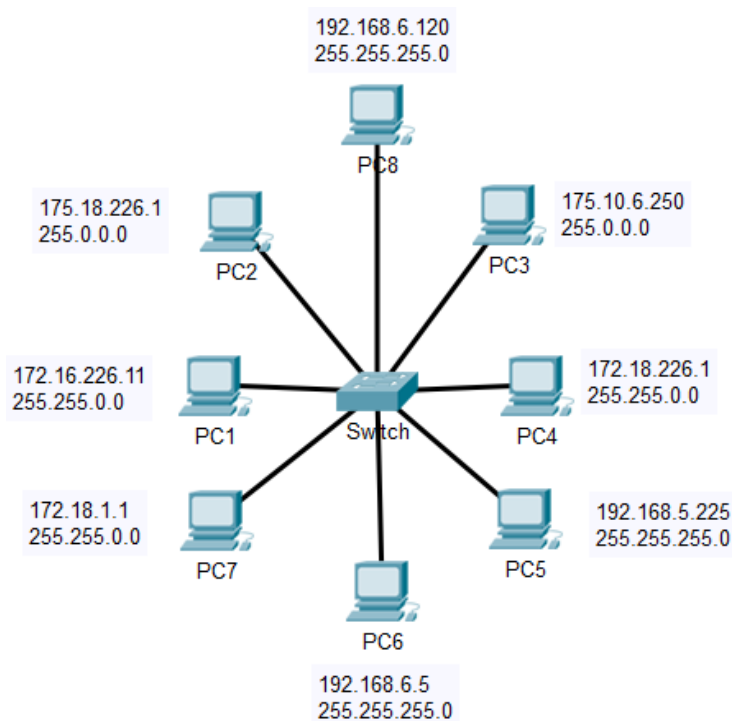
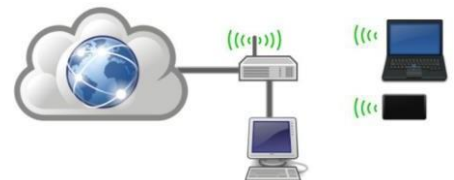


IP ADDRESS EXERCISES

- The IP addresses of devices and their subnet masks are shown below. Find out which part of the address is network and which part is host.
 - 192.168.6.25, 255.255.0.0
 - 170.10.0.15, 255.255.255.0
 - 10.10.10.1, 255.255.255.0
- Which of the computers in the network below can operate with each other?



- The computer, "laptop" and mobile device in the picture are connected to the Internet via the router in the picture. The router's IP address is 172.18.226.1 and the subnet mask is 255.255.255.0.



- What should the IP addresses and masks of terminal devices be like in order for Internet access to be possible?
- What kind of IP address should be defined as the default gateway for terminal devices

4. What is the first and last address available for devices on the networks below. Why?
- a) 192.0.0.0 ; 255.255.255.0
 - b) 172.0.0.0 ; 255.255.0.0
 - c) 112.0.0.0 ; 255.0.0.0
 - d) 192.168.0.0 ; 255.255.0.0
5. Find out from your own computer:
- a) Your IP address
 - b) Gateway IP address
 - c) DNS server IP address
 - d) DHCP server IP address
 - e) Does your computer use a public or private IP address

RETURN THE ANSWERS TO ASSIGNMENTS TO MOODLE