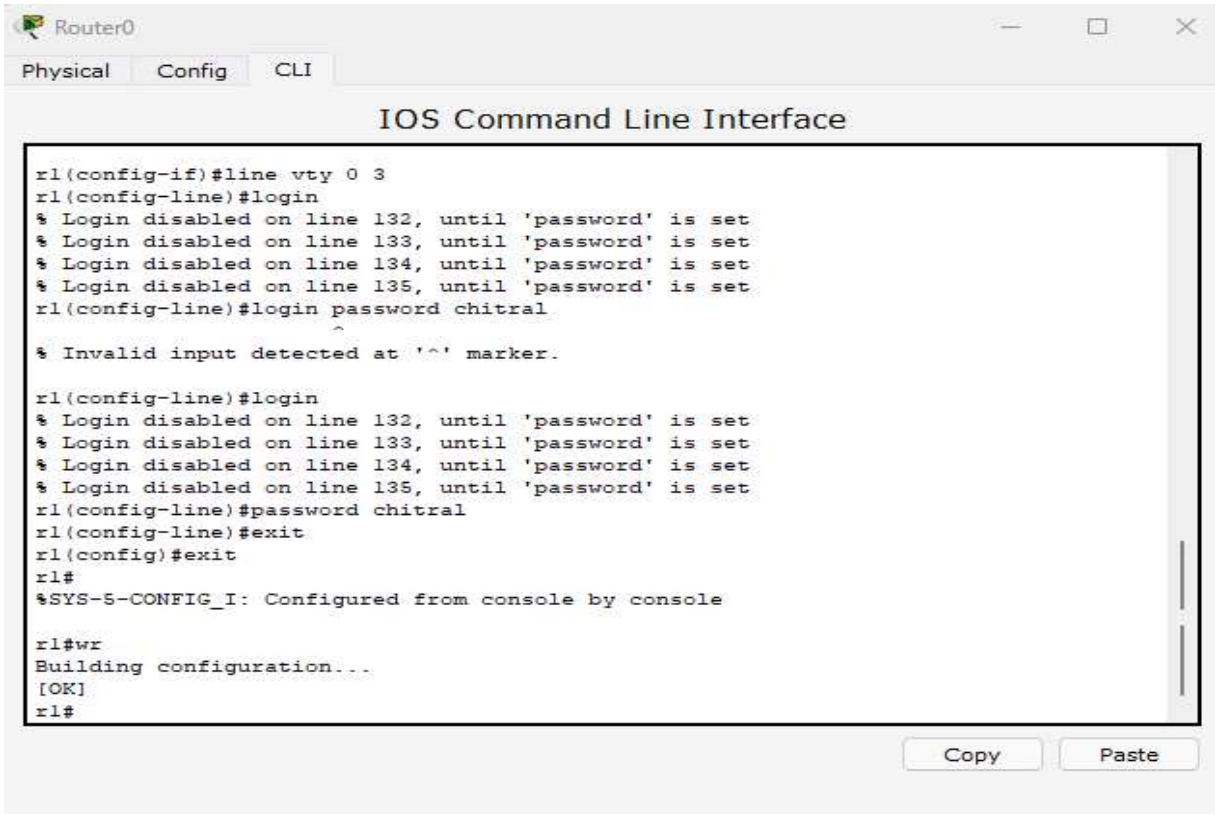
- Interface IP Address on Fa0/0: 10.0.0.1

The PC and router are directly connected using an Ethernet cable between their FastEthernet ports.

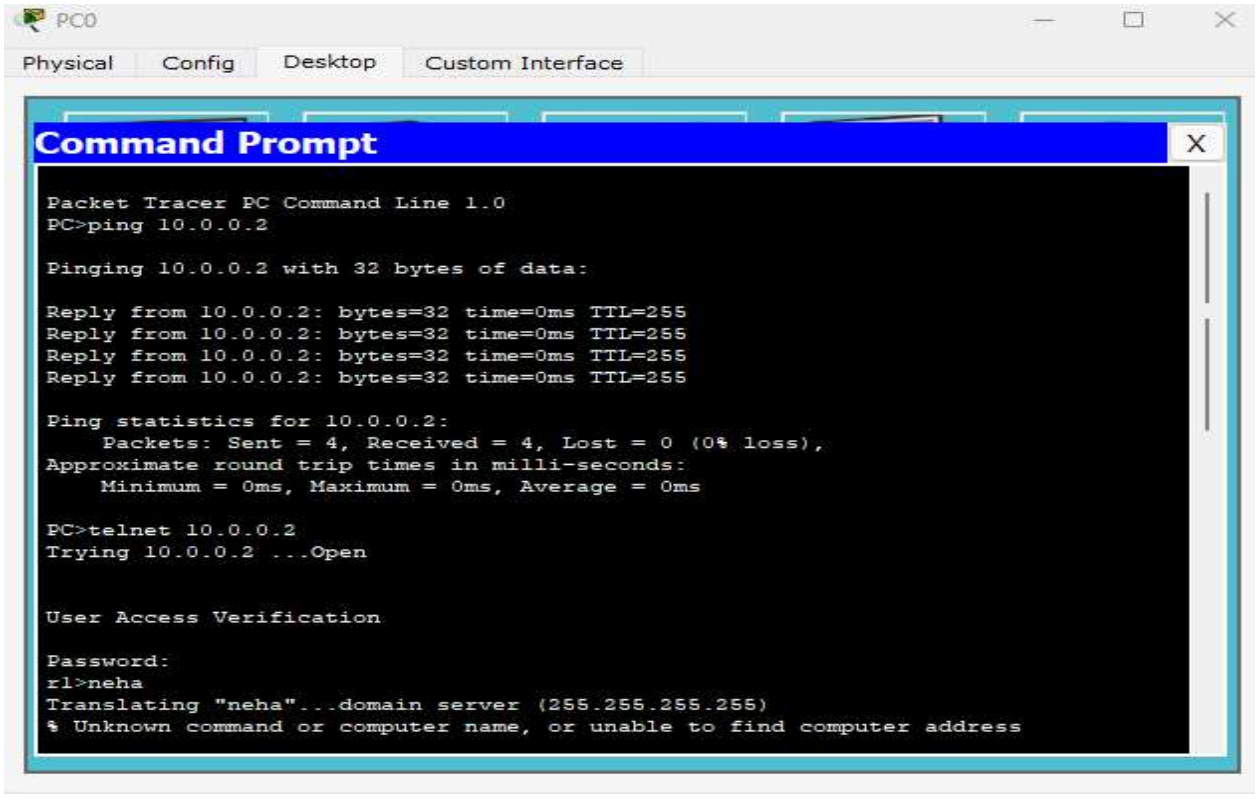
Procedure:

1. **Configure the Router**:
   - Access the router's CLI (Command Line Interface) through the console or directly in Packet Tracer.



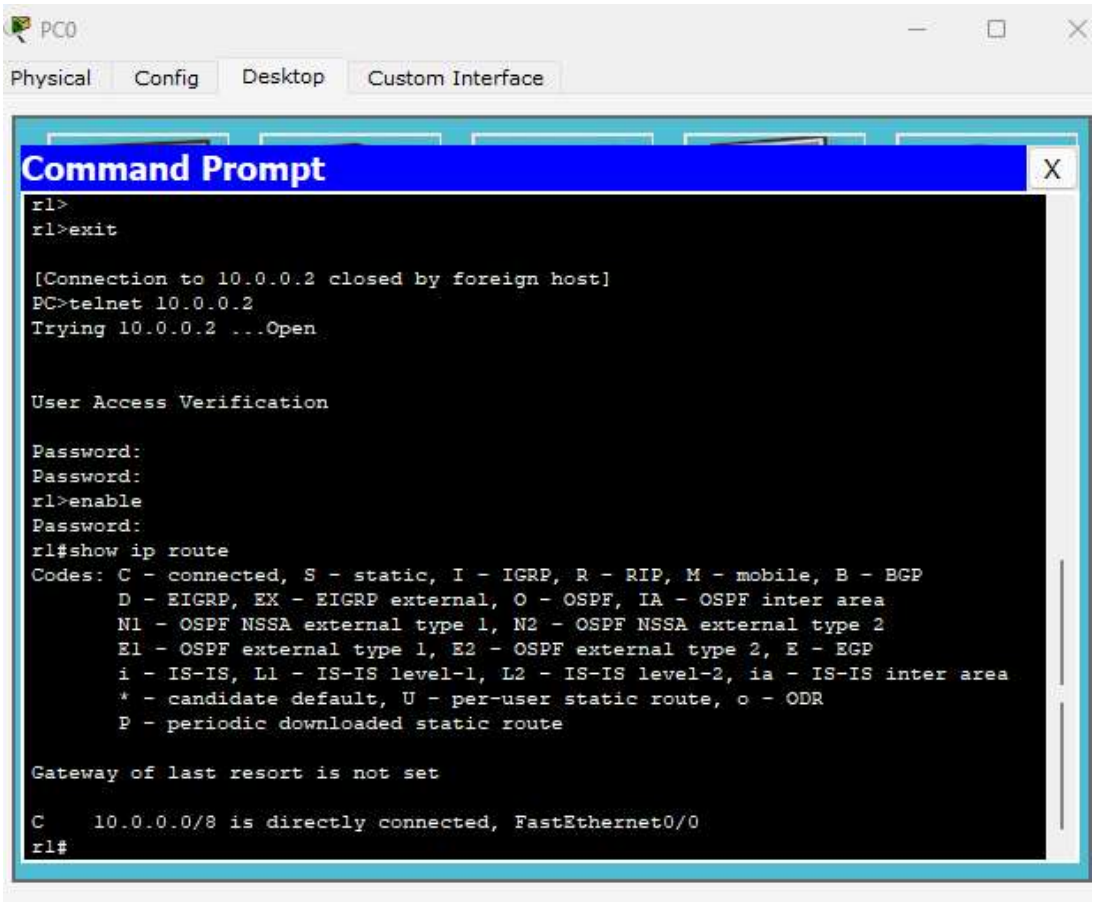


Open command prompt of PC0: ping 10.0.0.2



Password for user verification is chitral.
Password for enable is neha

Accessing router CLI from PC0:



OBSERVATION:

Telnet is a protocol for remote access to server.It allows command line communications over a network.

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