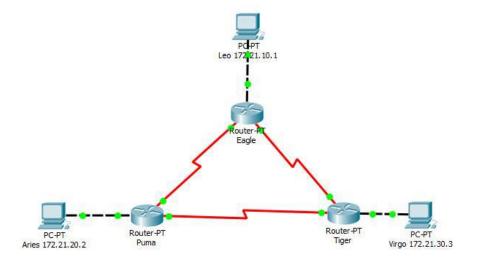
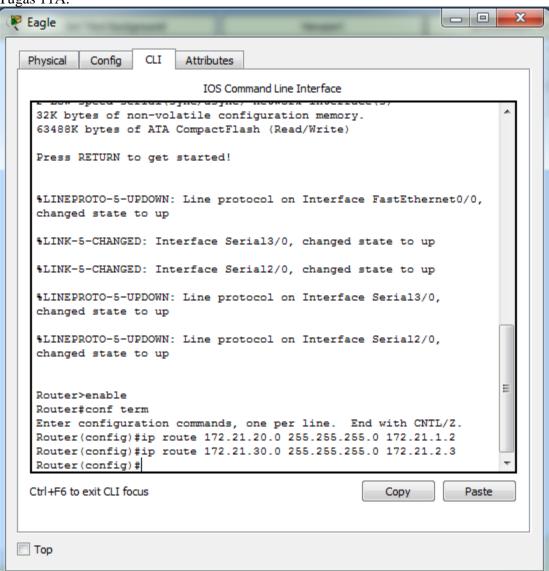
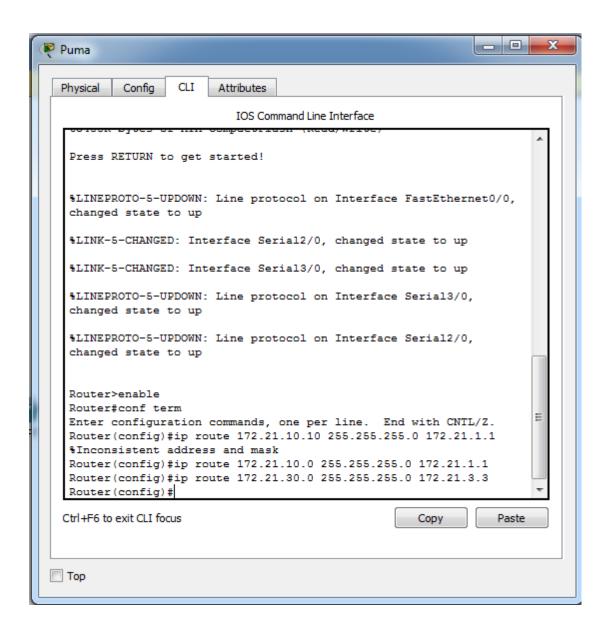
Nama : Puji Nugroho Kelas : C

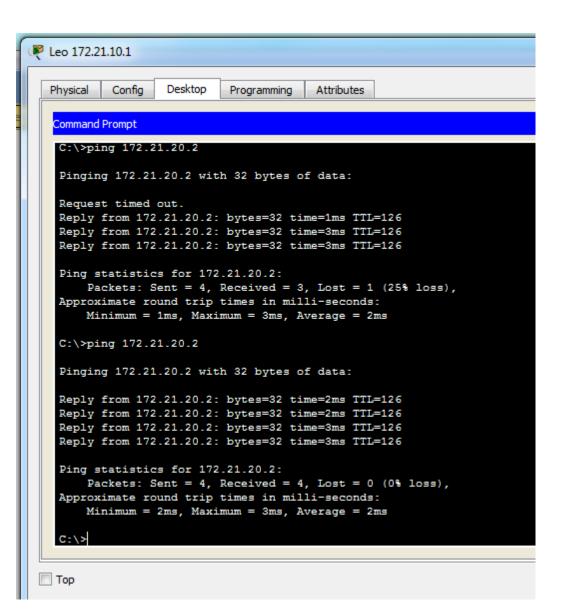
NIM: L200170123 **KEGIATAN 1** 



Tugas 11A:



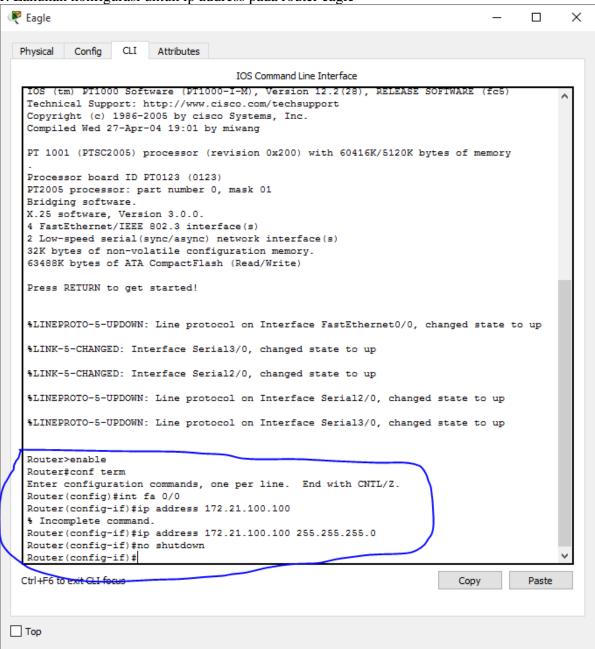




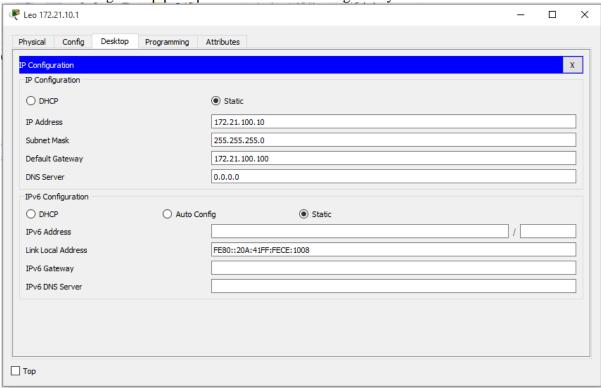
Tugas 12A: Iya mendapatkan tanggapan dari Puma. Hal ini dikarenakan telah dibuat peroutingan untuk data lewat melalui jalur yang mana.

#### Tugas 12B:

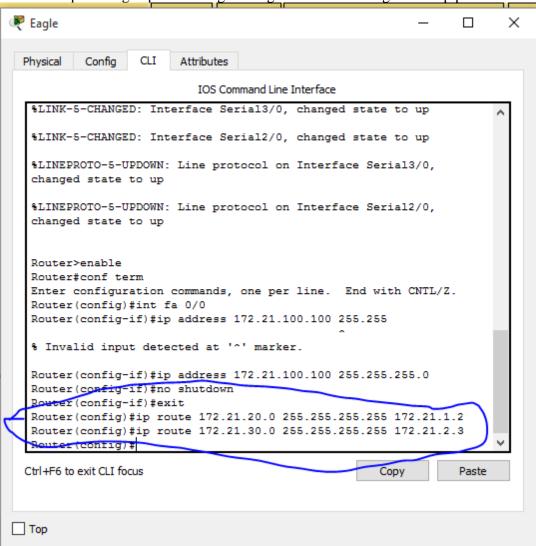
1. Lakukan konfigurasi untuk ip address pada router eagle

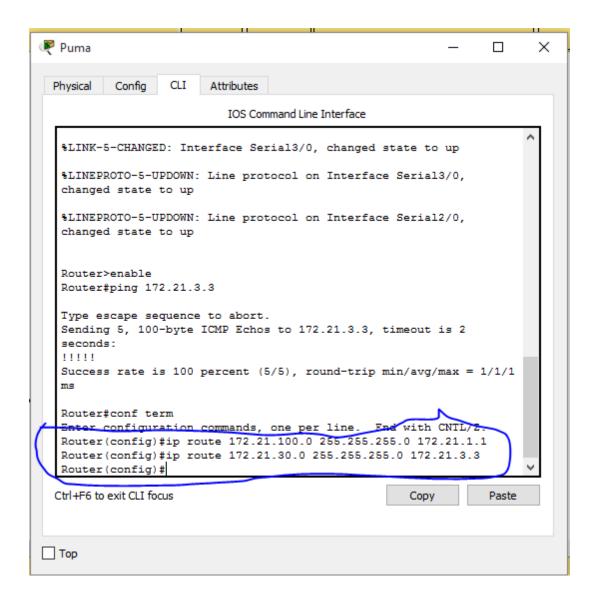


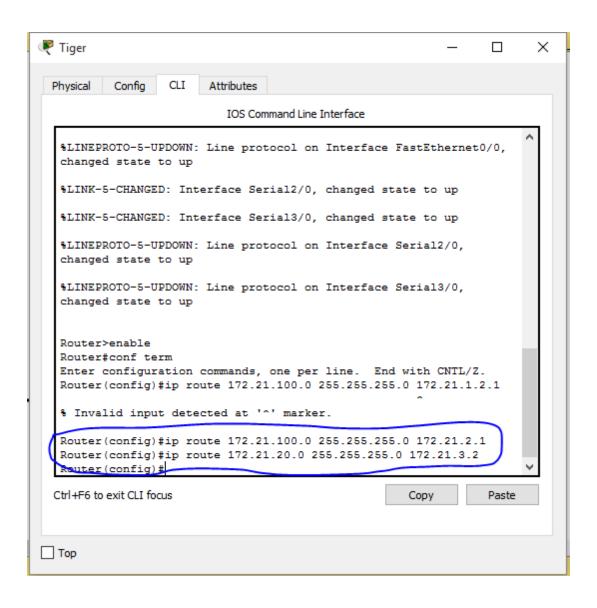
2. Lakukan konfigurasi ip pada pc leo dan ubah default gateway.



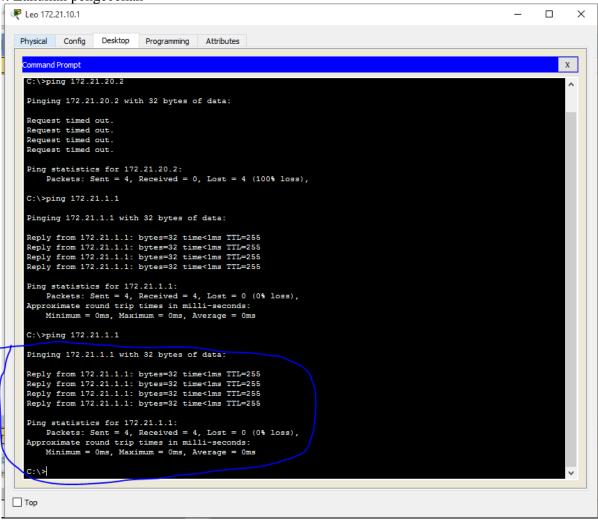
3. Lakukan peroutingan pada masing-masing router sesuai dengan blok ip pc

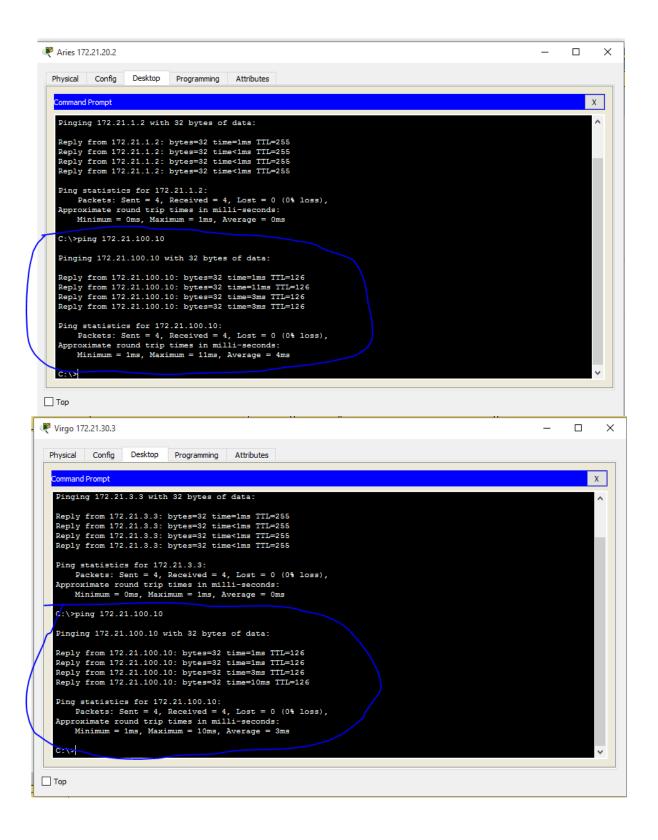






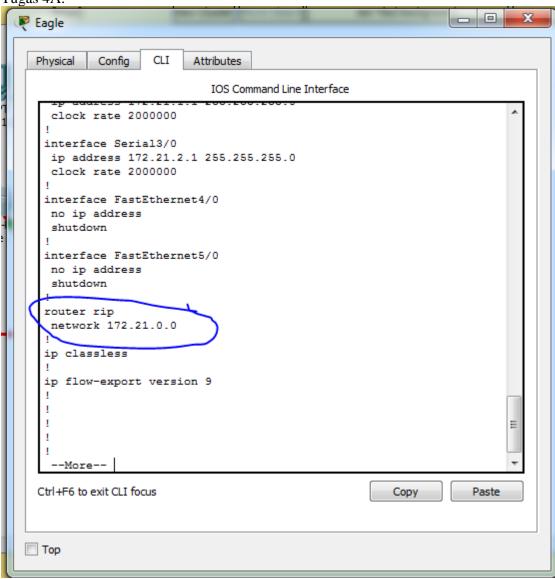
4. Lakukan pengecekan





### **KEGIATAN 2**

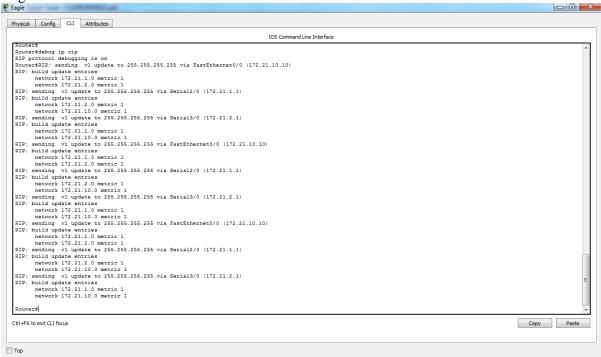
Tugas 4A:



#### Tugas 4B:

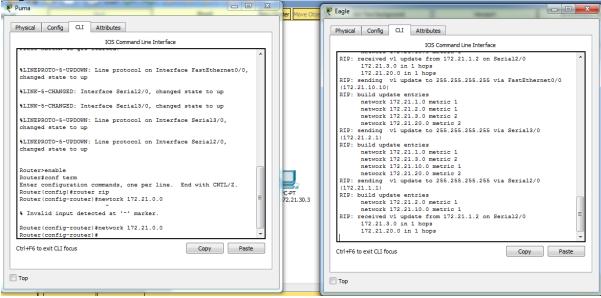
Karena network 172.21.0.0 sudah mencakup semua alamat jariangan lain.

Tugas 5A:



Debug berfungsi melihat transaksi yang terjadi.

Tugas 6A dan 6B:

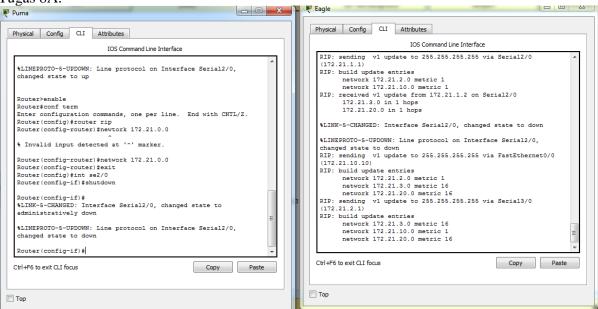


Setelah router Puma dilakukan routing rip maka pada router eagle secara otomatis mengupdate entries untuk routing rip.

### Tugas 6C:

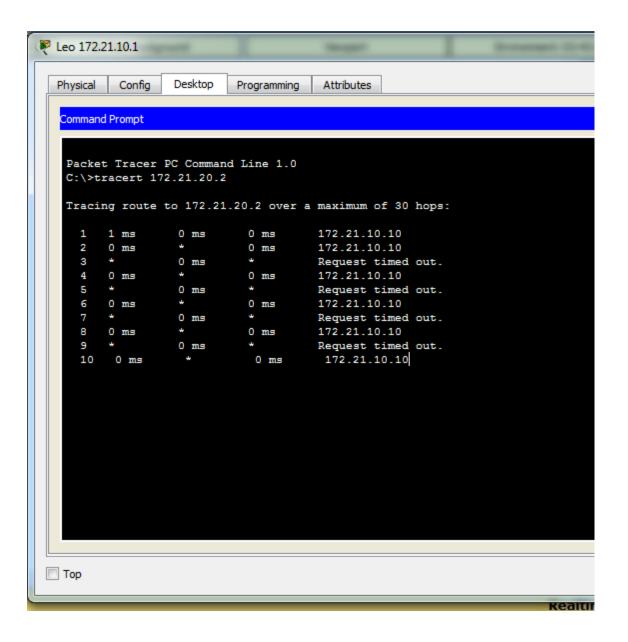
Tidak perlu. Hal tersebut karena network yang dipakai adalah 172.21.0.0 yang dimana masih dalam satu jaringan.

Tugas 8A:



Routing otomatis di downkan dan dimana melalui serial 3/0 yang terjadi di mana hops juga berubah.

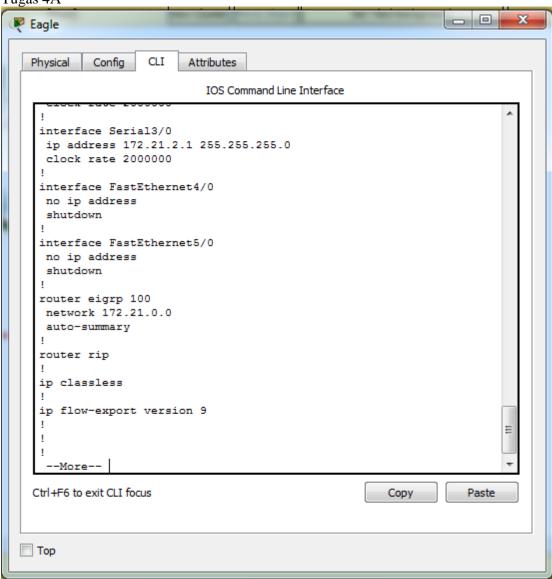
# Tugas 9A:



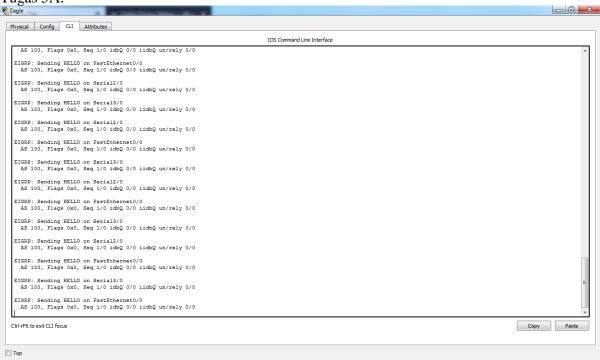
Dikarenakan hubungan di downkan maka hasil routing yang berawal dari dimulai menjadi berhenti dan menghasilkan RTO karena jaringan tidak terhubung.

### **KEGIATAN 3**

Tugas 4A

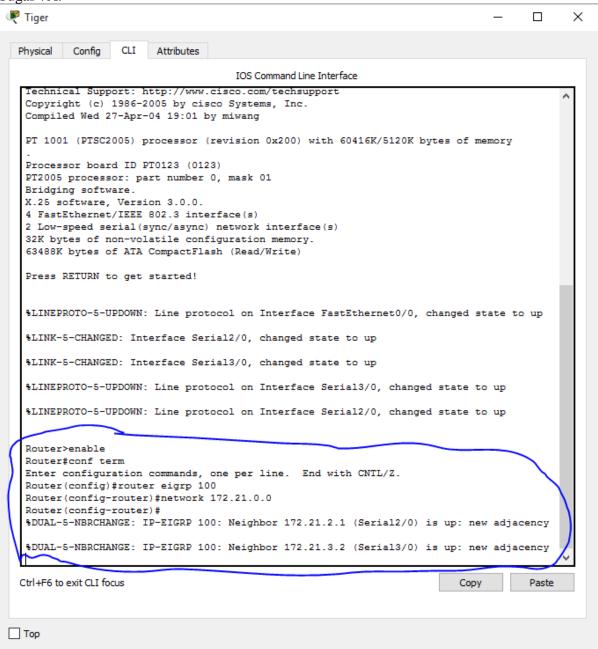


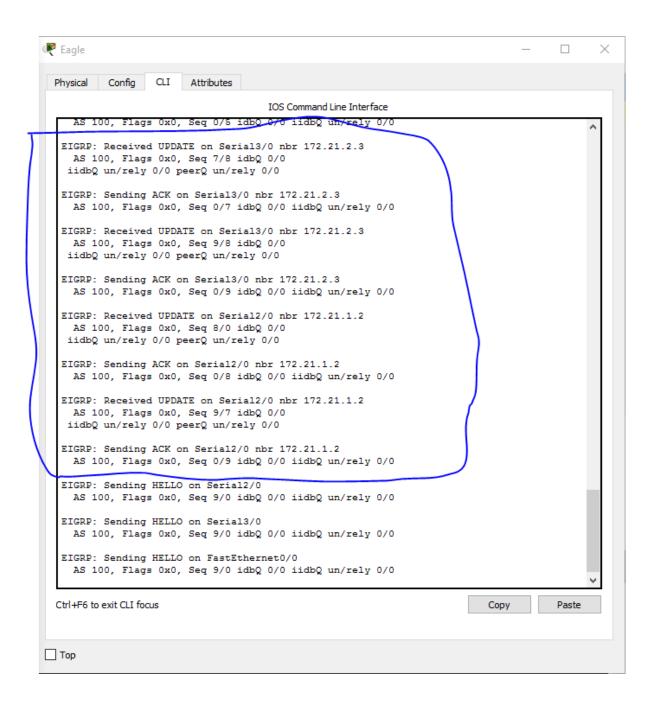
Tugas 5A:



Terjadi suatu transaksi yang mengiri tanda ataupun sapa untuk router lain dan komputer melalui fa dan serial.

#### Tugas 7A:





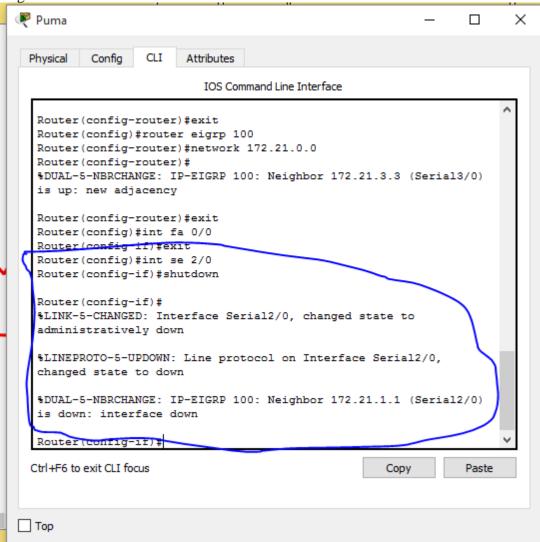
# Tugas 7B:

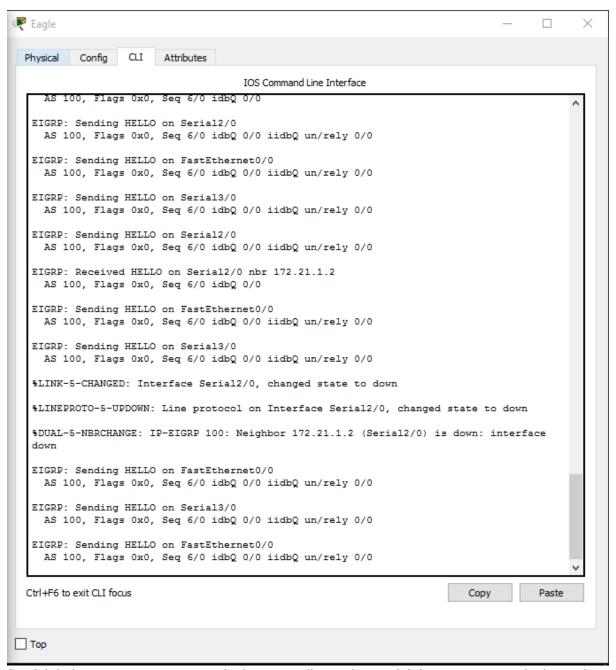
Setelah router puma dikonfigurasi maka di router eagle otomatis meng-update kemudia mengirim ack dan seterusnya hingga proses selesai.

# Tugas 7C:

Tidak perlu. Kan tetap berada pada jaringan yang sama dan karena peroutingan sudah dinamis.

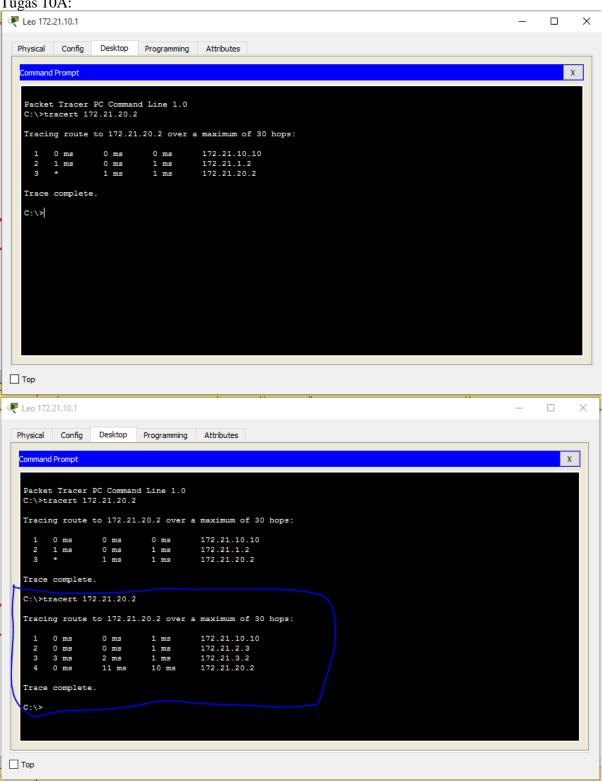
#### Tugas 9A:





Setelah hubungan antara router eagle dan puma di putuskan melalui router puma maka juga ada pemberitahuan dan upadate pada router eagle.

Tugas 10A:

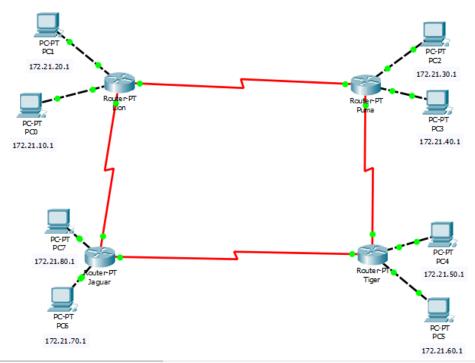


Setelah router terputus waktu yang dibutuhkan untuk mengirim data menjadi berbeda. Juga terdapat perbedaan pada hops atau jalan yang dilalui.

# **TUGAS MODUL 5**

#### **STATIC**

# 1. Desain jaringan



# 2. Melakukam konfigurasi ip router dengan pembagian

### a. Lion

- fa 0/0 = 172.21.10.10
- fa 1/0 = 172.21.20.20
- se 2/0 = 172.21.1.1
- se 3/0 = 172.21.2.1

#### b. Puma

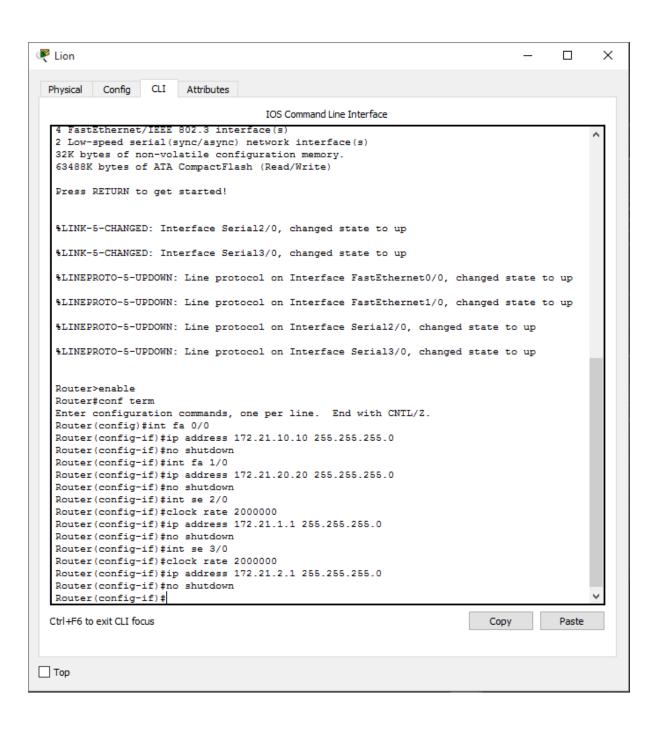
- fa 0/0 = 172.21.30.10
- fa 1/0 = 172.21.40.20
- se 2/0 = 172.21.1.2
- se 3/0 = 172.21.3.1

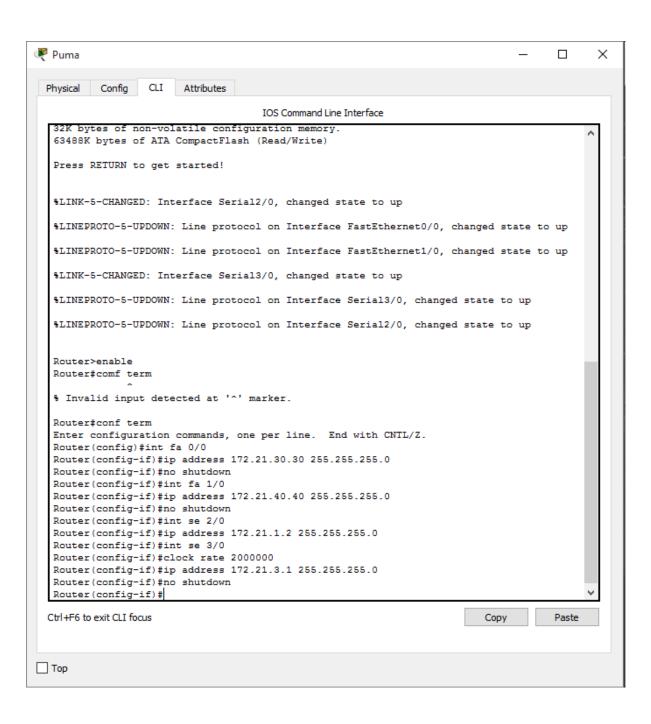
### c. Tiger

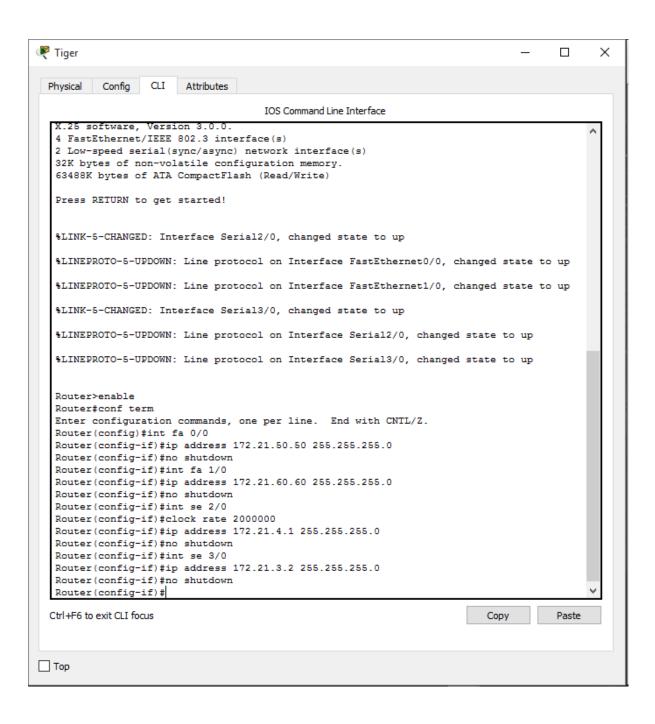
- fa 0/0 = 172.21.50.10
- fa 1/0 = 172.21.60.20
- se 2/0 = 172.21.4.1
- se 3/0 = 172.21.3.2

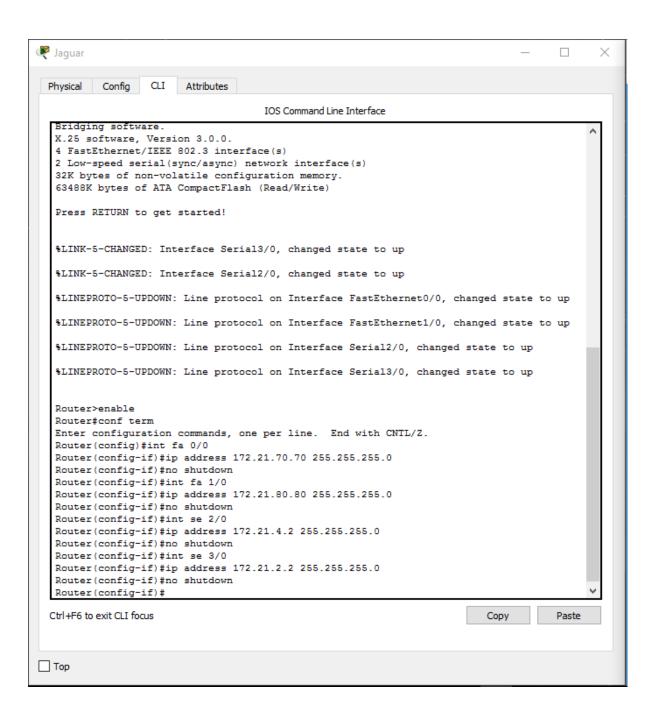
### d. Jaguar

- fa 0/0 = 172.21.70.10
- fa 1/0 = 172.21.80.20
- fa 2/0 = 172.21.4.2
- fa 3/0 = 172.21.2.2

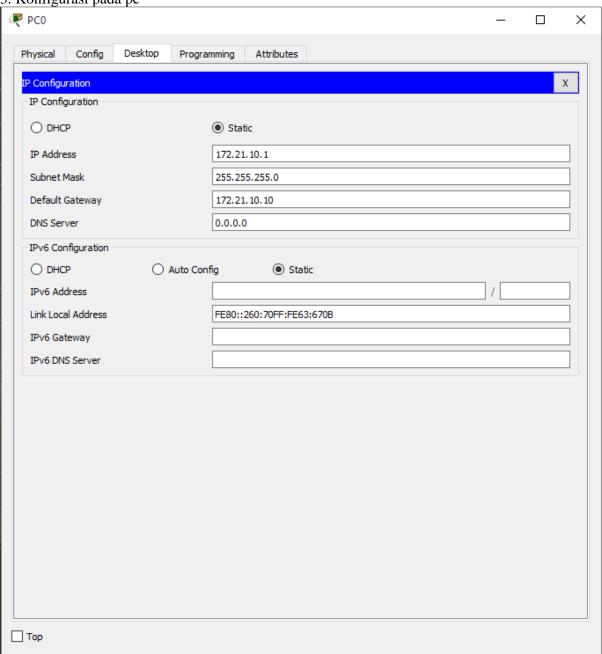


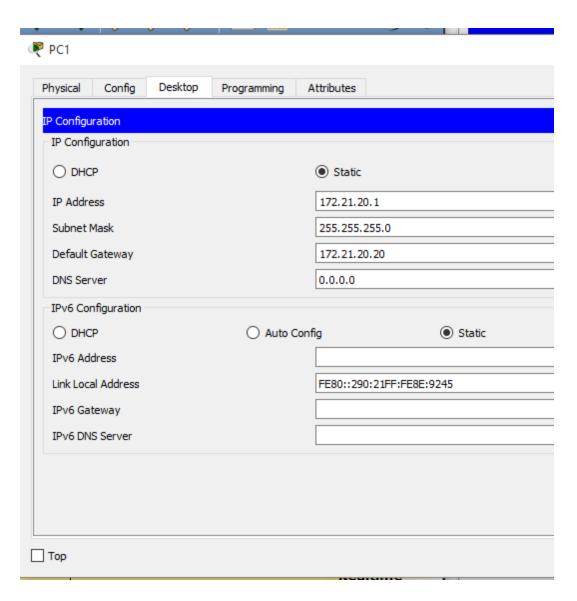


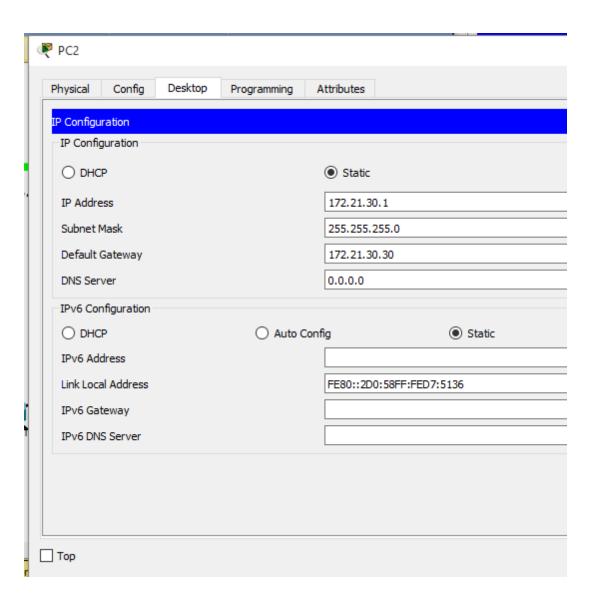


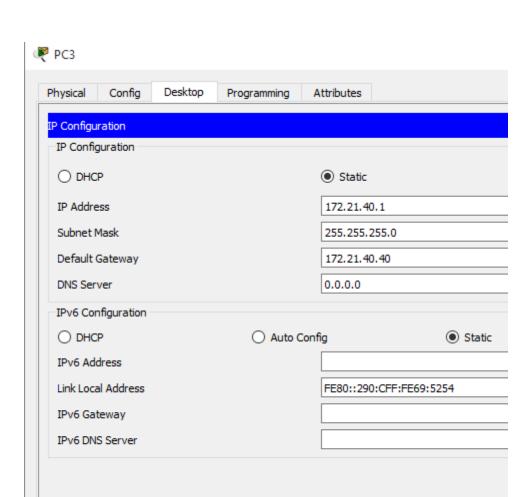


3. Konfigurasi pada pc

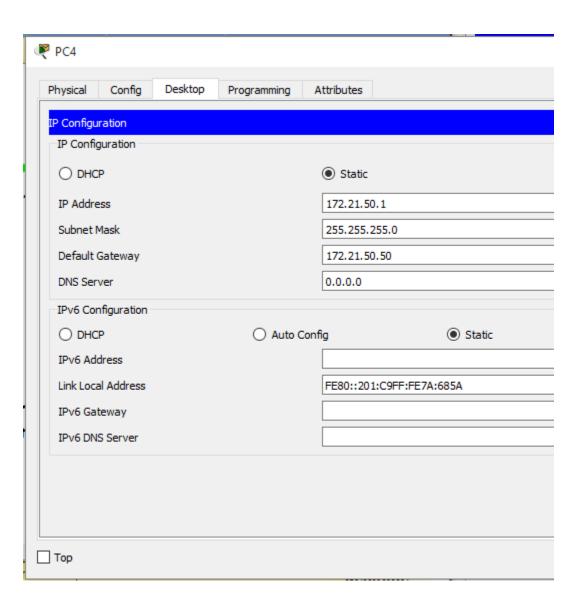


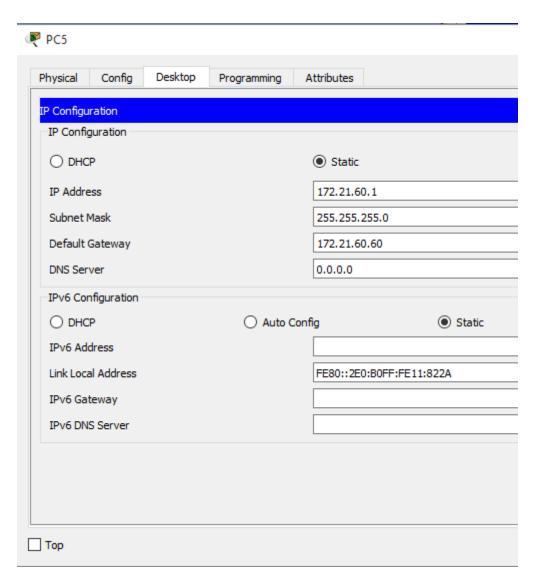


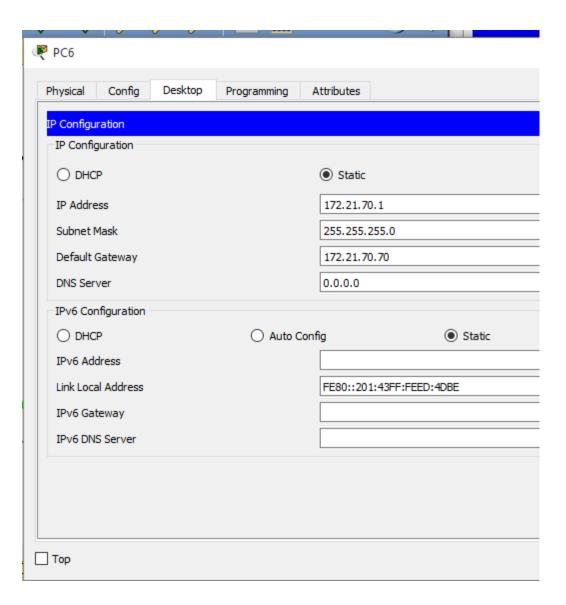


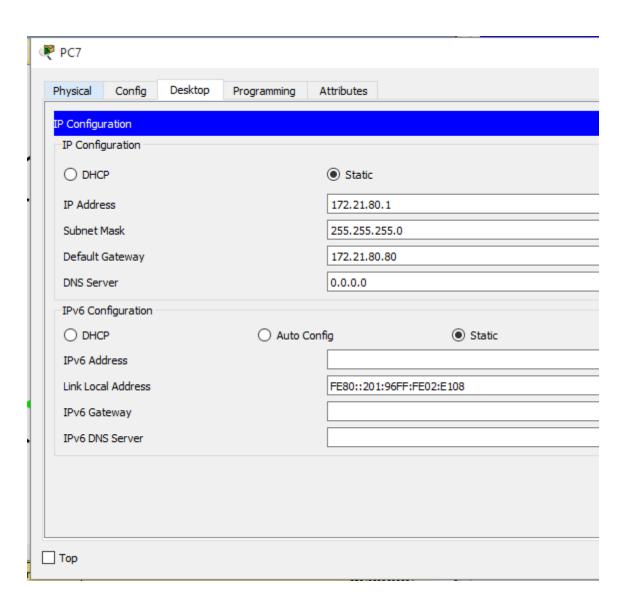


□ Тор

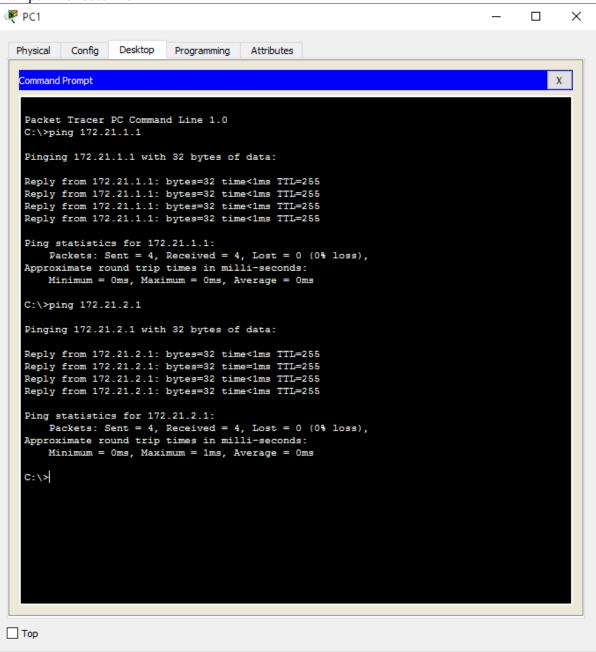




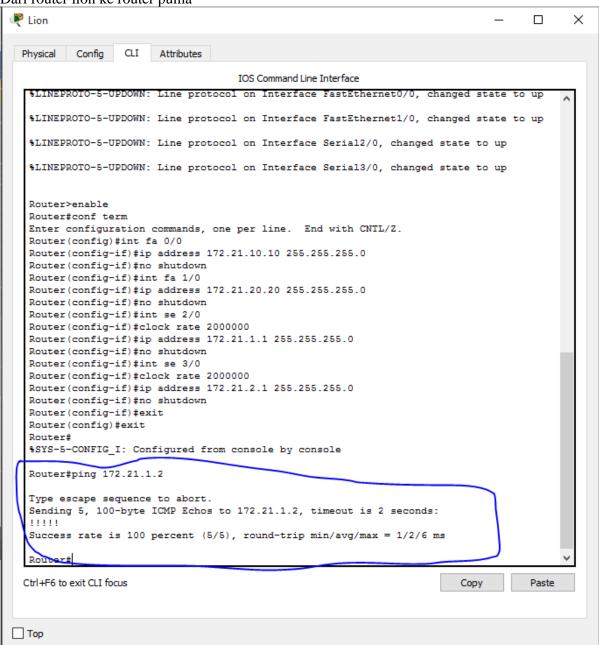




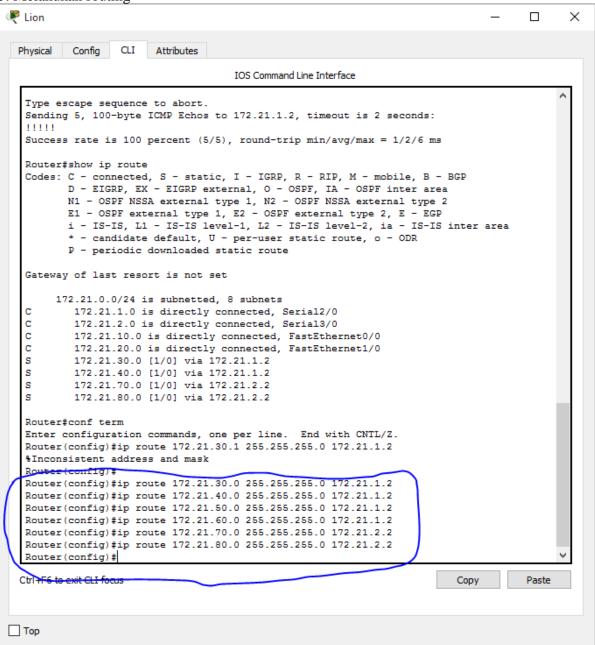
# 4. Melakukan cek koneksi Dari pc 1 ke router lion

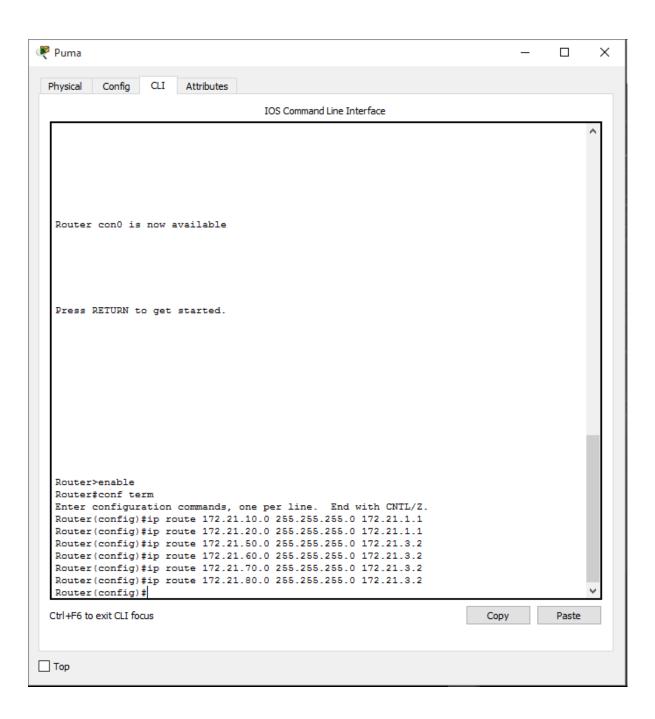


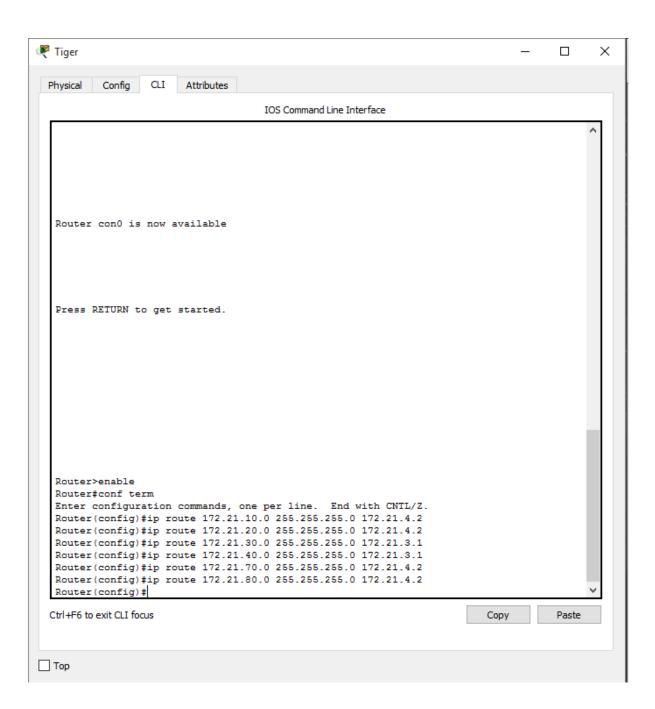
Dari router lion ke router puma

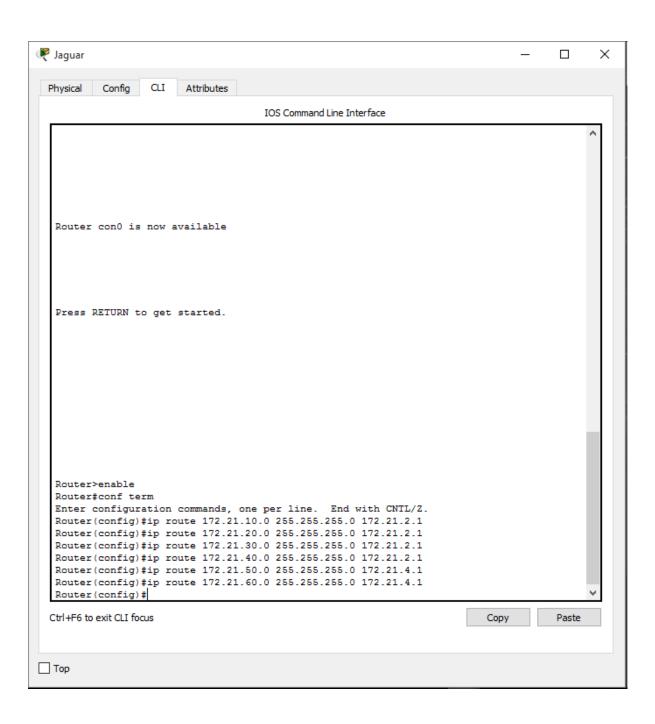


5. Melakukan routing

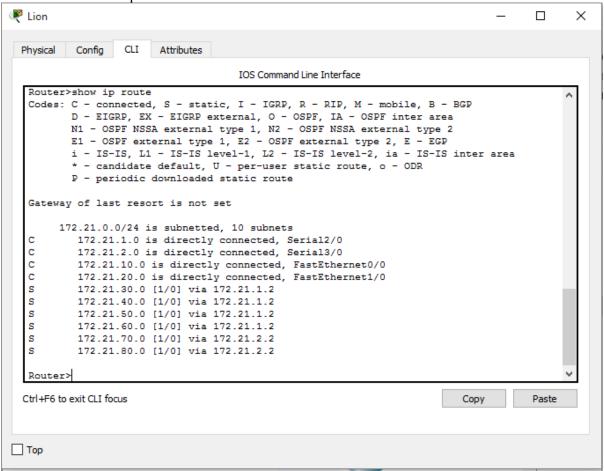


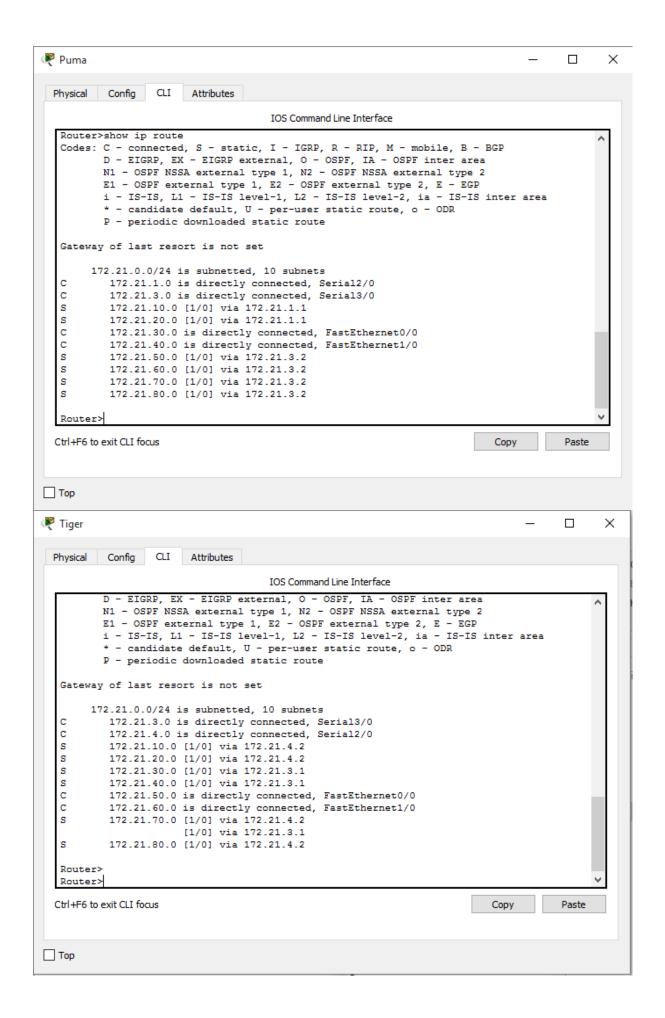


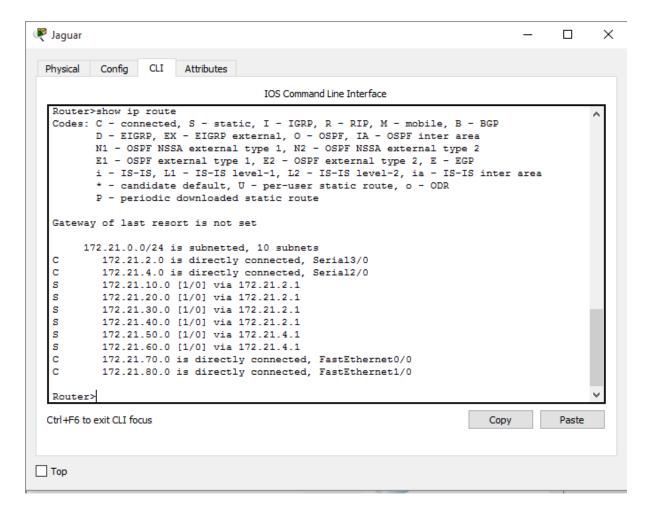




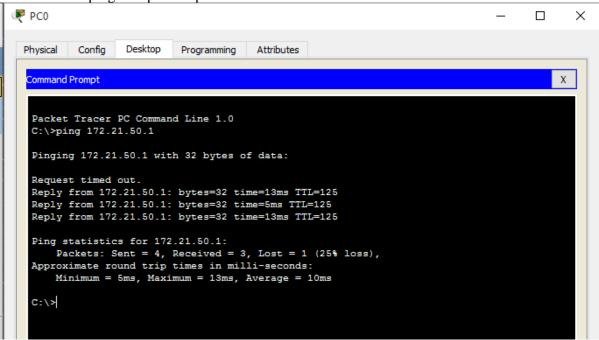
6. Melakukan show ip route





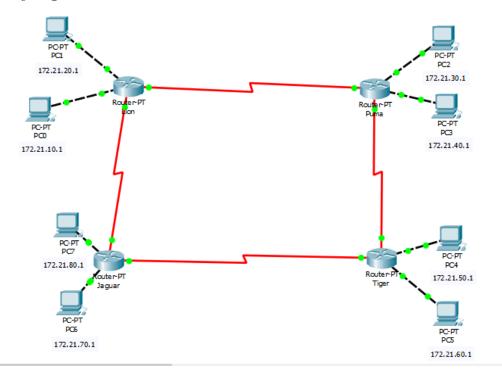


7. Melakukan ping dari pc 0 ke pc 4

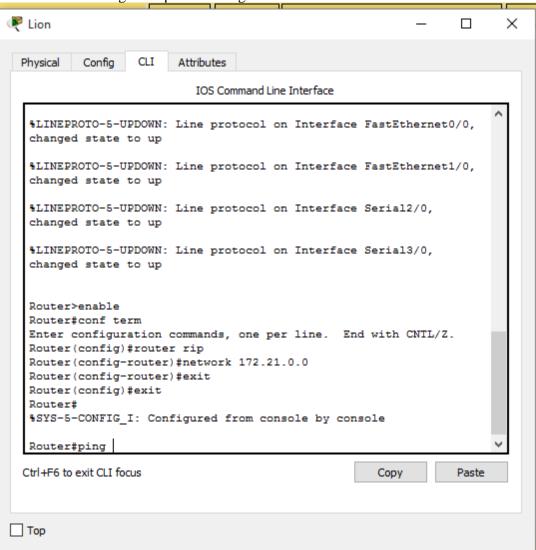


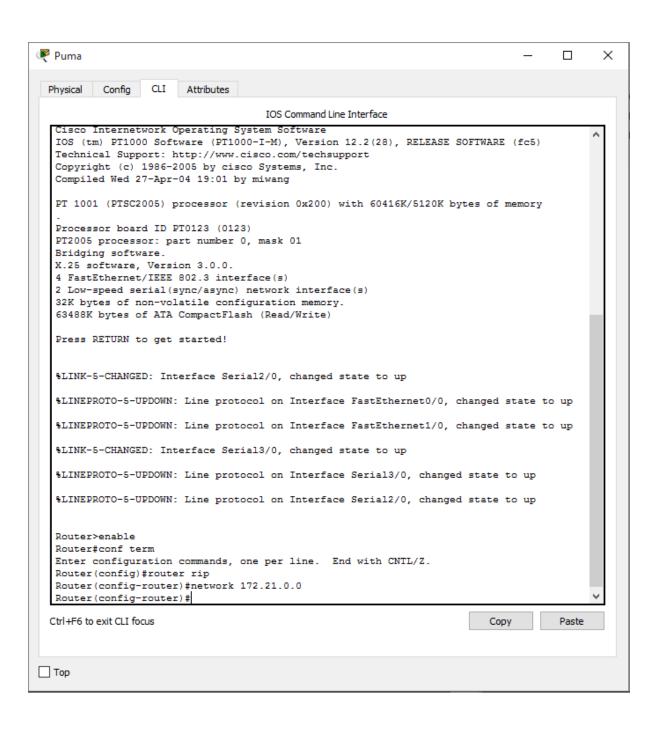
#### **RIP**

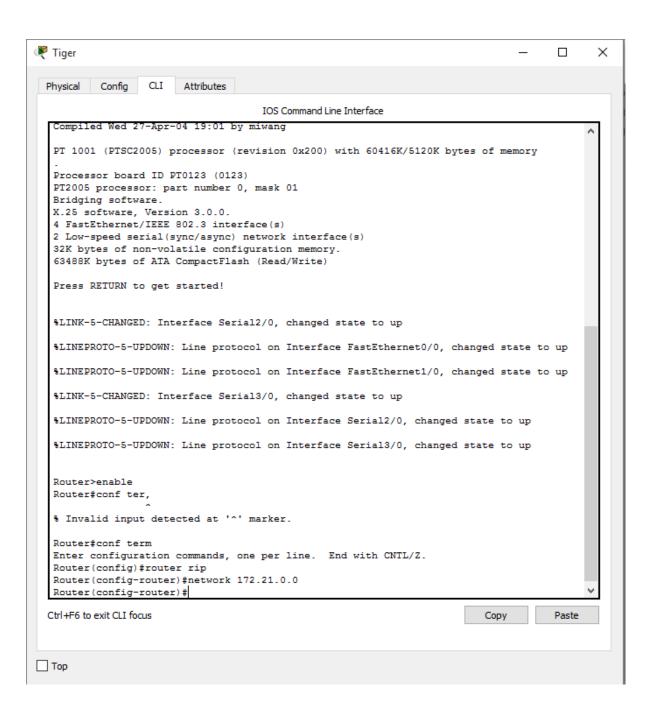
### 1. Desain jaringan

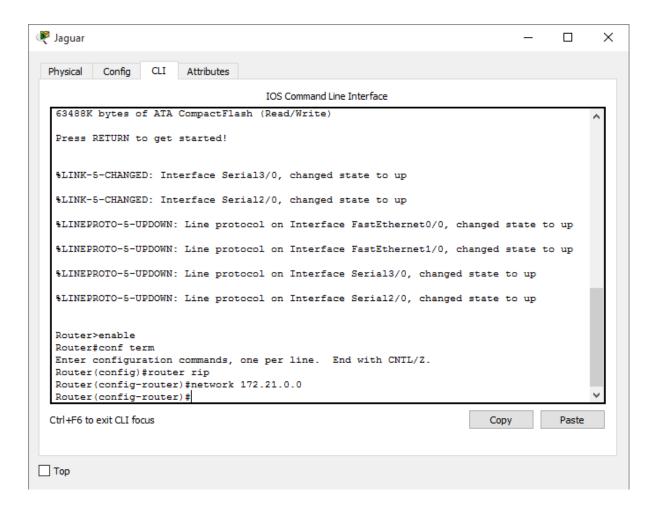


2. Melakukan konfigurasi ip dan routing

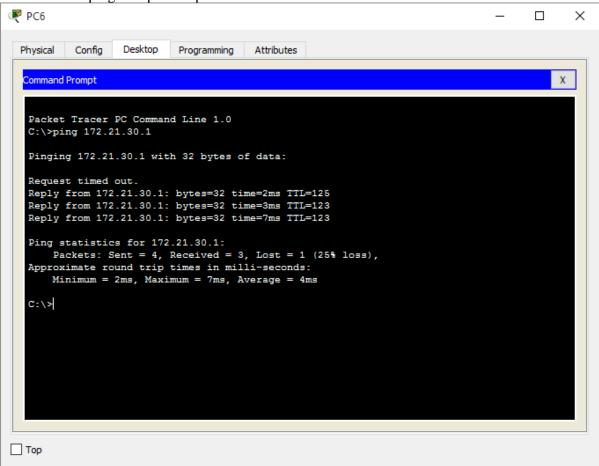






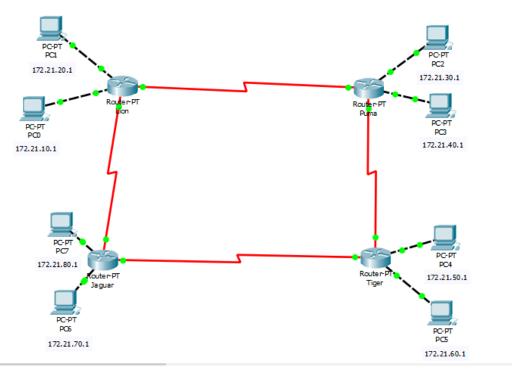


3. Melakukan ping dari pc 6 ke pc 2

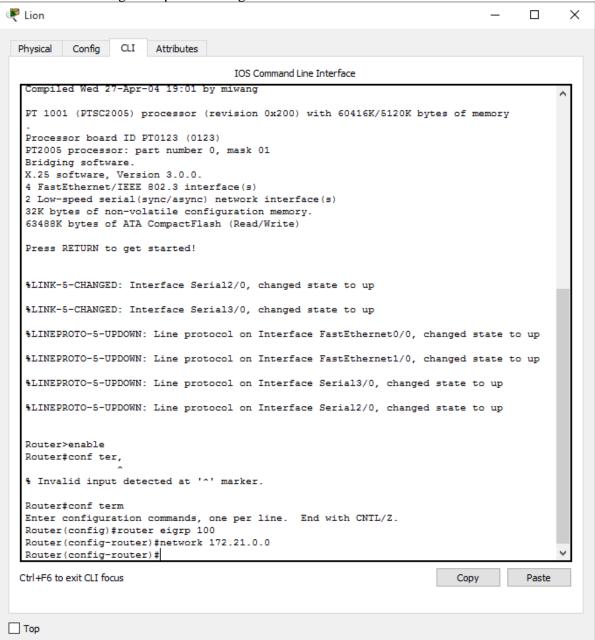


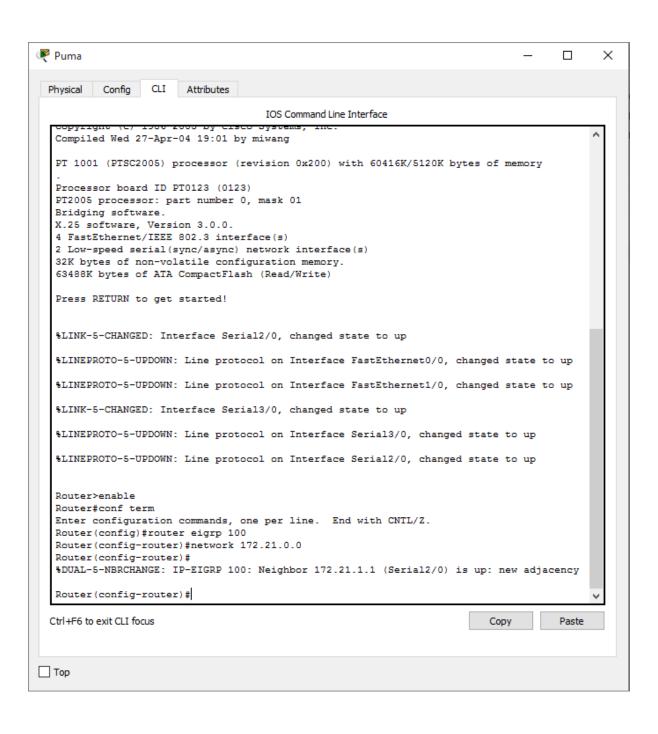
## **IGRP**

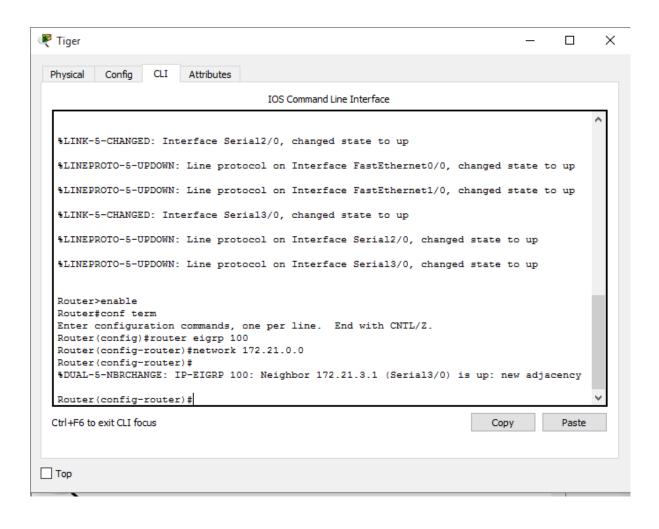
### 1. Desain jaringan

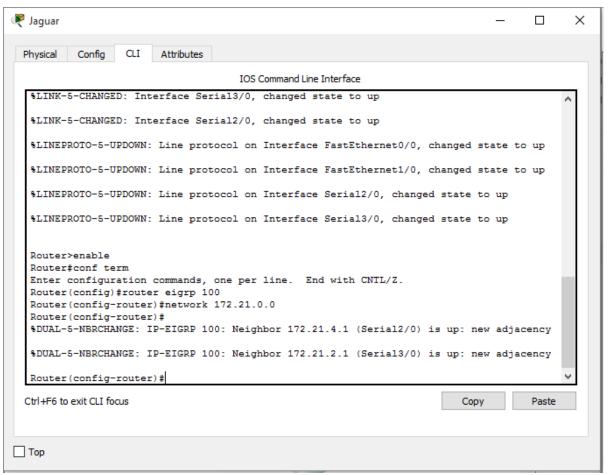


2. Melakukan konfigurasi ip dan routing secara otomatis









3. Melakukan ping dari pc 4 ke pc 0

```
PC4
                                                                                            Physical
      Config
                 Desktop
                           Programming
                                         Attributes
Command Prompt
                                                                                                 Х
Packet Tracer PC Command Line 1.0
C:\>ping 172.21.10.1
Pinging 172.21.10.1 with 32 bytes of data:
Request timed out.
Reply from 172.21.10.1: bytes=32 time=2ms TTL=125 Reply from 172.21.10.1: bytes=32 time=6ms TTL=125
Reply from 172.21.10.1: bytes=32 time=3ms TTL=125
Ping statistics for 172.21.10.1:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 6ms, Average = 3ms
C:\>
```