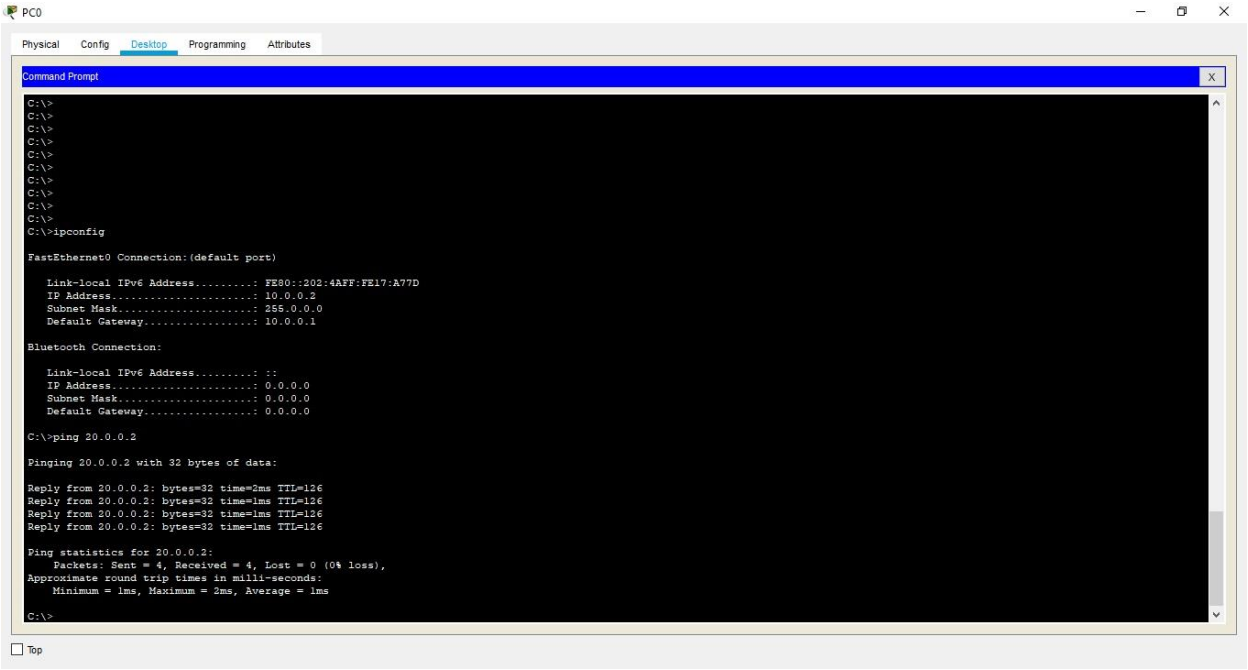
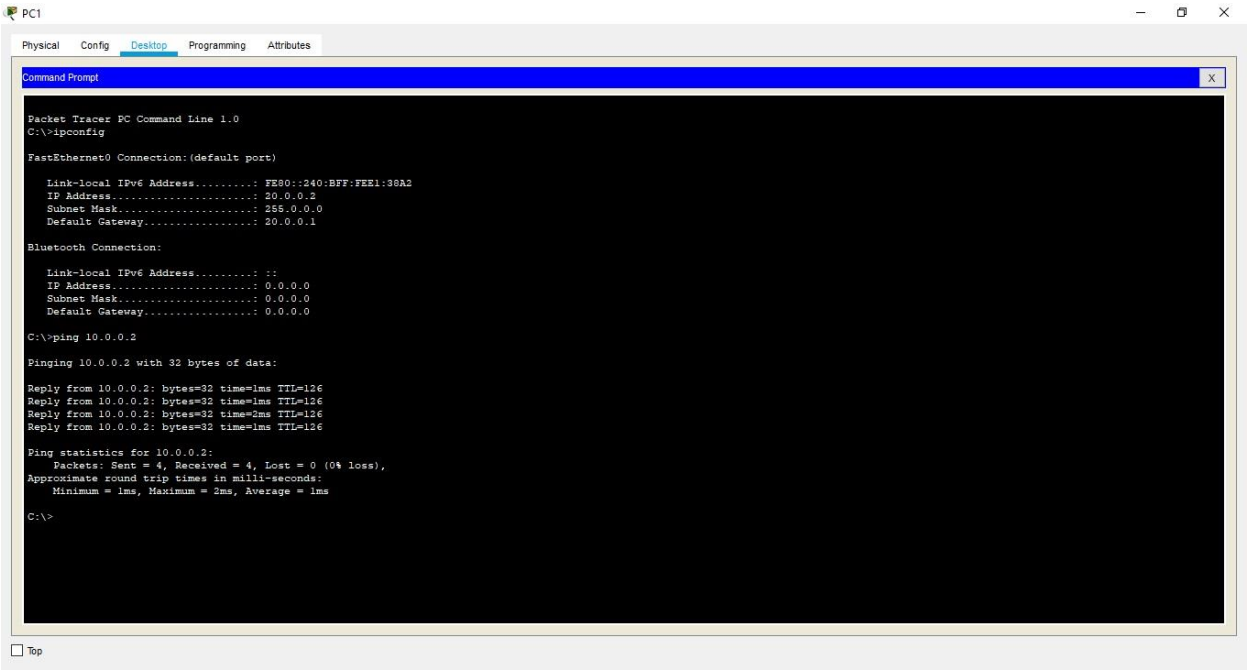
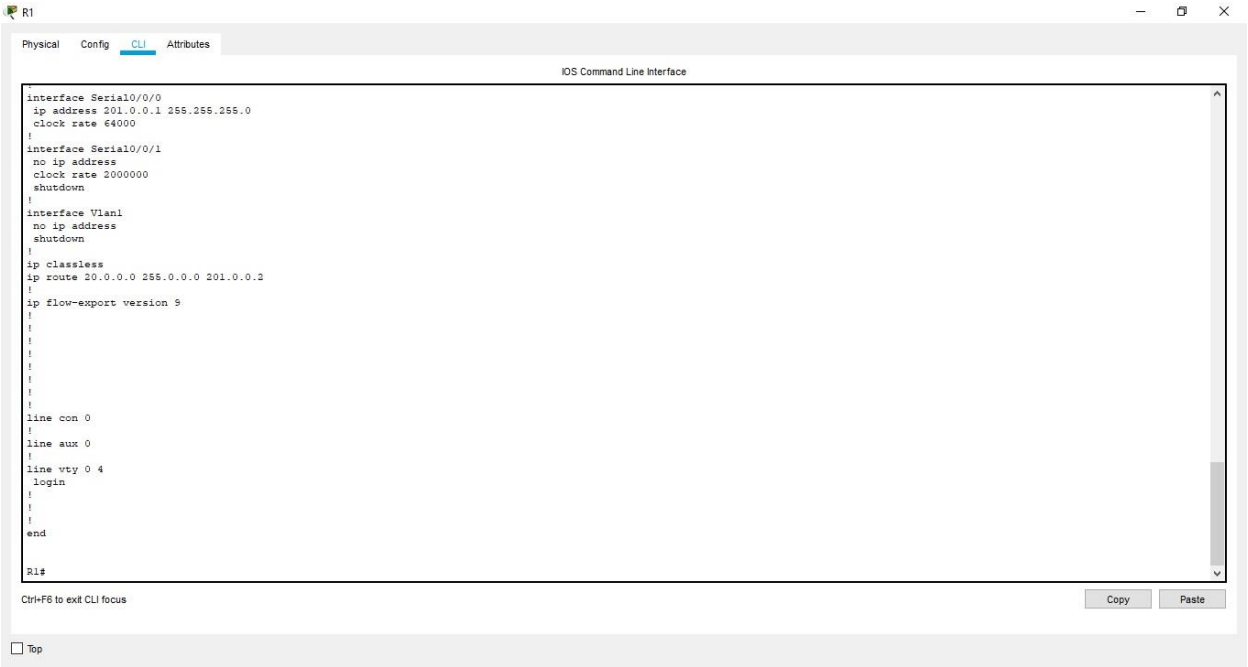
1. Include a screenshot of PC0 command prompt executing ‘ipconfig’ command and ‘ping’ command, with packets successfully reaching PC1.



2. Include a screenshot of PC1 command prompt executing ‘ipconfig’ command and ‘ping’ command, with packets successfully reaching PC0.

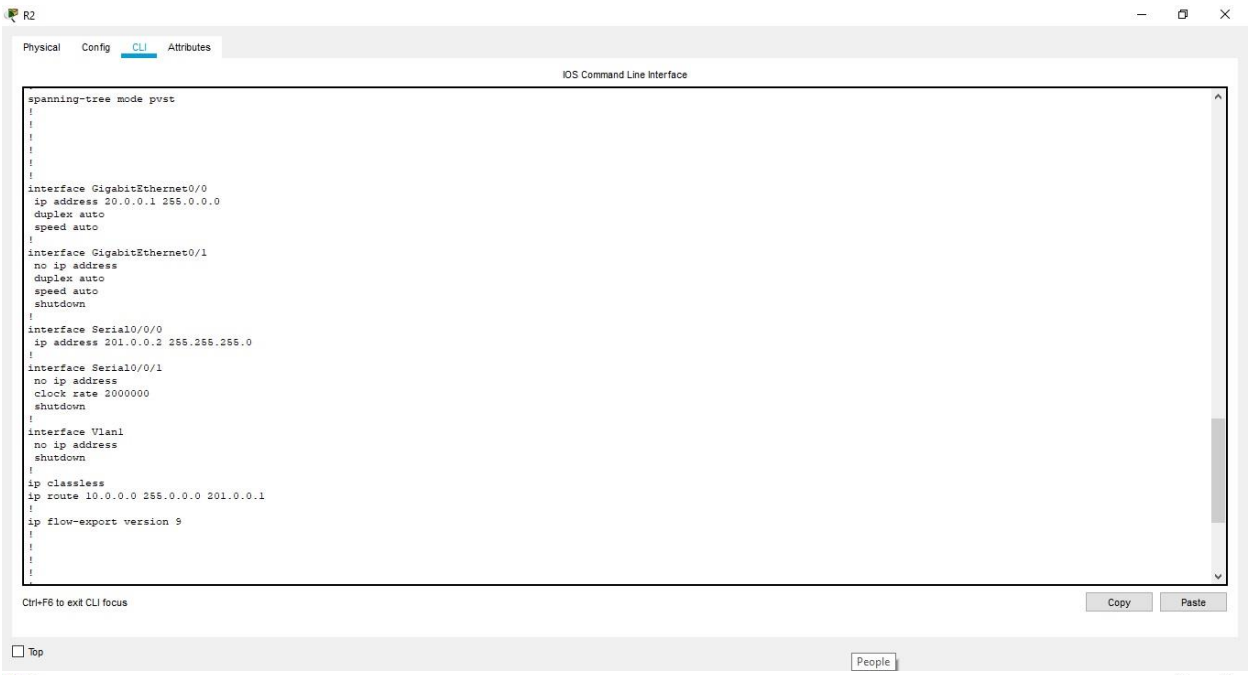


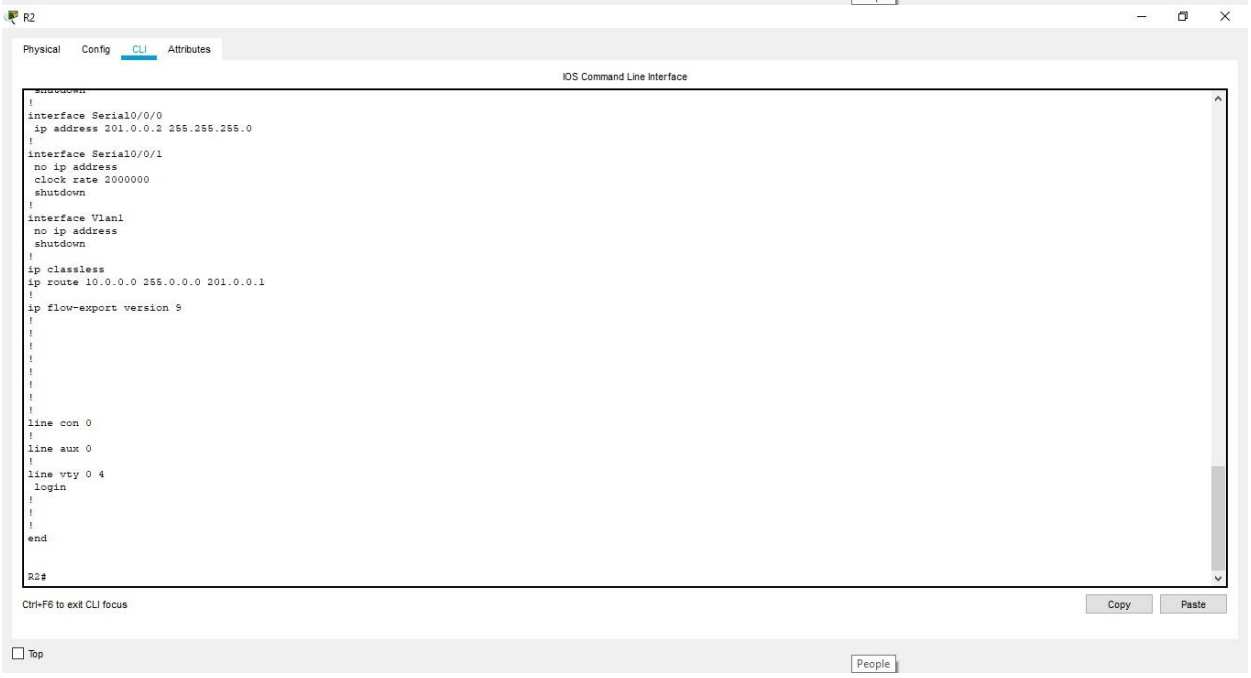
3. In the privilege mode of R1 (i.e. R1#) execute the command below:
R1# show running-config
Include the whole output to your report. What information can you find there?



The hostname of the router is R1.
Port GigabitEthernet0/0 is assigned IP address 10.0.0.1 and subnet mask is 255.0.0.0.
Port Serial0/0/0 is assigned IP address 201.0.0.1, subnet mask 255.255.255.0, and clock rate 64000.
Port classless IP route is configured to 20.0.0.0 255.0.0.0 201.0.0.2.

4. In the privilege mode of R2 (i.e. R2#) execute the command below:
R2# show running-config
Include the whole output to your report. What information can you find there?

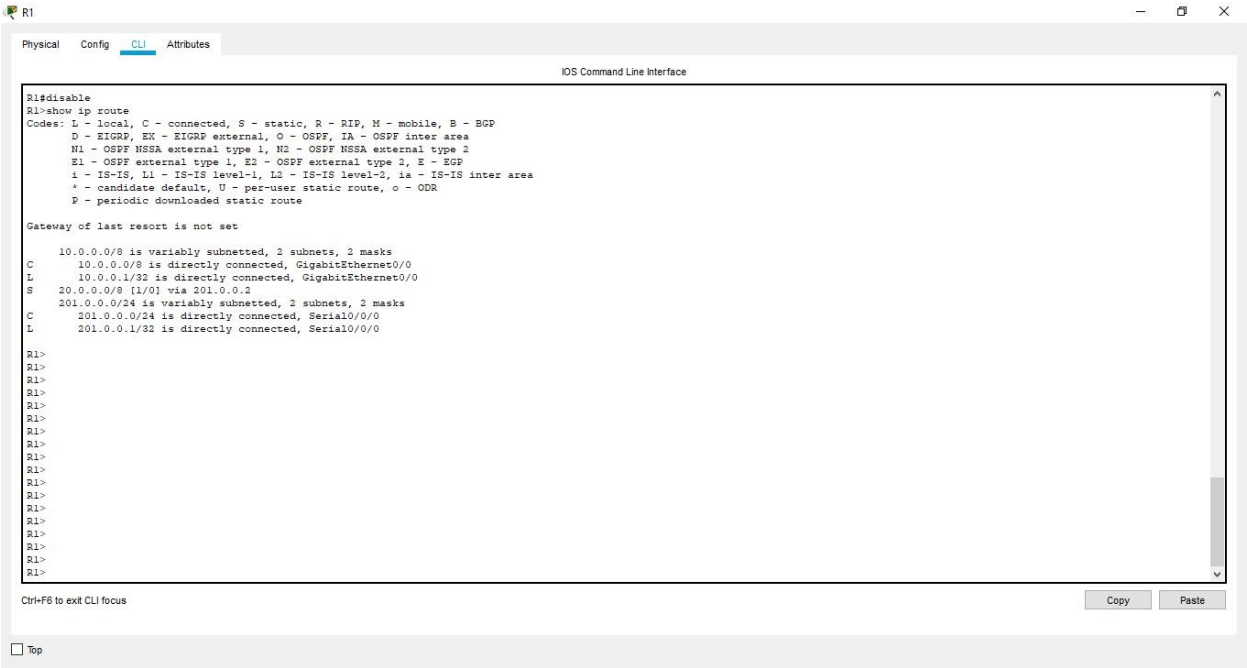




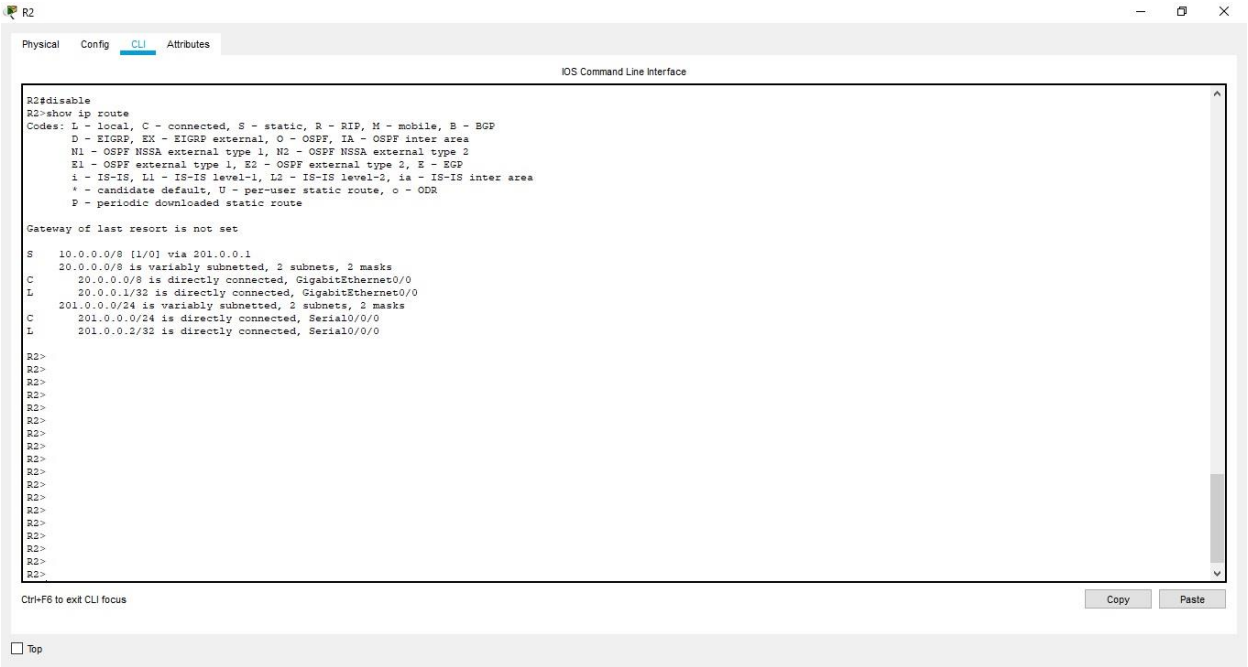
The hostname of the router is R2.
Port GigabitEthernet0/0 is assigned IP address 20.0.0.1 and subnet mask is 255.0.0.0.
Port Serial0/0/0 is assigned IP address 201.0.0.2 and subnet mask 255.255.255.0.
Port classless IP route is configured to 10.0.0.0 255.0.0.0 201.0.0.1.

5. In the user mode of R1 and R2 (i.e. R1> and R2>) execute the command below:
R1> show ip route
R2> show ip route

What information can you find there? Describe each output separately and include how you obtained information from the output. Include *two* screenshots.



You can access the network 10.0.0.0/8 through port GigabitEthernet0/0 because it is denoted by a C.
IP 10.0.0.1/32 is assigned to port GigabitEthernet0/0 because it is denoted by an L.
Static route configuration has been enabled, giving access to the network 20.0.0.0/8 through IP address 201.0.0.2 because it is denoted by an S.
You can access the network 201.0.0.0/24 through port Serial0/0 because it is denoted by a C.
IP 201.0.0.1/32 is assigned to port Serial0/0 because it is denoted by an L.



Static route configuration has been enabled, giving access to the network 10.0.0.0/8 through IP address 201.0.0.1 because it is denoted by an S.
You can access the network 20.0.0.0/8 through port GigabitEthernet0/0 because it is denoted by a C.
IP 20.0.0.1/32 is assigned to port GigabitEthernet0/0 because it is denoted by an L.
You can access the network 201.0.0.0/24 through port Serial0/0 because it is denoted by a C.
IP 201.0.0.2/32 is assigned to port Serial0/0 because it is denoted by an L.