# HACETTEPE UNIVERSITY DEPARTMENT OF COMPUTER ENGINEERING BBM 453 LAB EXPERIMENT

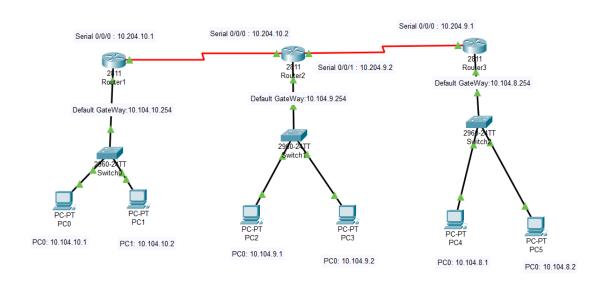


Mehmet Taha USTA – 21527472 Çağlar USLU – 21808388 Group No: 4

# 1. Aim of this experiment is to create a wide area network (WAN) as shown in Figure-2

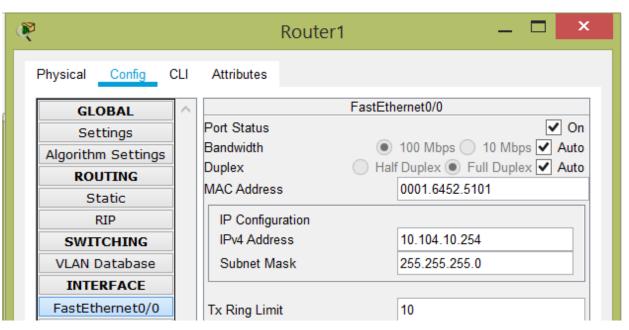
Group id is 4, we set the IP's again.

Example: From 10.100.1.254 to 10.104.1.254

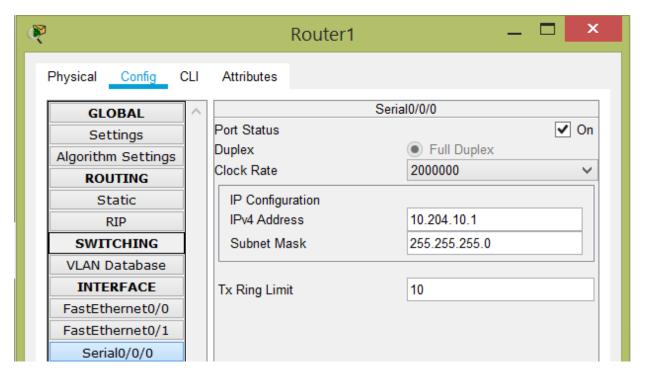


All connections have been made correctly. All connections are green lights.

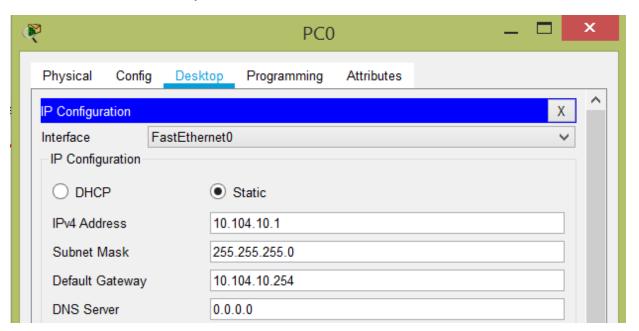
# Router1 FastEthernet0/0 info

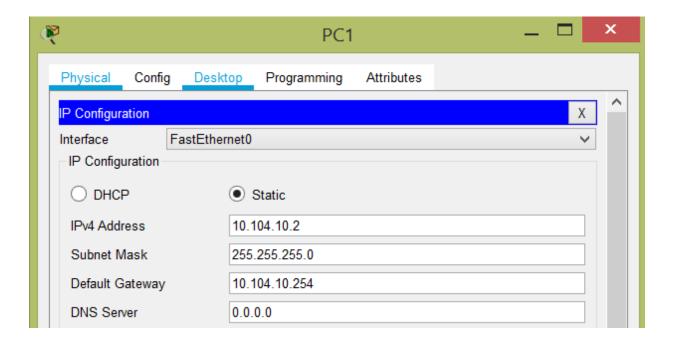


#### Router1 Serial0/0/0 info

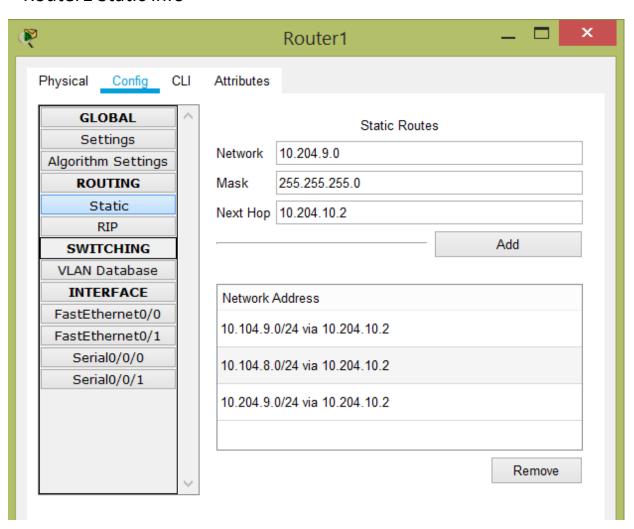


## Information of computers connected to the router1

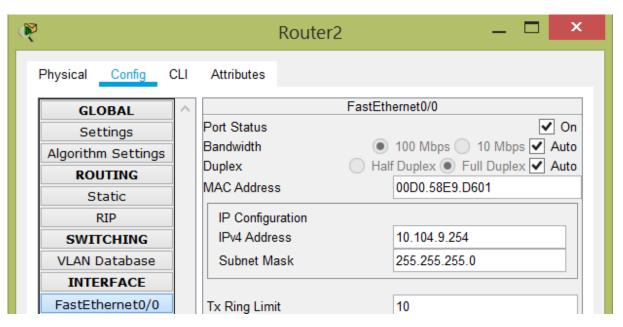




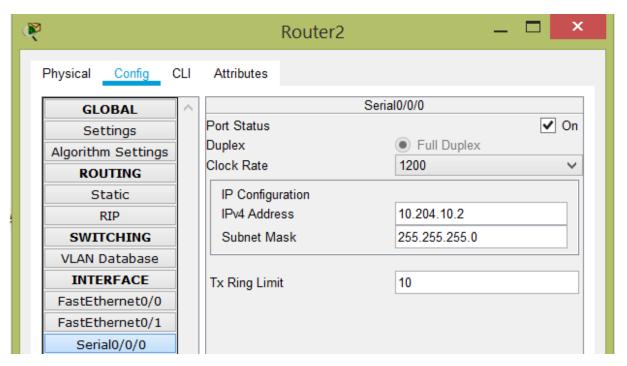
#### Router1 Static info



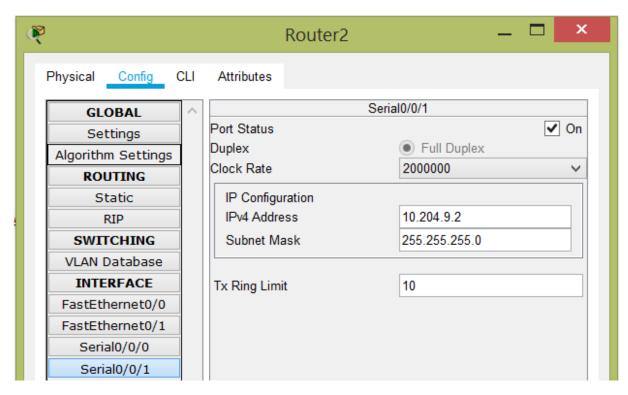
#### Router2 FastEthernet0/0 info



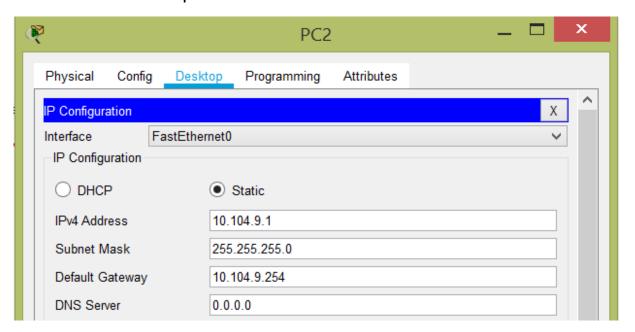
#### Router2 Serial0/0/0 info

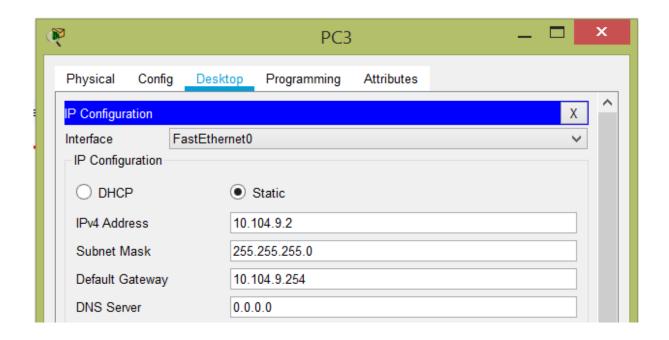


#### Router2 Serial0/0/1 info

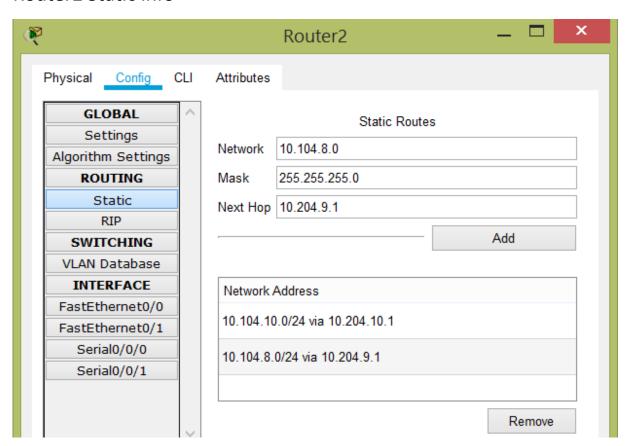


## Information of computers connected to the router2

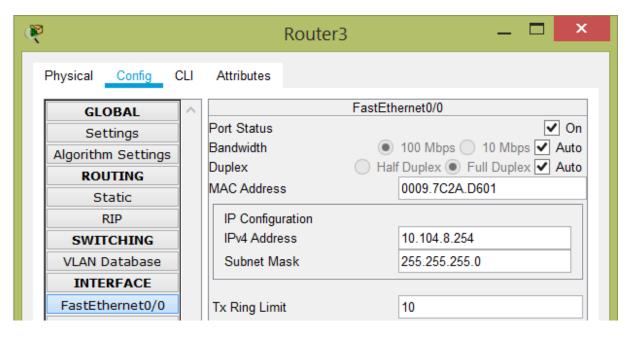




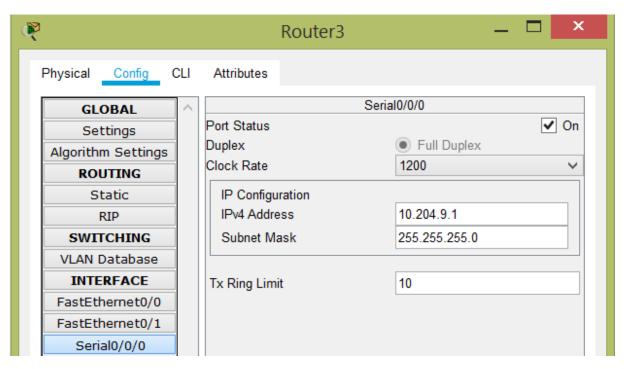
#### Router2 Static info



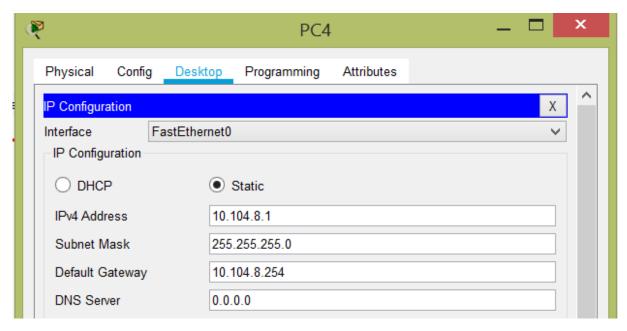
#### Router3 FastEthernet0/0 info

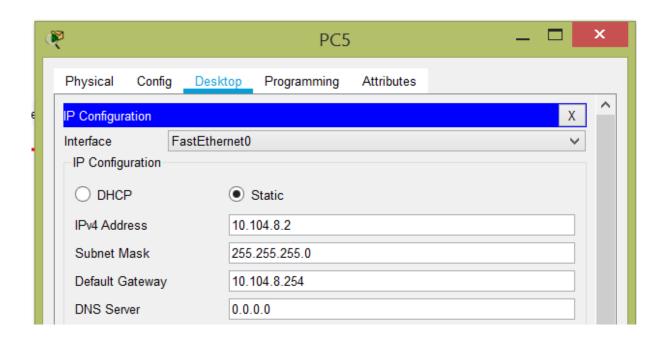


#### Router3 Serial0/0/0 info

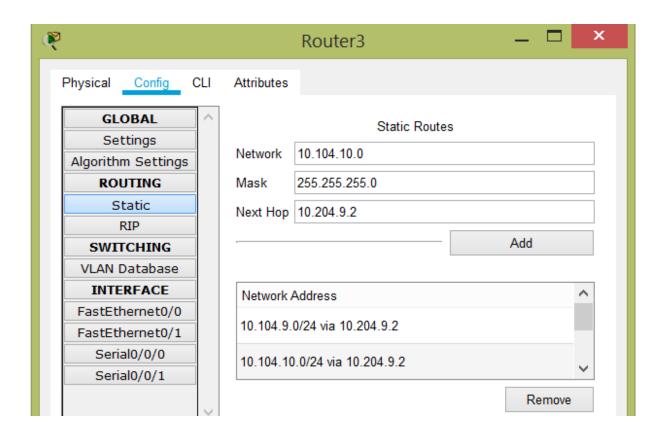


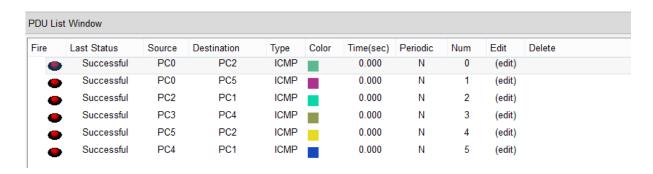
# Information of computers connected to the router3





#### Router3 Static info





#### Ping from PC0 to PC4

```
_ 🗖
                                                                      ×
                                  PC<sub>0</sub>
Physical
         Config
                 Desktop
                          Programming
                                       Attributes
Command Prompt
                                                                     Χ
 Pinging 10.104.10.2 with 32 bytes of data:
 Reply from 10.104.10.2: bytes=32 time<1ms TTL=128
 Reply from 10.104.10.2: bytes=32 time<1ms TTL=128
 Reply from 10.104.10.2: bytes=32 time=1ms TTL=128
 Reply from 10.104.10.2: bytes=32 time<1ms TTL=128
 Ping statistics for 10.104.10.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 0ms, Maximum = 1ms, Average = 0ms
 C:\>ping 10.104.8.1
 Pinging 10.104.8.1 with 32 bytes of data:
 Reply from 10.104.8.1: bytes=32 time=2ms TTL=125
 Reply from 10.104.8.1: bytes=32 time=12ms TTL=125
 Reply from 10.104.8.1: bytes=32 time=11ms TTL=125
 Reply from 10.104.8.1: bytes=32 time=12ms TTL=125
 Ping statistics for 10.104.8.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 2ms, Maximum = 12ms, Average = 9ms
 C:\>
Top
```

#### Ping from PC5 to PC1

```
×
P
                                   PC5
 Physical
           Config
                  Desktop
                           Programming
                                        Attributes
                                                                     X
  Command Prompt
  Packet Tracer PC Command Line 1.0
  C:\>ping 10.104.10.2
  Pinging 10.104.10.2 with 32 bytes of data:
  Reply from 10.104.10.2: bytes=32 time=2ms TTL=125
  Reply from 10.104.10.2: bytes=32 time=2ms TTL=125
  Reply from 10.104.10.2: bytes=32 time=12ms TTL=125
  Reply from 10.104.10.2: bytes=32 time=15ms TTL=125
  Ping statistics for 10.104.10.2:
      Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
  Approximate round trip times in milli-seconds:
      Minimum = 2ms, Maximum = 15ms, Average = 7ms
```

