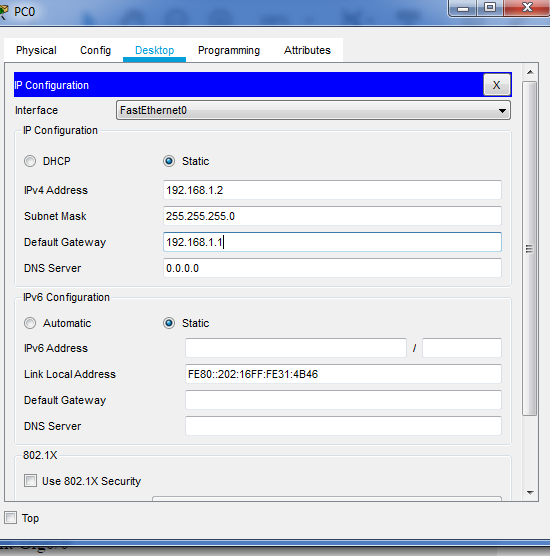


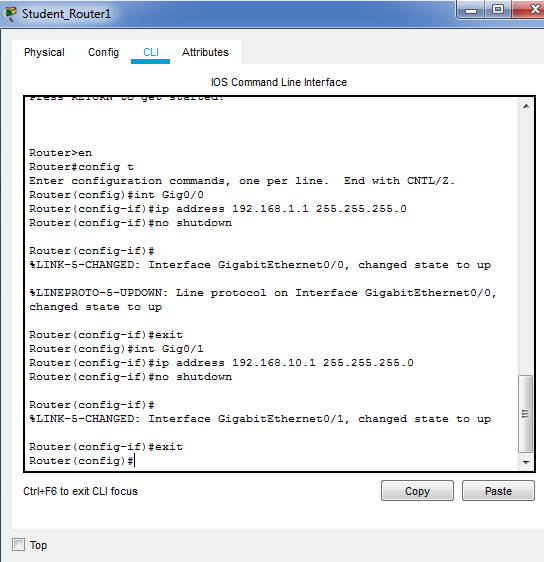
IP Configuration On PC0



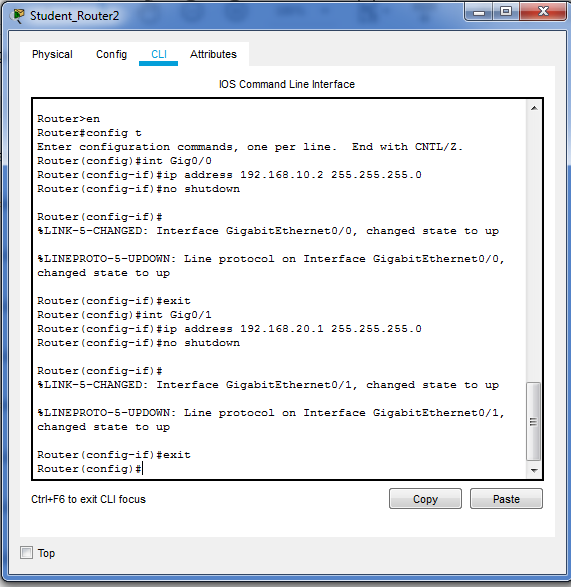
IP Configuration On PC1

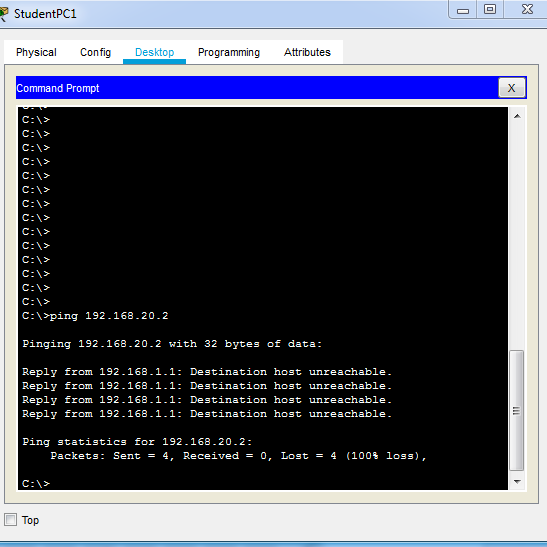
**IP addresses on router interfaces**

Router 1:



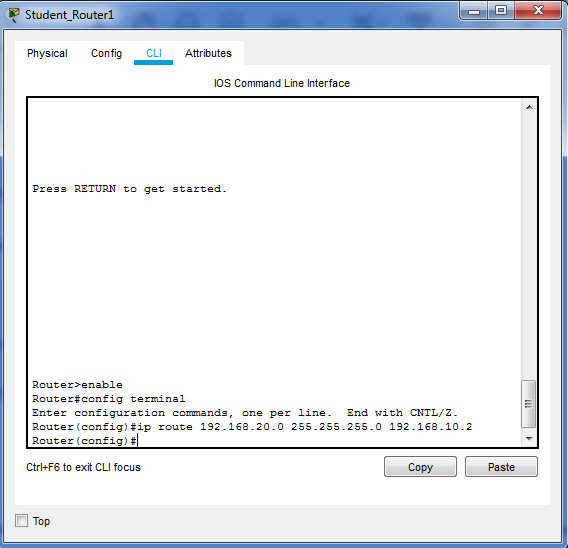
Router 2:



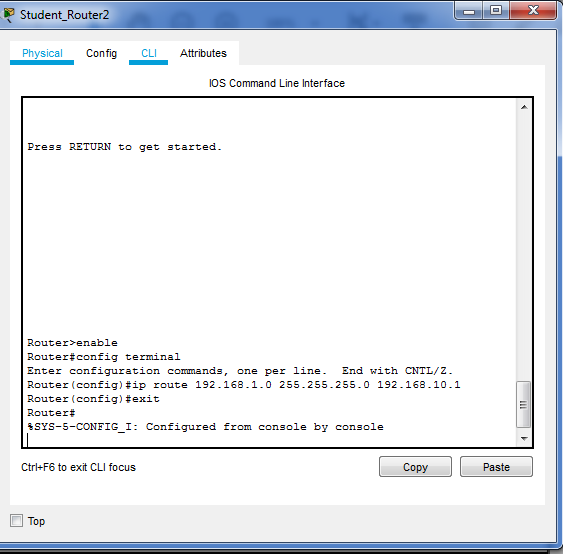
No routing Protocol is configure that’s why ping command is not working, and pinging failed

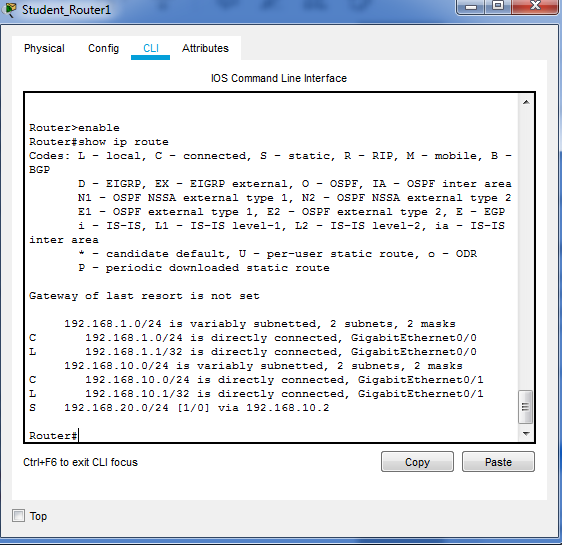
Static Routing Procotol

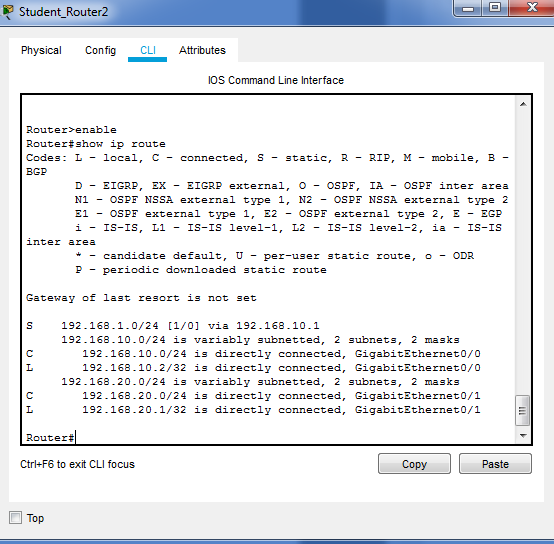
On Router 1

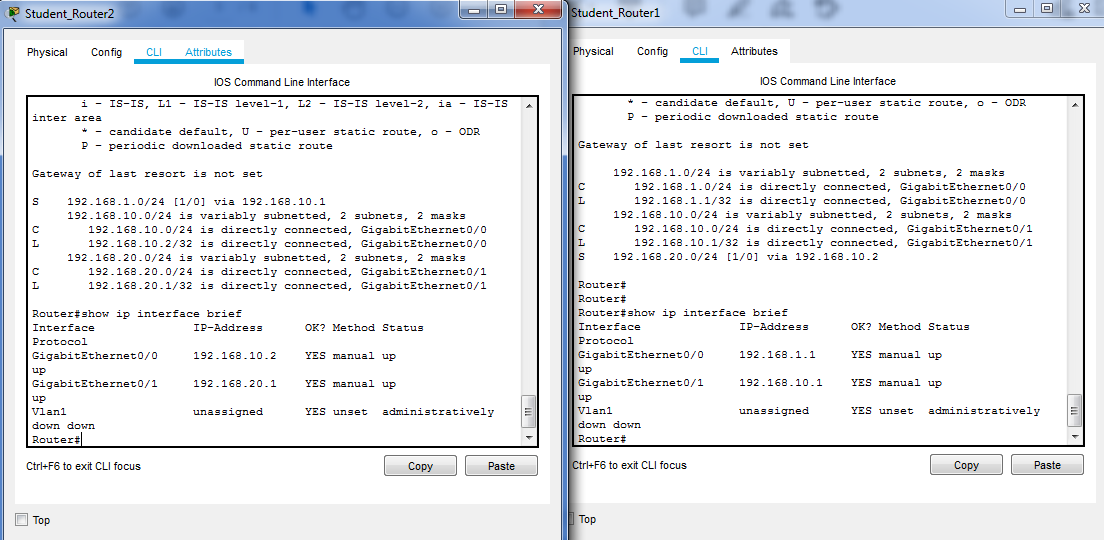


On Router 2









**Task**

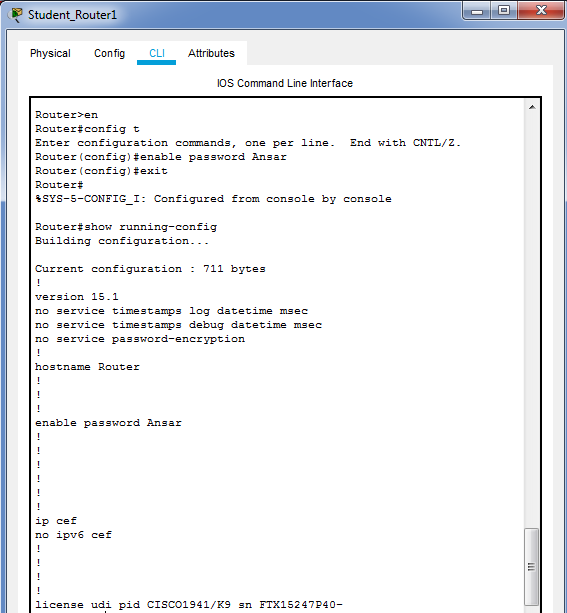
**Question 1:**

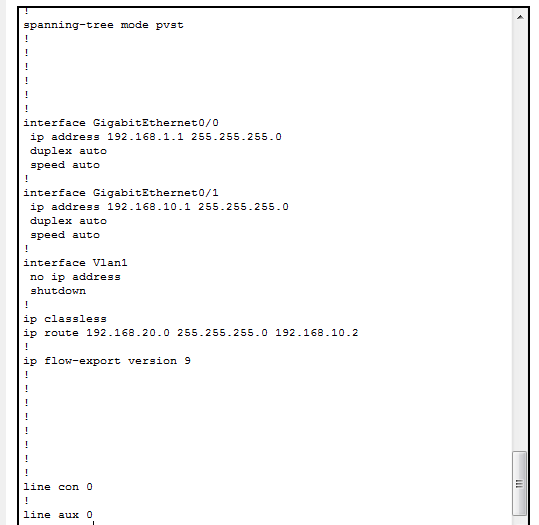
**Commands:**

**configure static routing on Student\_Router1. :**ip route 192.168.20.0 255.255.255.0 192.168.10.2

**enable password : #** enable password Ansar

**running-config:** #show running-config







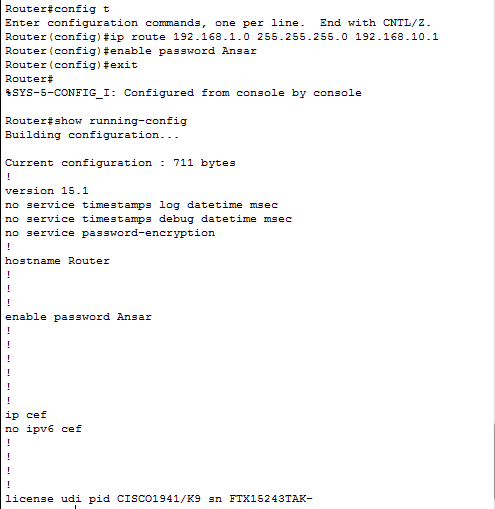
**Question 2:**

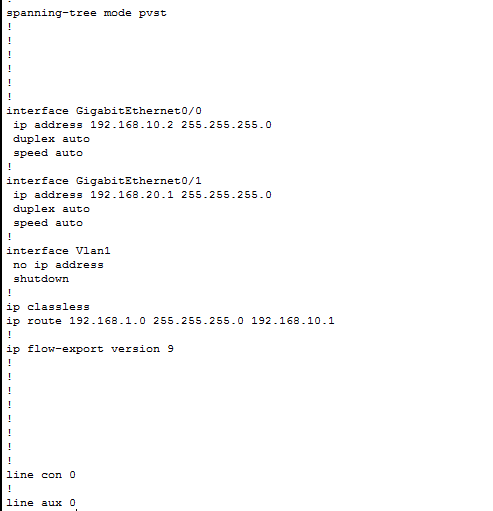
**Commands:**

**configure static routing on Student\_Router1. :**ip route 192.168.1.0 255.255.255.0 192.168.10.1

**enable password : #** enable password Ansar

**running-config:** #show running-config



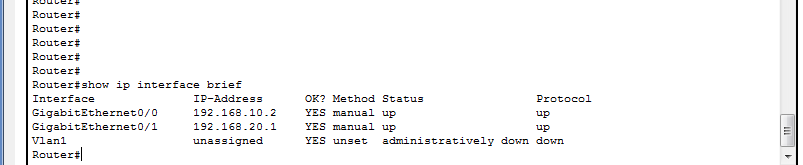




**Question No.3**

**Command:**

**Interface:show ip interface brief**

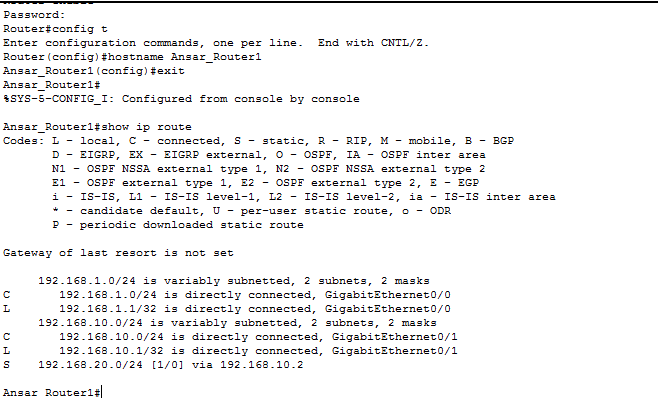


**Question 4:**

**Commands:**

**set hostname. :**hostname Ansar\_Router1

**Display routing table : #** show ip route



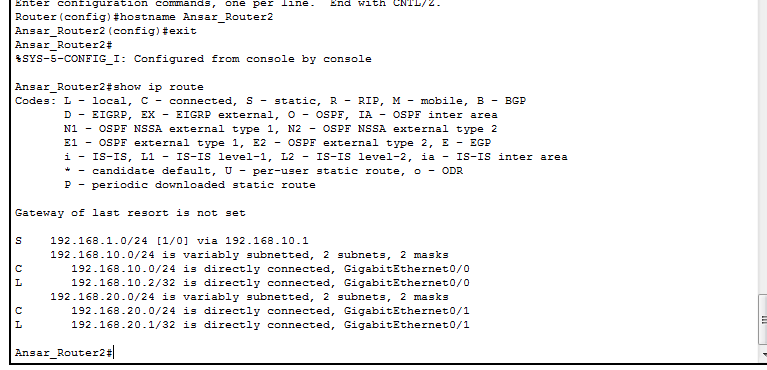
The “shw ip route” command is work to convey the router's routing table. This is the record of every networks packets and its interfaces . For example host 192.168.10.2 is using static routing protocol from network 192.168.20.0

**Question 5**

**Commands:**

**set hostname. :**hostname Ansar\_Router2

**Display routing table : #** show ip route



The “show ip route” command is work to convey the router's routing table. This is the record of every networks packets and its interfaces . For instance host 192.168.10.1 is using static routing protocol from network 192.168.1.0

**Question 6**

**Ping command can be used to check reachability of a system**

