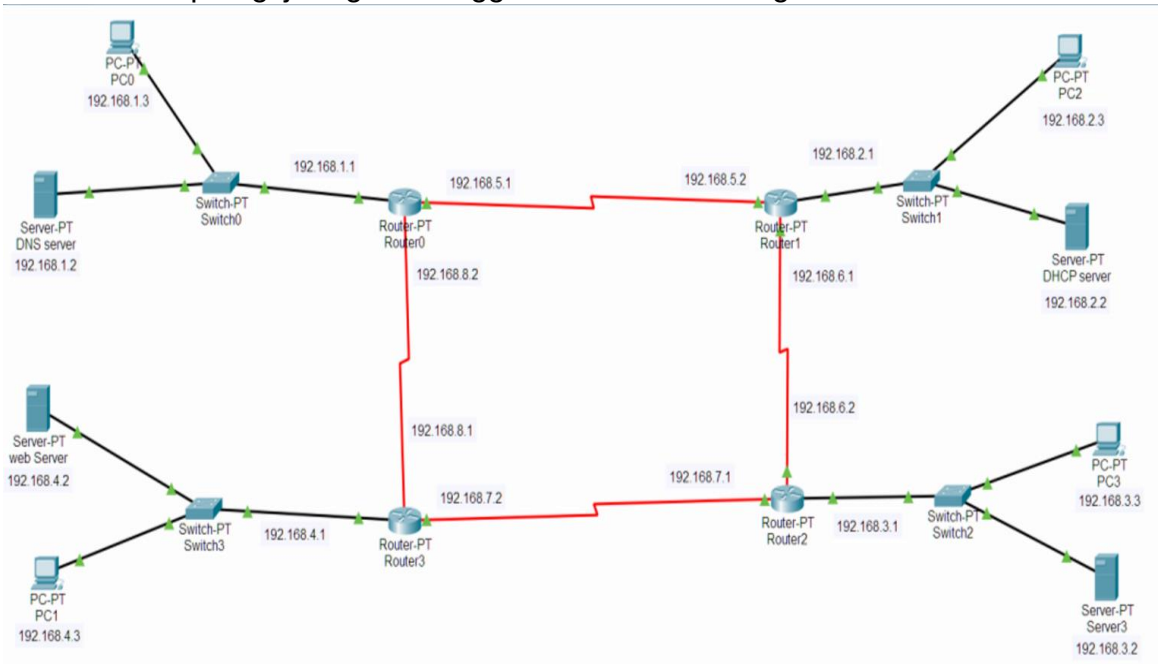
Hesti Putri Utami
L200170009
Kelas A

1. Buatlah topologi jaringan menggunakan router seri generic !



2. Lakukan konfigurasi pengalamatan ip terhadap ROUTER 1,2,3,4 PC 1, 2, 3, dan 4 !

Router 0	Server DNS	PC 0
SE 2/0 (ip add 192.168.5.1)	Ip add 192.168.1.2	Ip add 192.168.1.3
SE 3/0 (ip add 192.168.8.2)		
Fa 0/0 (ip add 192.168.1.1)		

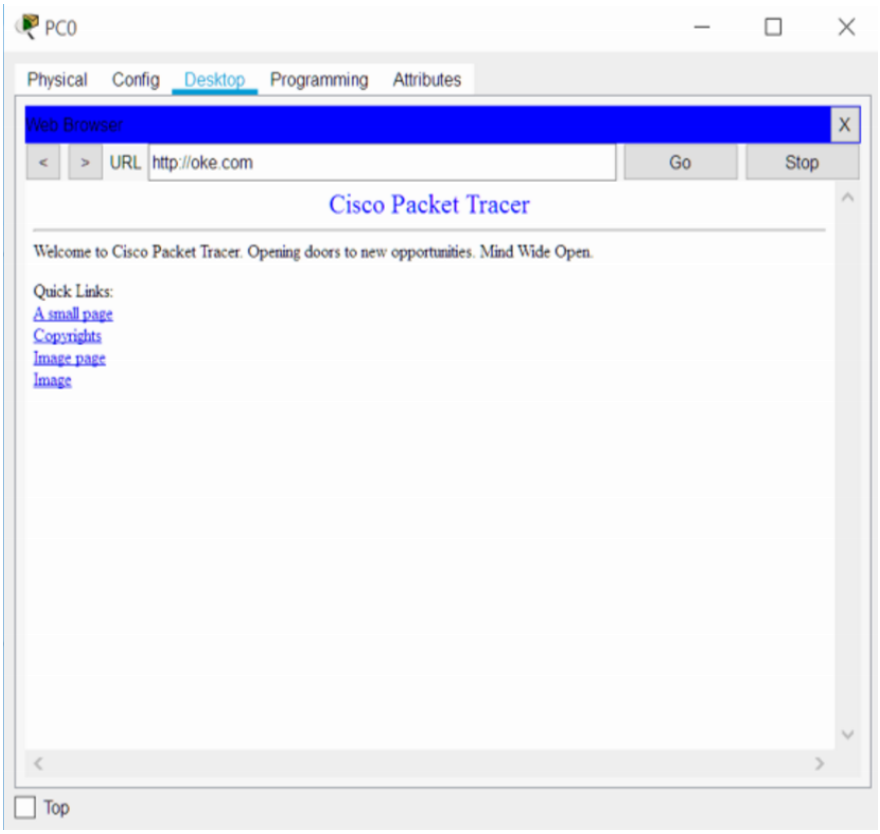
Router 1	Server DHCP	PC 2
SE 2/0 (ip add 192.168.6.1)	Ip add 192.168.2.2	Otomatis sesuai pengaturan dhcp yang dibuat (ip add 192.168.2.3)
SE 3/0 (ip add 192.168.5.2)		
Fa 0/0 (ip add 192.168.2.1)		

Router 2	Server3	PC 3
SE 2/0 (ip add 192.168.7.1)	Ip add 192.168.3.2	Ip add 192.168.3.3
SE 3/0 (ip add 192.168.6.2)		
Fa 0/0 (ip add 192.168.3.1)		

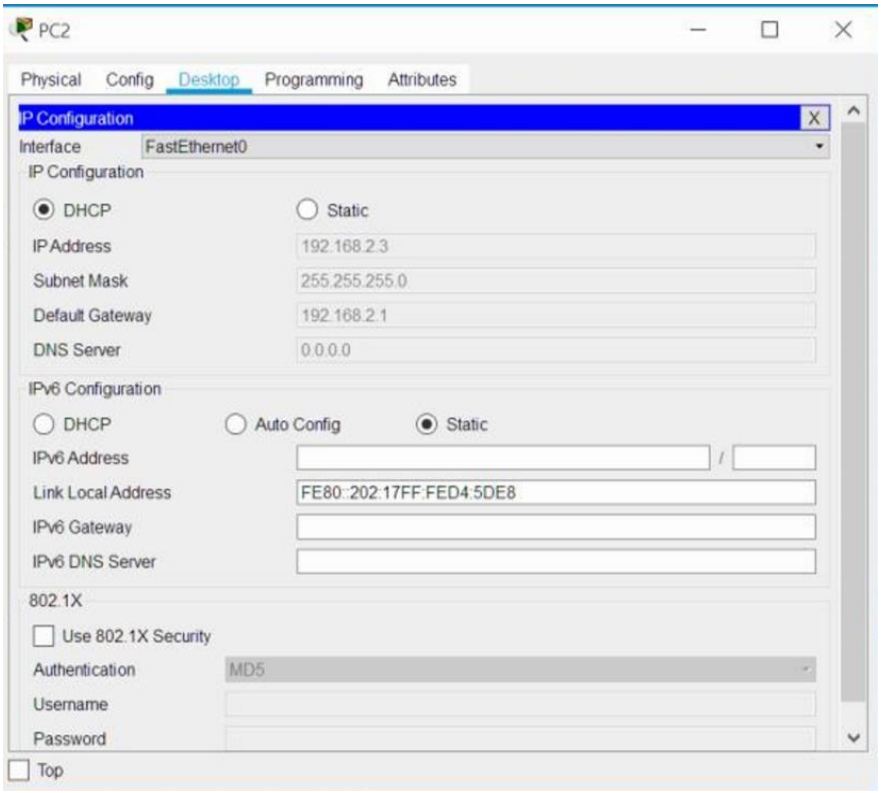
Router 3	Server Web	PC 1
SE 2/0 (ip add 192.168.8.1)	Ip add 192.168.4.2	Ip add 192.168.4.3
SE 3/0 (ip add 192.168.7.2)		
Fa 0/0 (ip add 192.168.4.1)		

Test no.2

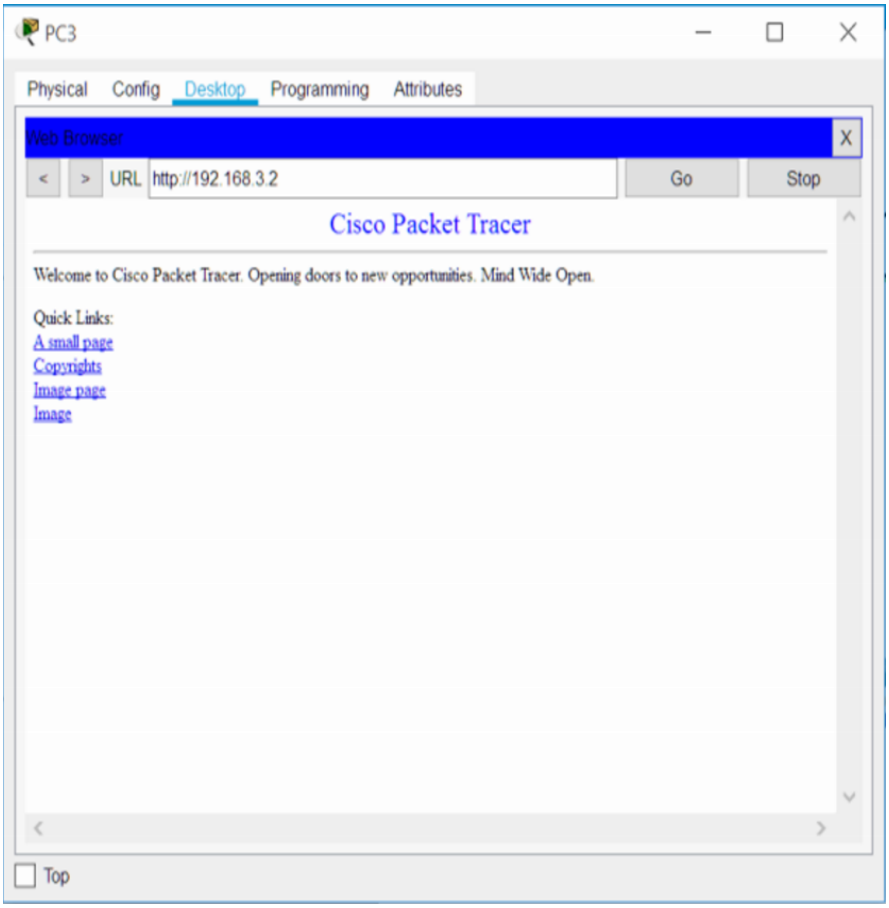
- DNS server



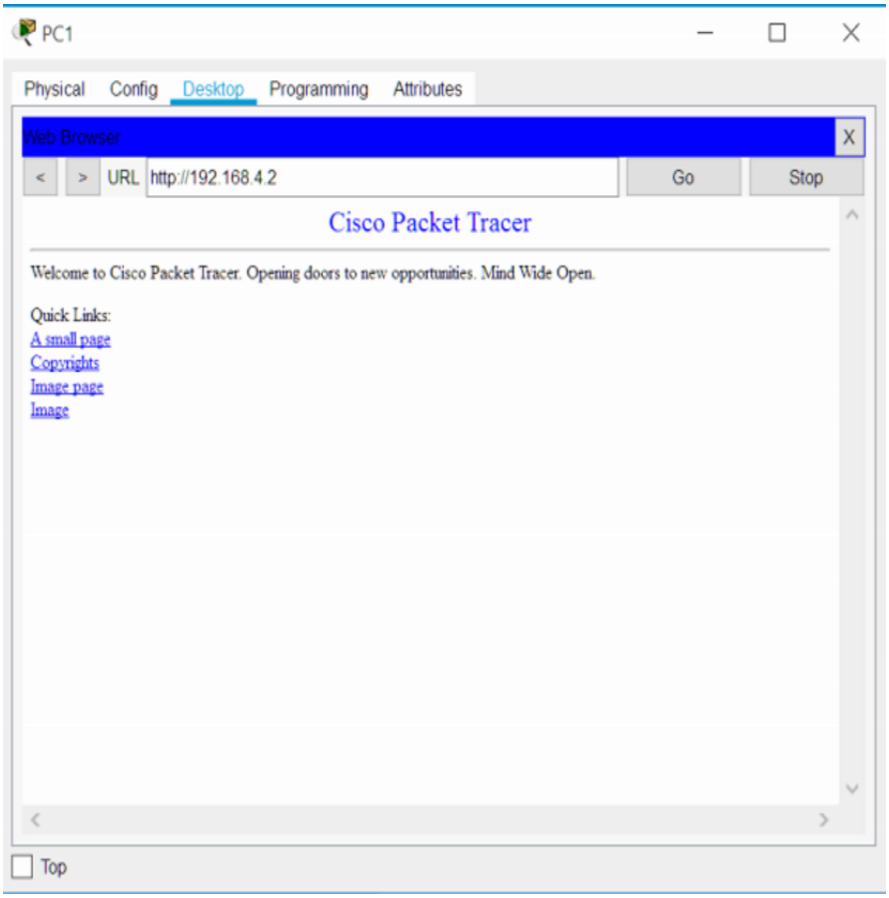
- DHCP Server



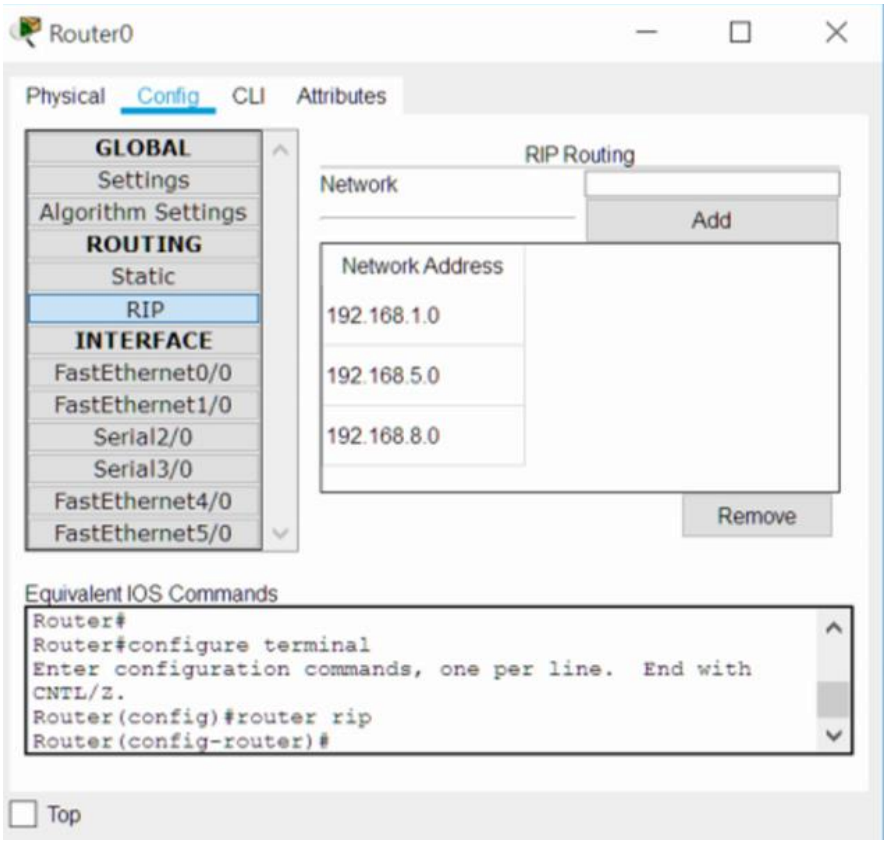
- Server3



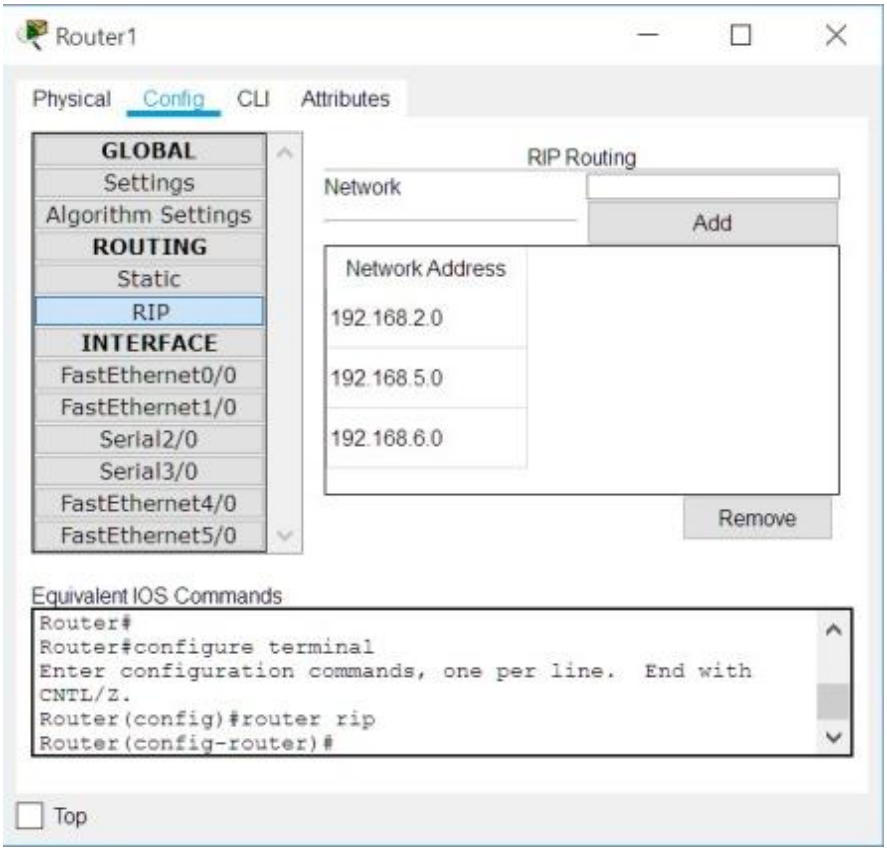
- Server Web



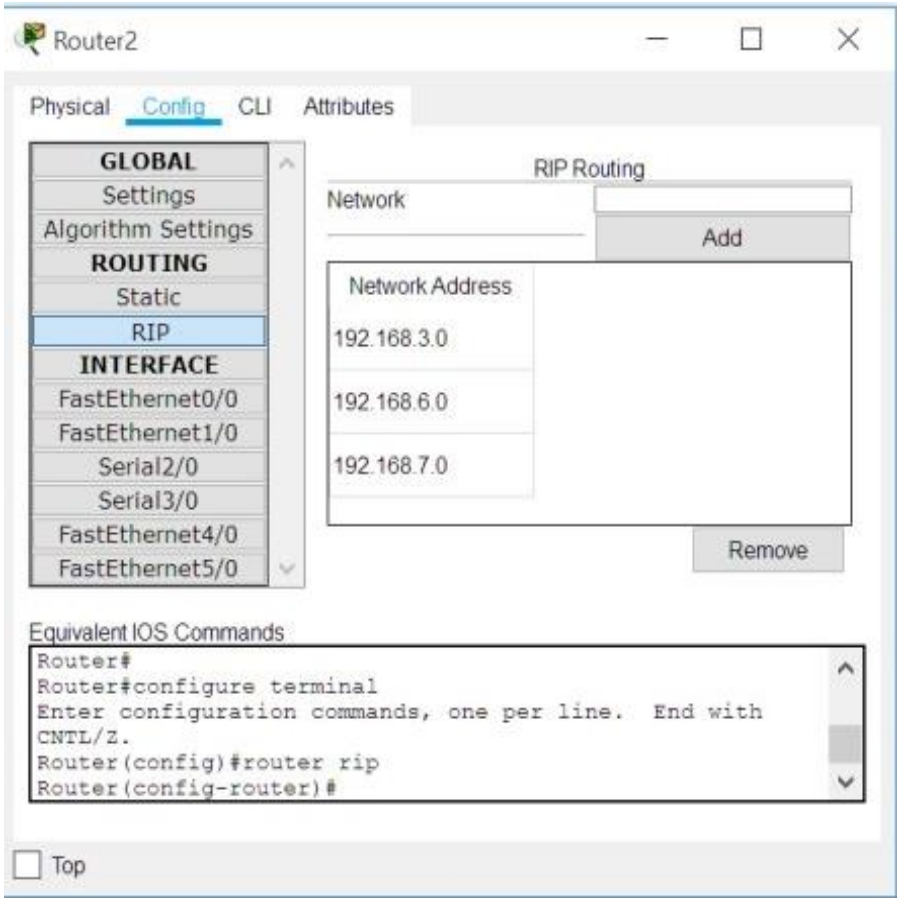
3. Lakukan konfigurasi routing dinamis menggunakan protocol routing RIP pada 4 router tersebut !
   a. router 0



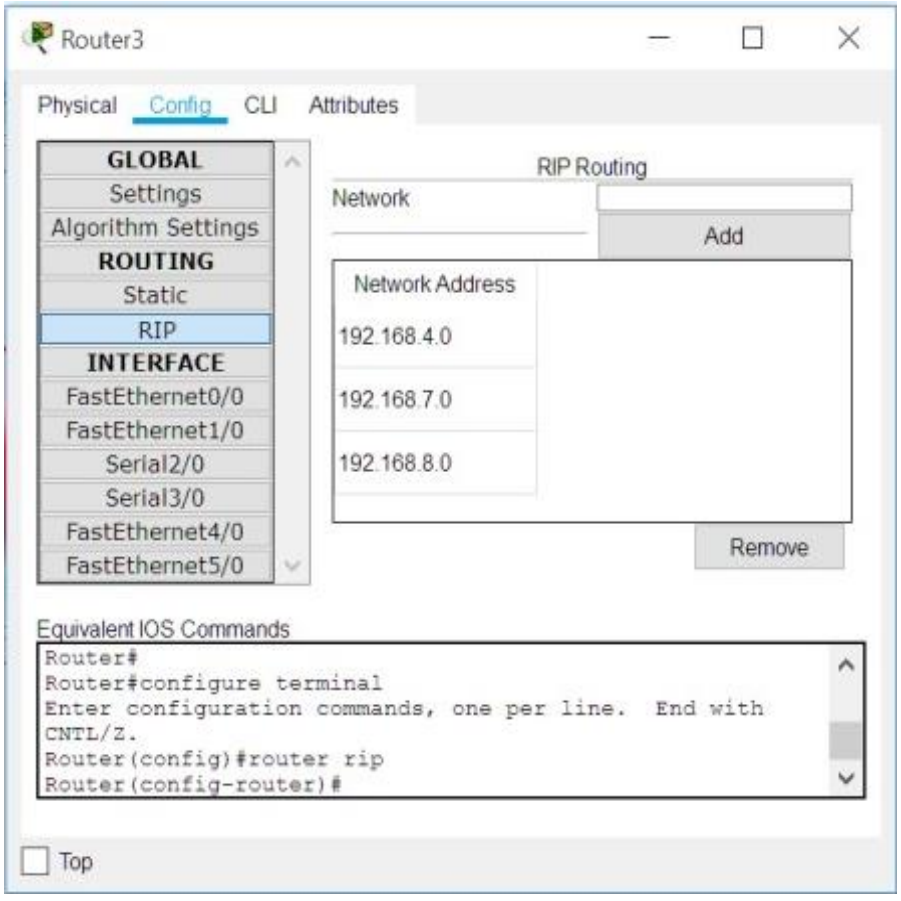
   b. router 1



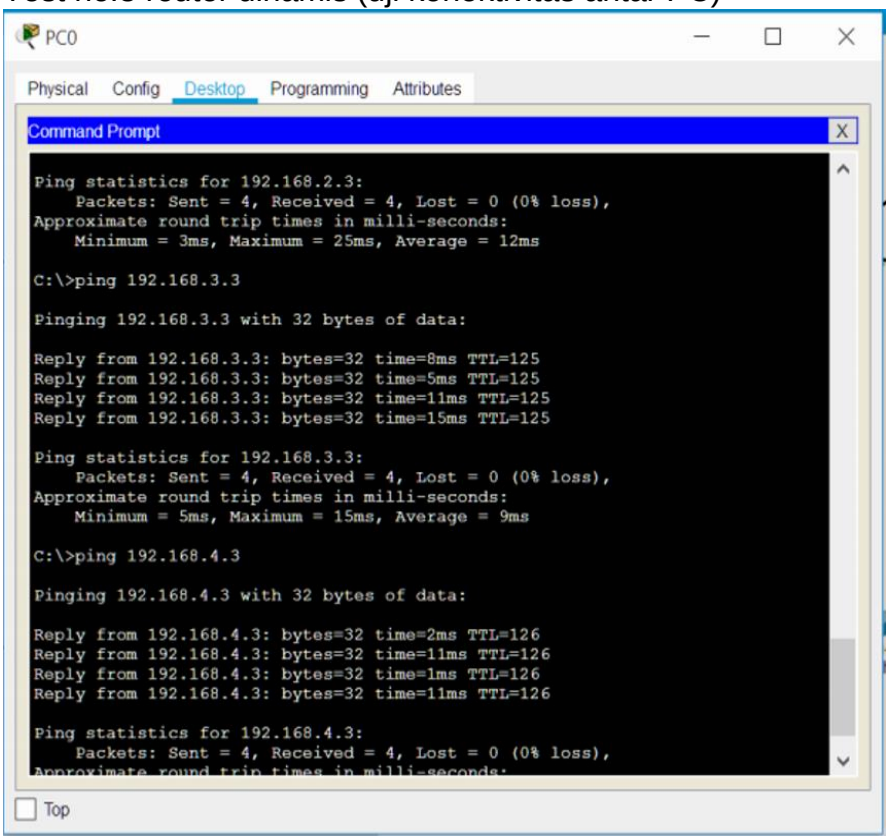
c. router 2



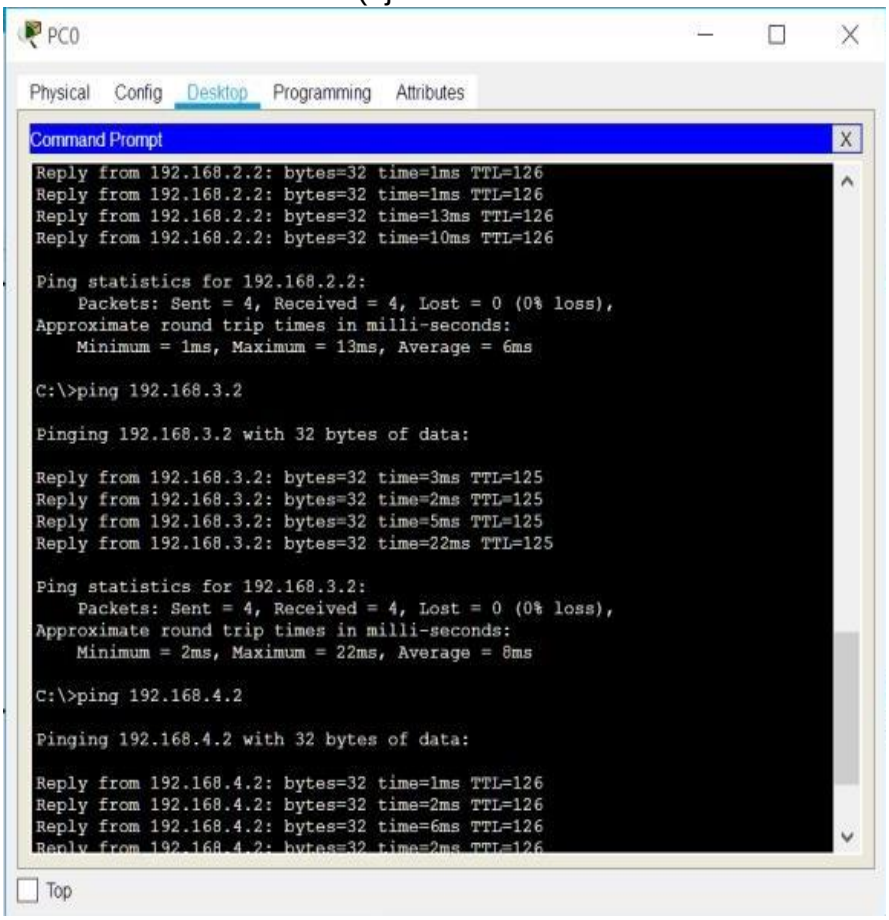
d. router 3



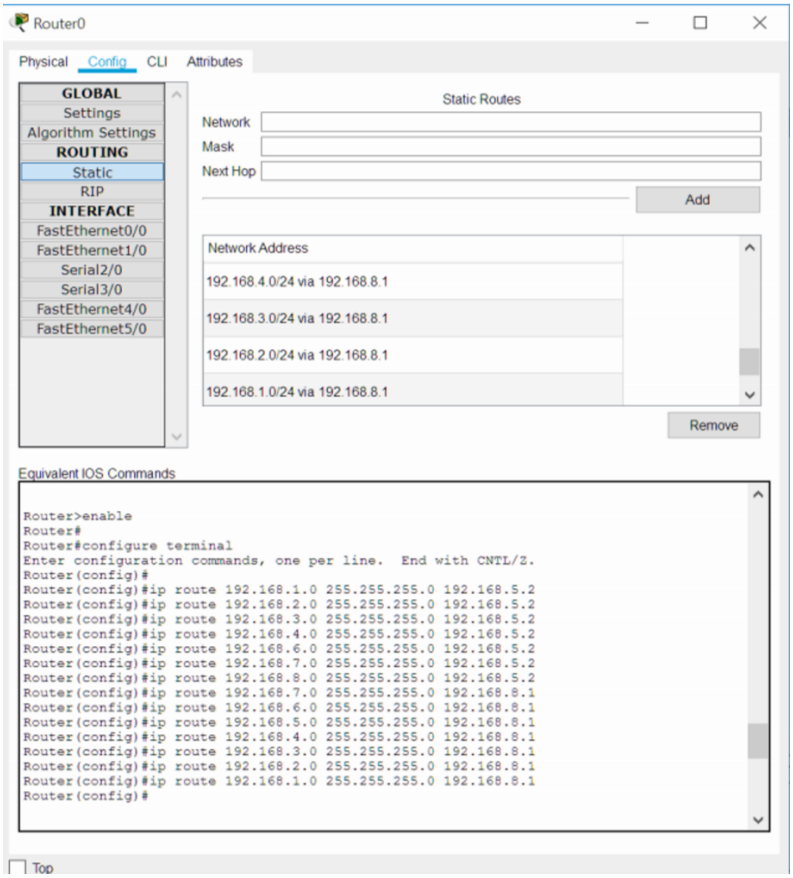
- Test no.3 router dinamis (uji konektivitas antar PC)



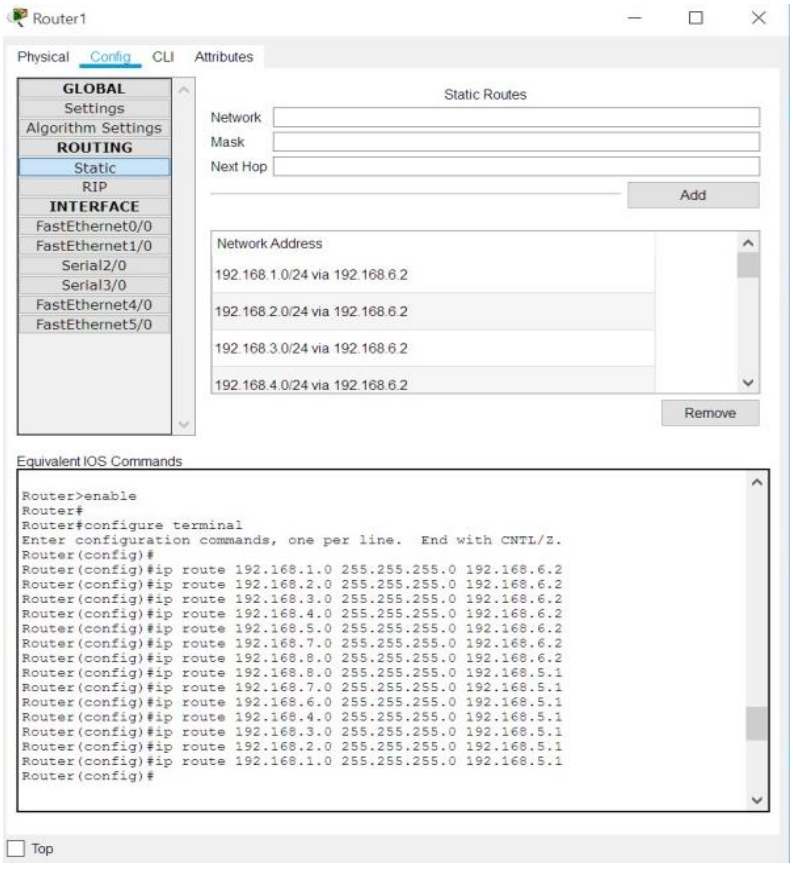
- Test no.3 router dinamis (uji konektivitas PC ke server antar router)



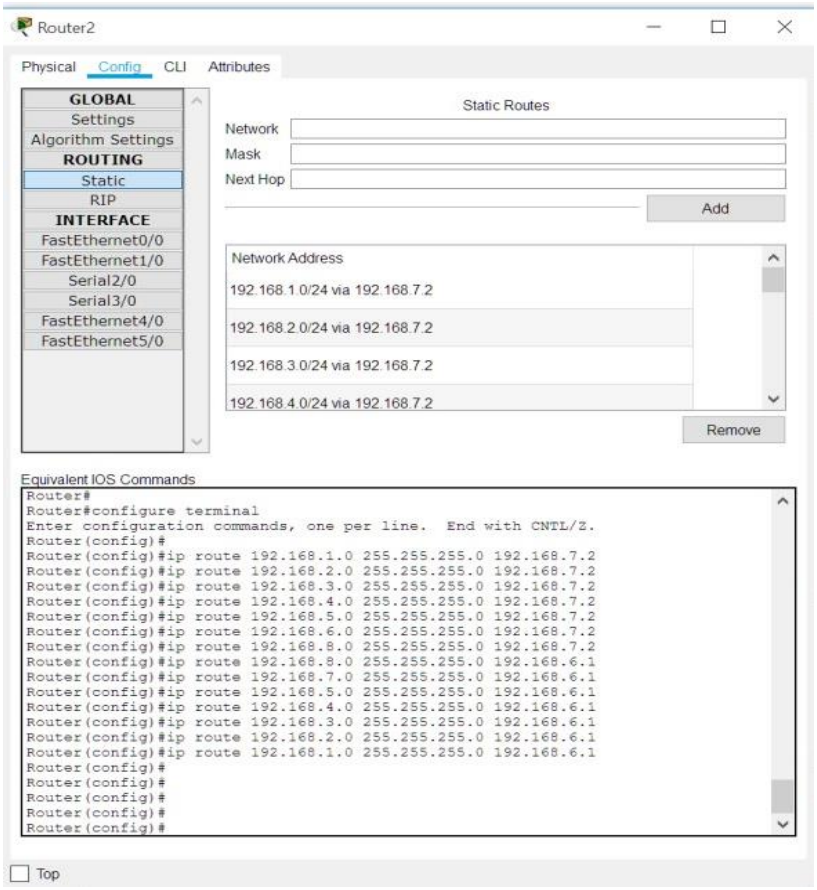
4. Lakukan uji koneksi untuk melihat konektivitas antar PC, dan lakukan konfigurasi routing statis pada 4 router tersebut !
   a. router 0



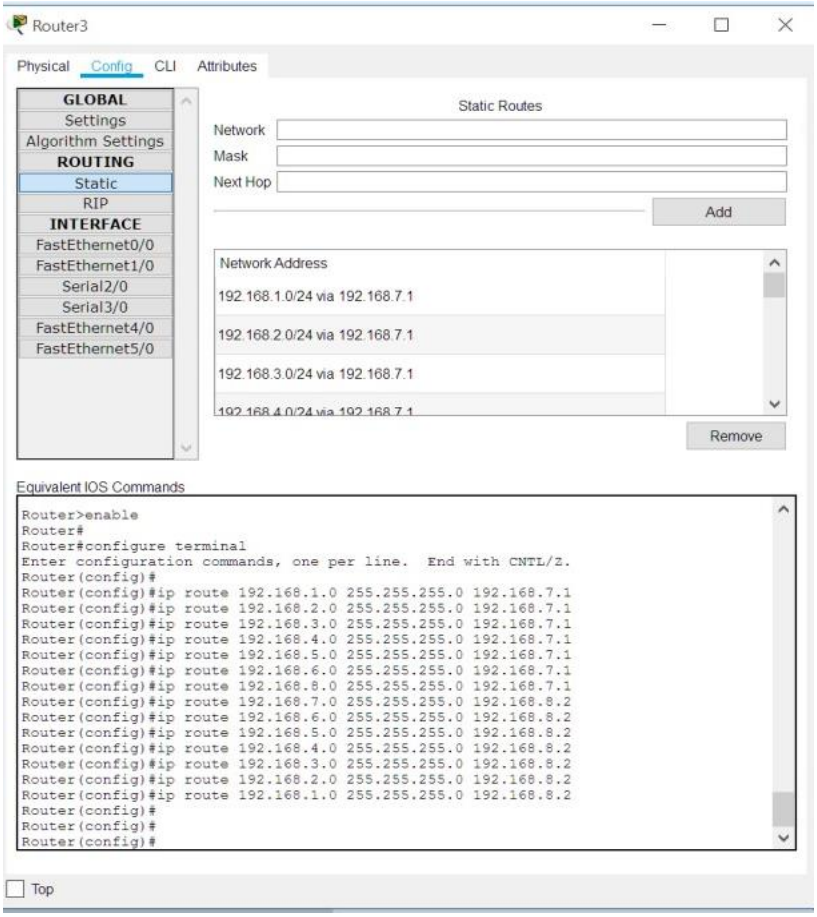
   b. router 1



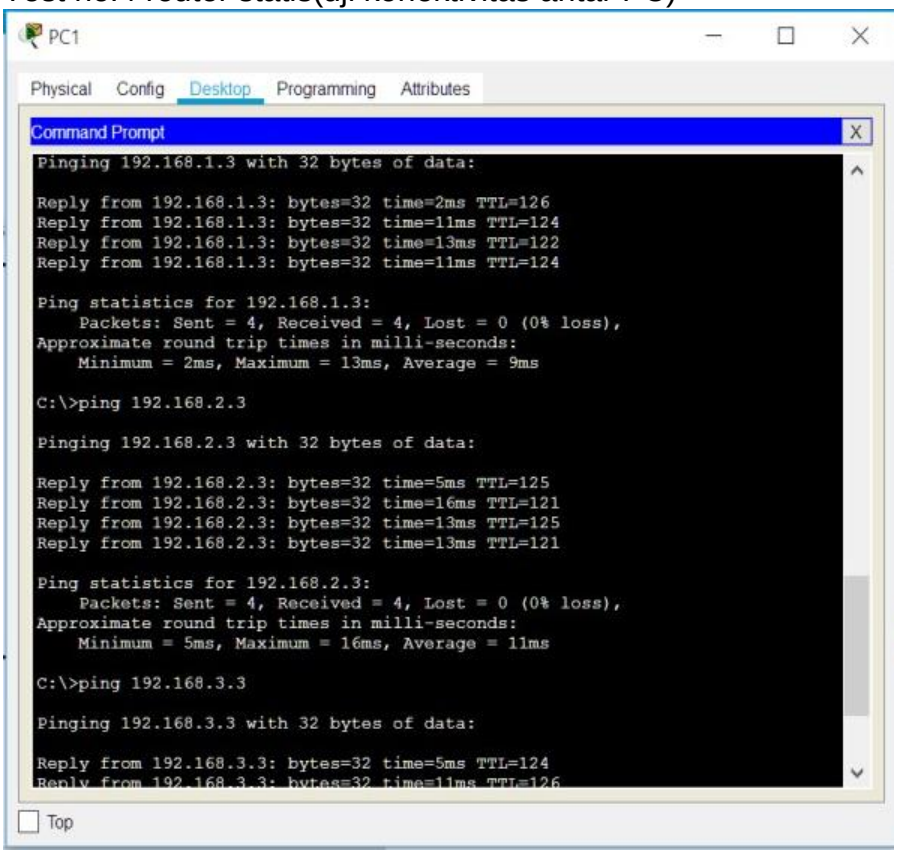
c. router 2



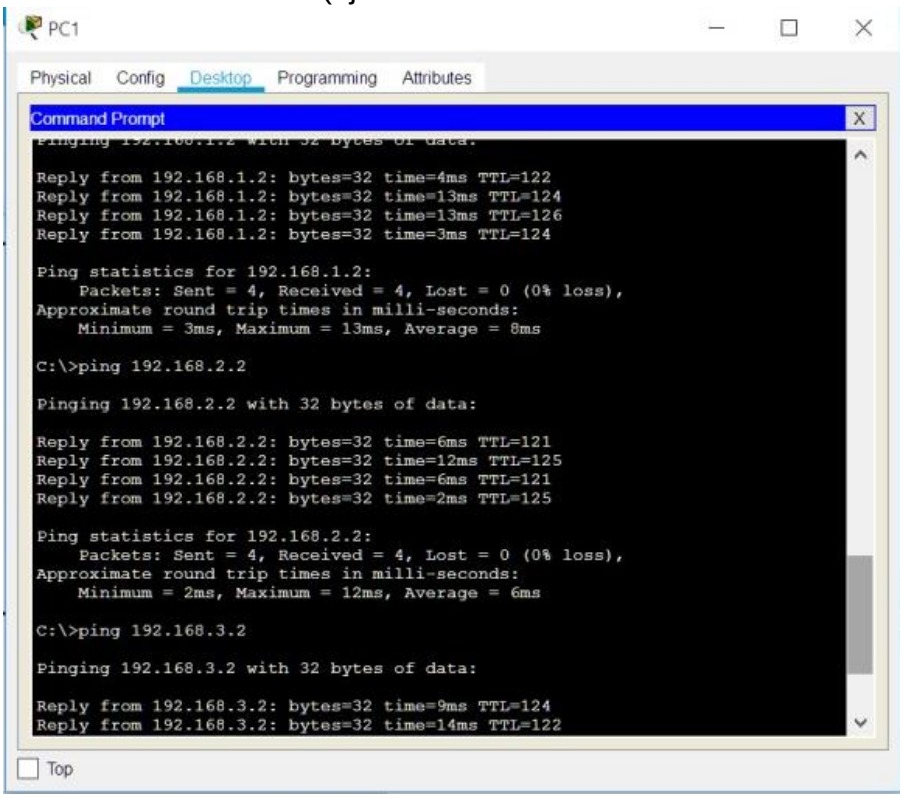
d. router 3



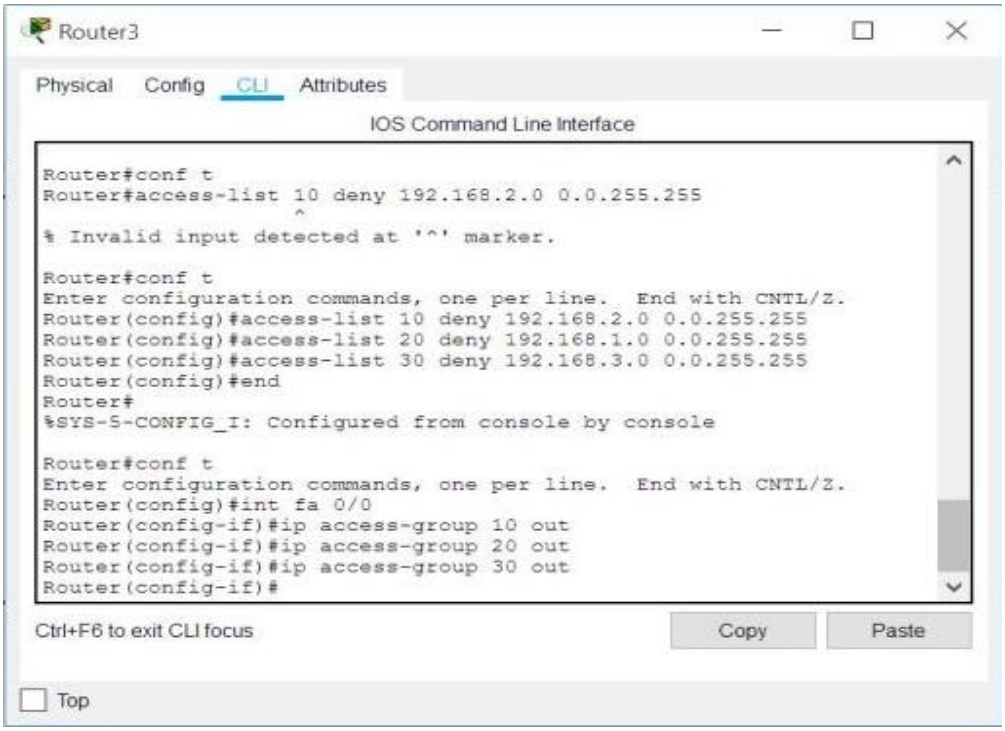
- Test no.4 router statis(uji konektivitas antar PC)



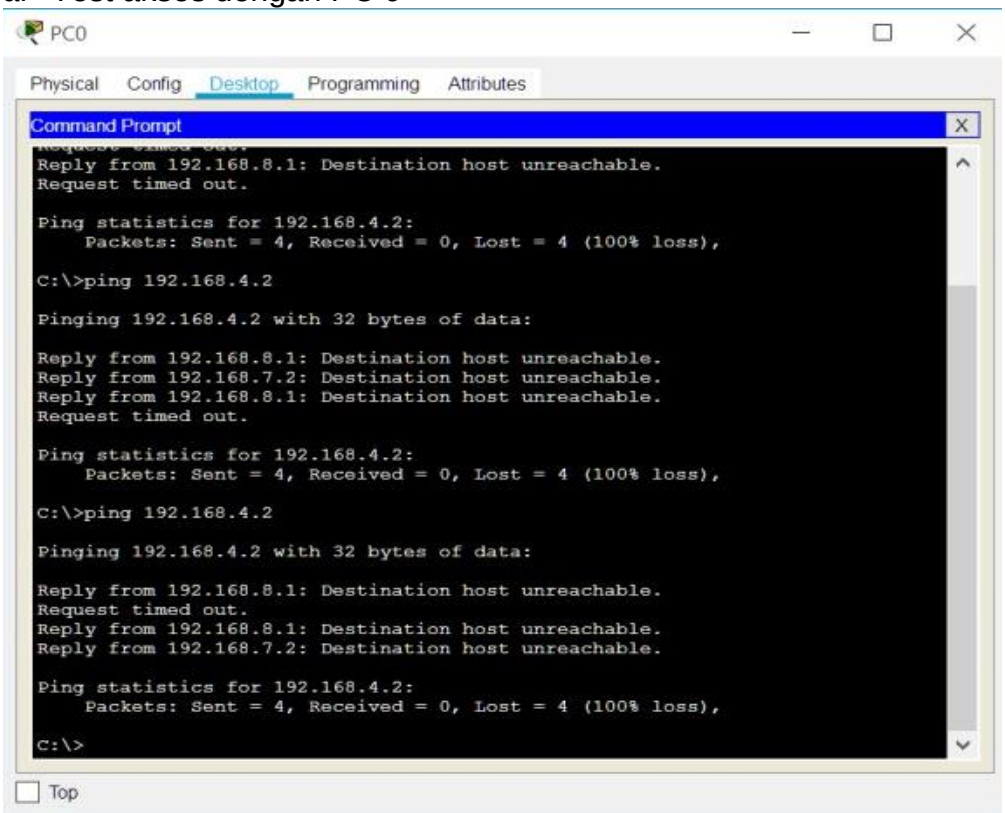
- Test no.4 router statis (uji konektivitas PC ke server antar router)



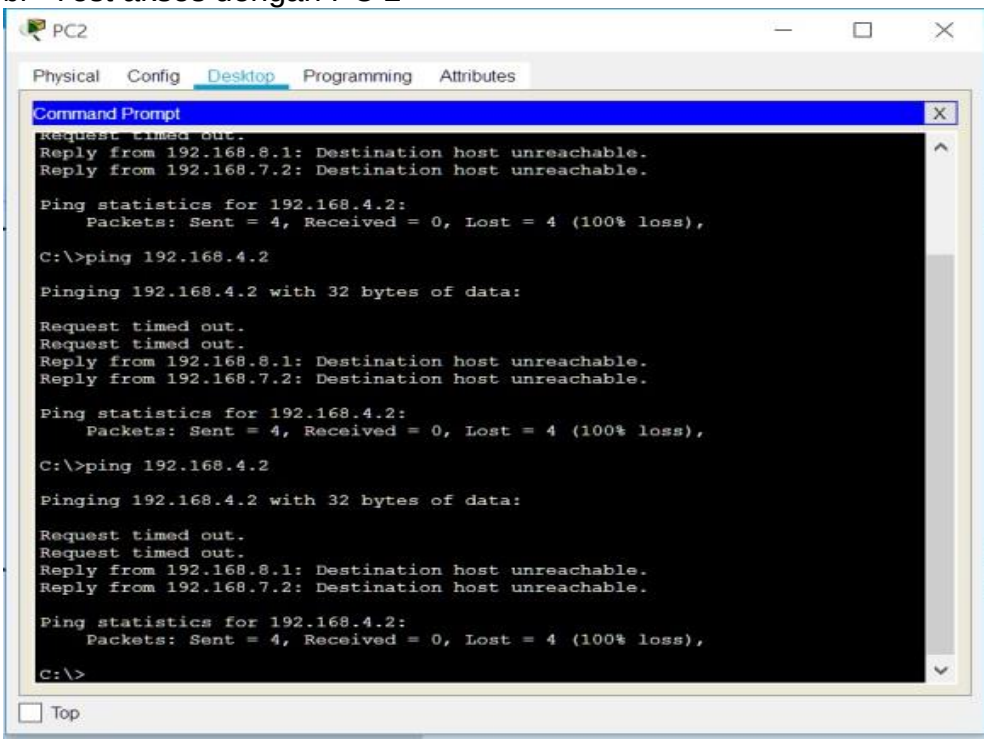
5. Menggunkan access list untuk membatasi 1 PC saja yang dapat mengakses server web



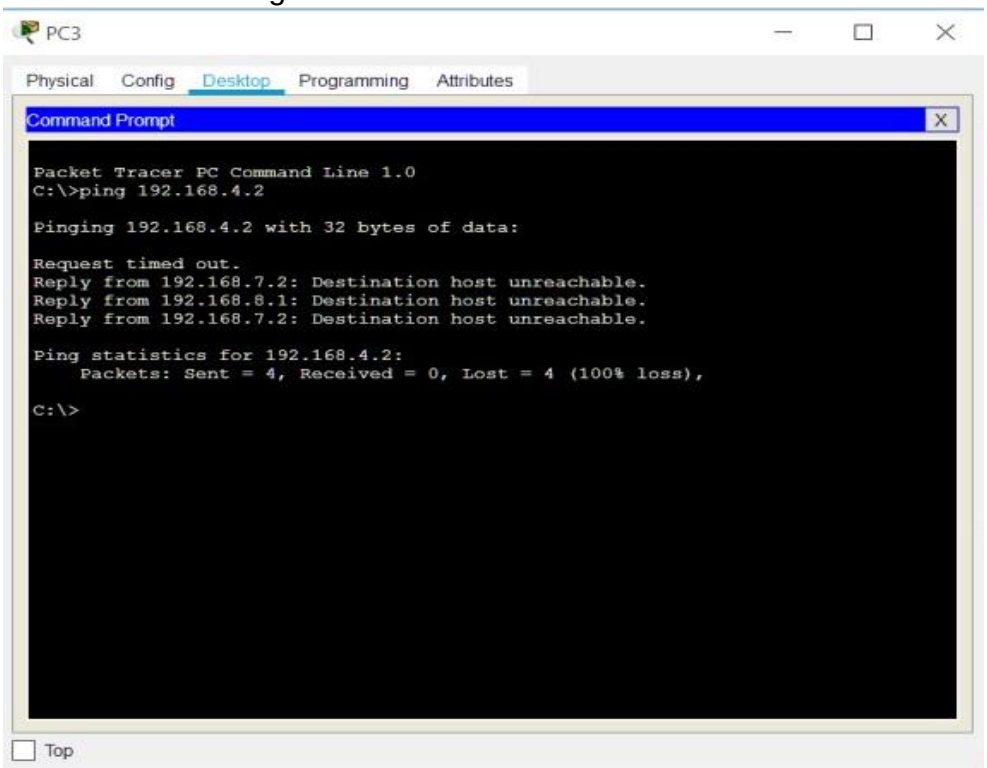
a. Test akses dengan PC 0



b. Test akses dengan PC 2



c. Test akses dengan PC 3



d. Test akses dengan PC 1