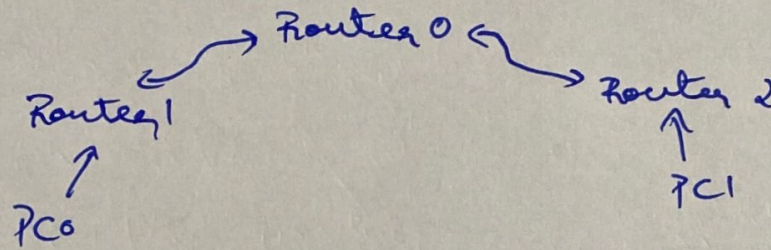


1) Creating a topology



- 2) Set the gateway and IP address to each end devices
- 3) Configure directly connected end devices to router using CLI commands

→ Router > enable

Router # config terminal

Router (config) # interface fast Ethernet 0/0

Router (config-if) # ip address 10.0.0.1 255.0.0.0

Router (config-if) # no shutdown

- 4) To connect devices which are not connected directly

→ Router > enable

show ip route

Router # config terminal

Router (config) # ip route 30.0.0.0 255.0.0.0 20.0.0.2

Router (config) # ip route 40.0.0.0 255.0.0.0 20.0.0.2

exit

- 5) Once, the routers are configured with all devices, Ping the IP of one of the PC to the other using command.

→ Ping 40.0.0.10

- 6) If its successful, network is ready