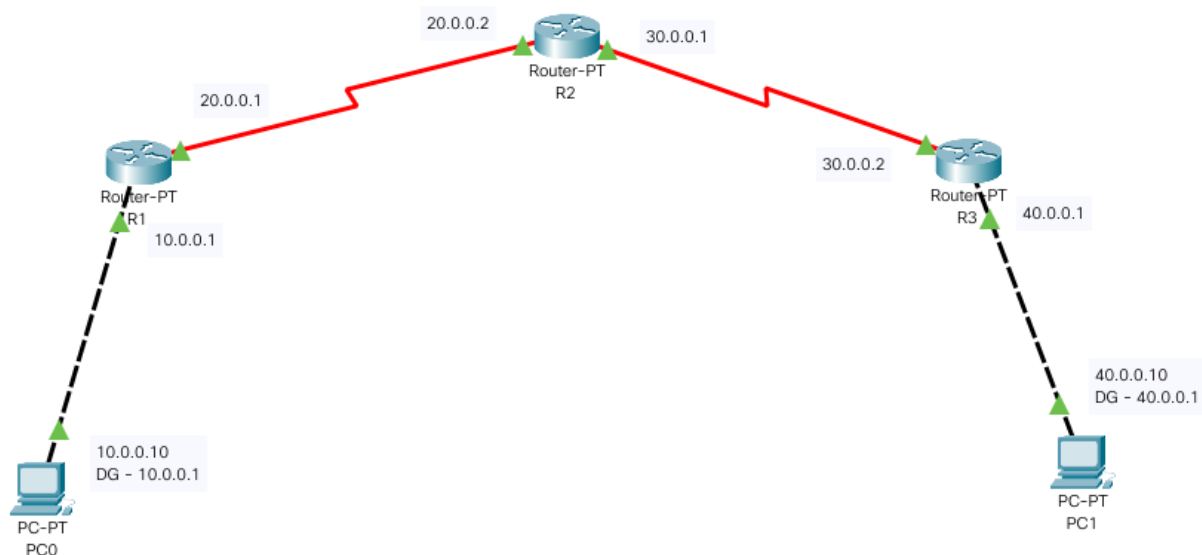


Configuring Static Routes in Multiple Router Topology

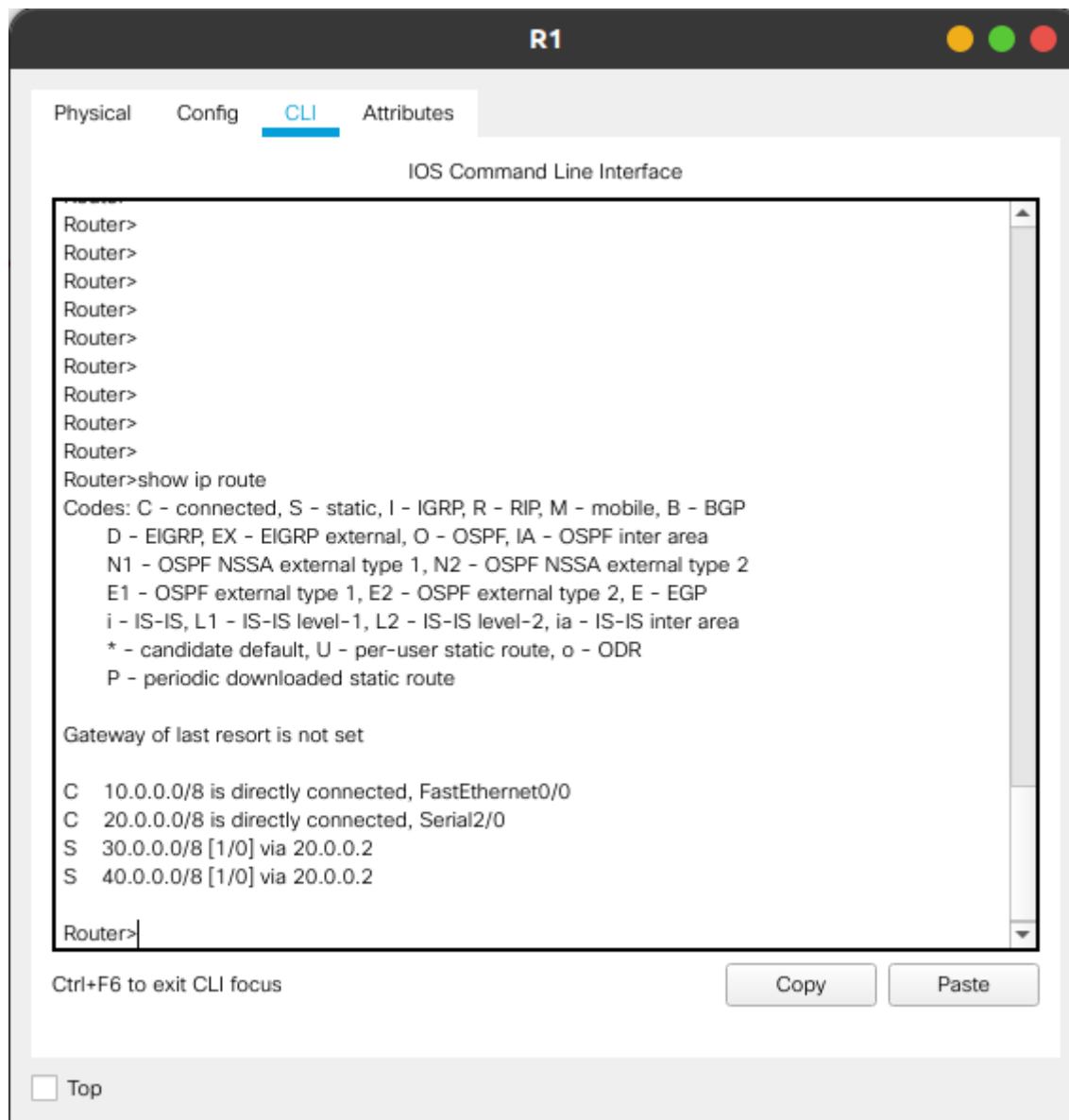
Observations

1. Creating a multiple router topology by connecting routers on Serial ports and PC-router through Fast Ethernet ports.
2. Assigning IP addresses and gateway to routers as shown in topology below.
3. Pinging PC1 from PC0 at this state gives **destination host unreachable**
4. Adding static routes to the routers using `ip route <dest. network> <subnet mask> <next hop>` in *configure terminal* mode.
5. Pinging PC1 from PC0 and PC0 from PC1 now works as expected (shown in images below).

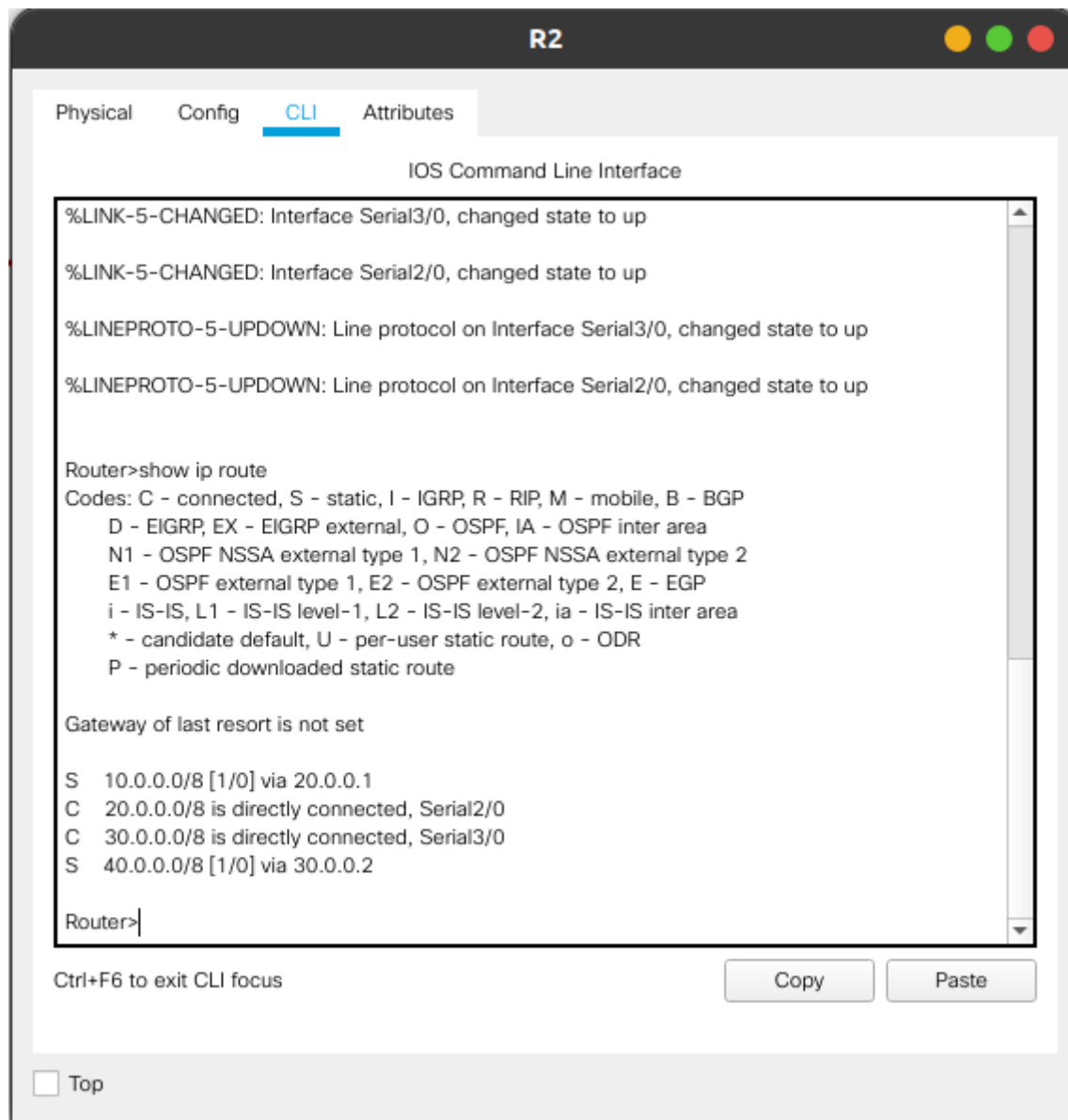
Topology



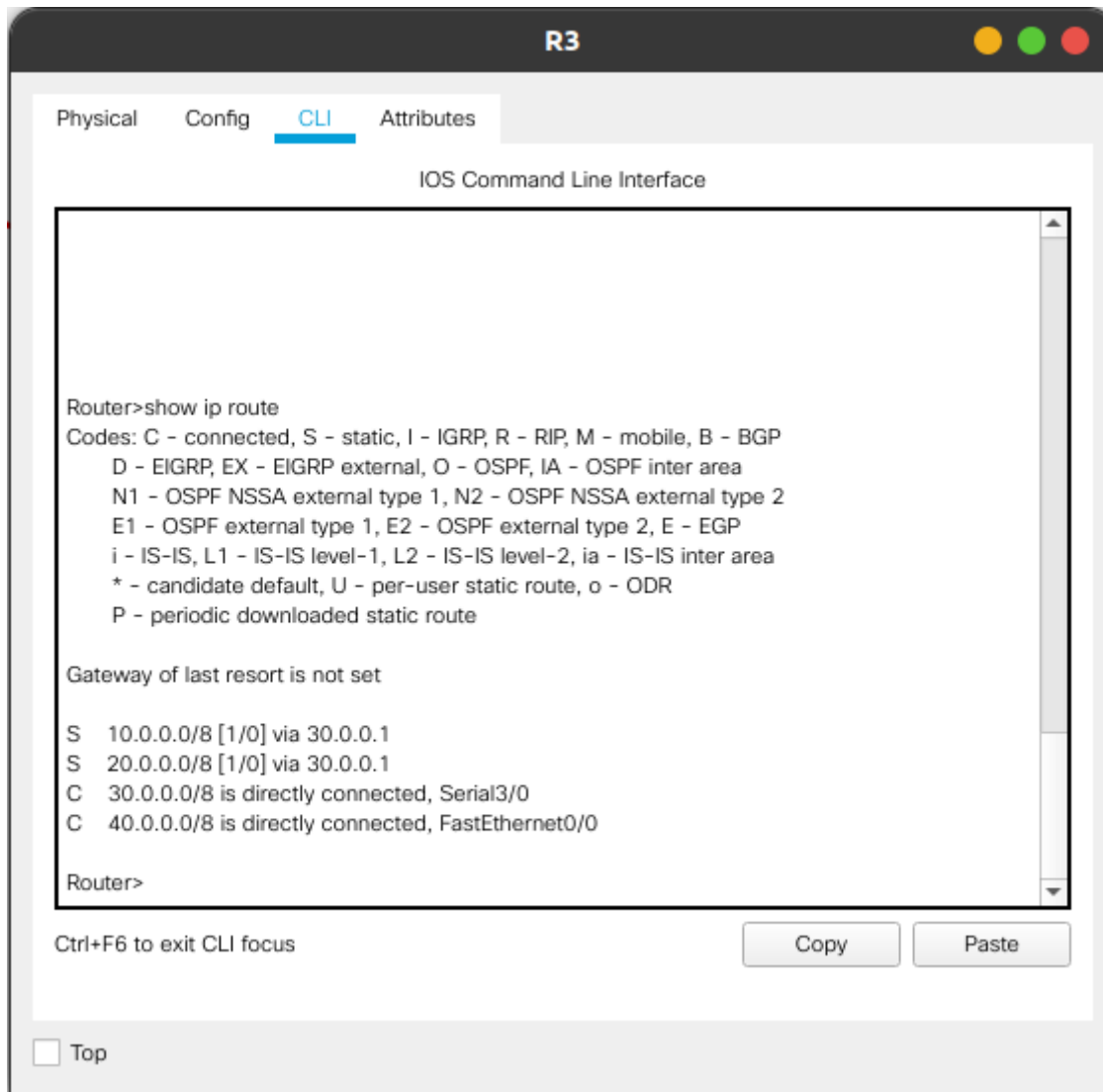
Router R1 Static IP routes



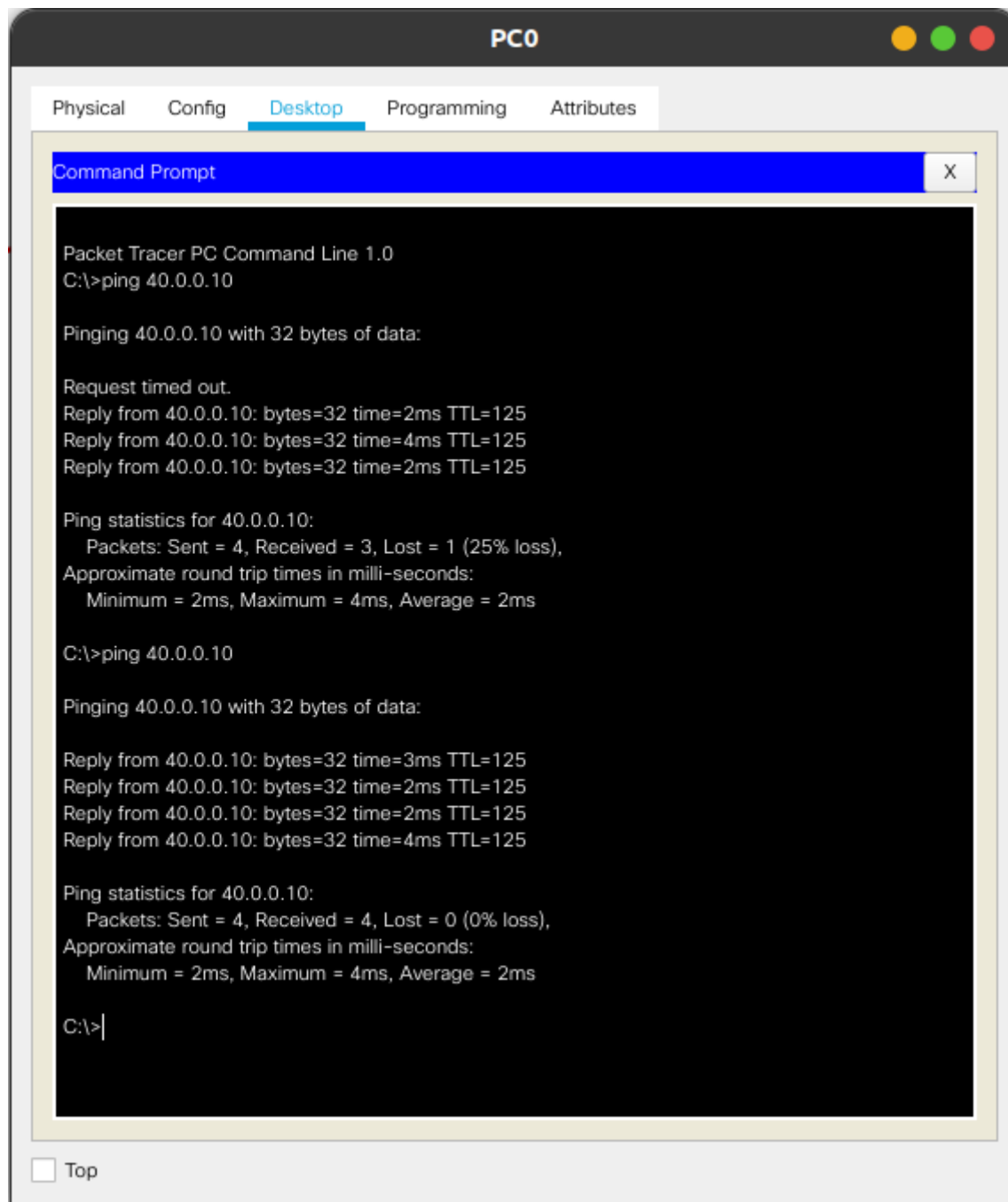
Router R2 Static IP routes



Router R3 Static IP routes



PC0 pinging PC1



PC1 pinging PC0

