

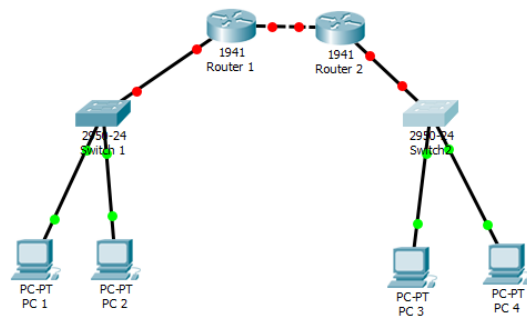
NAMA : NOVI TRISTANTI

NIM : L200170167

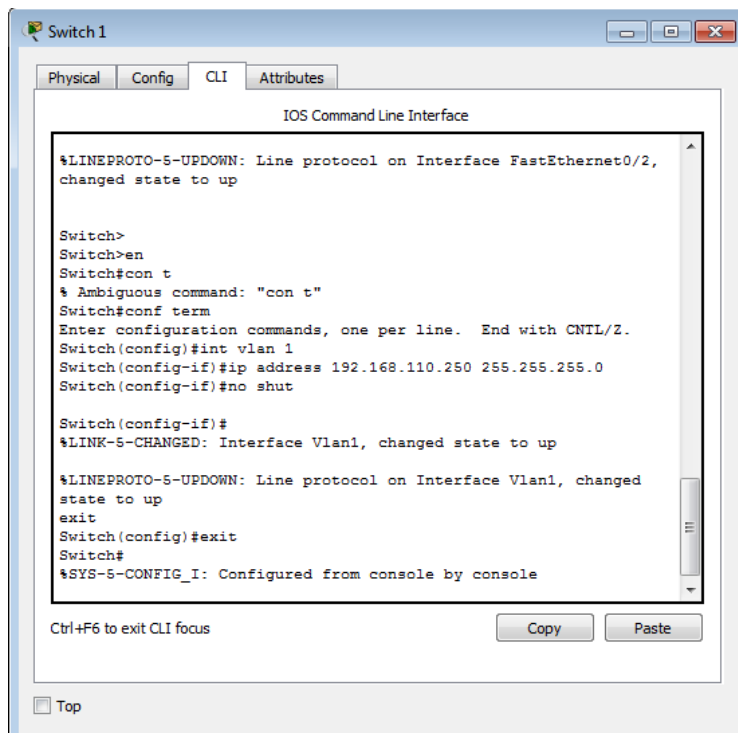
KELAS : D

KEGIATAN 1

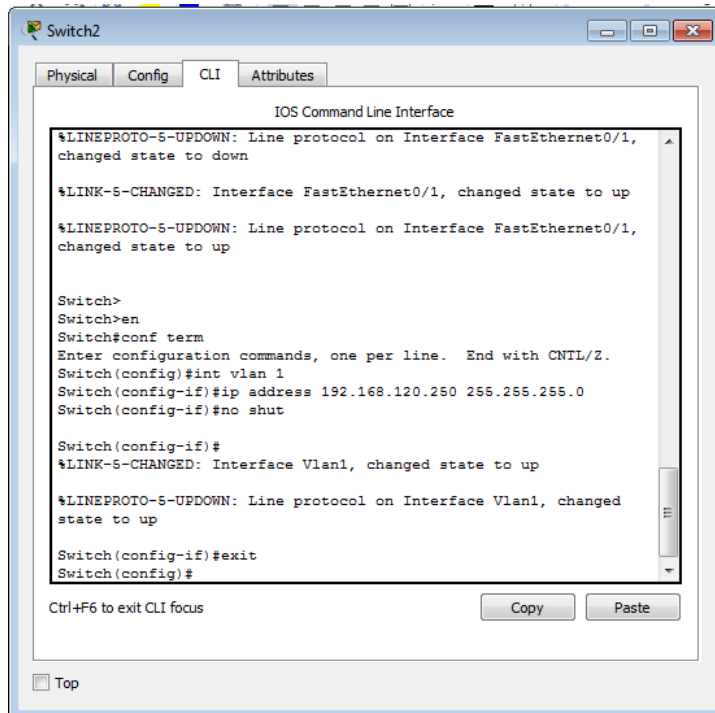
1.



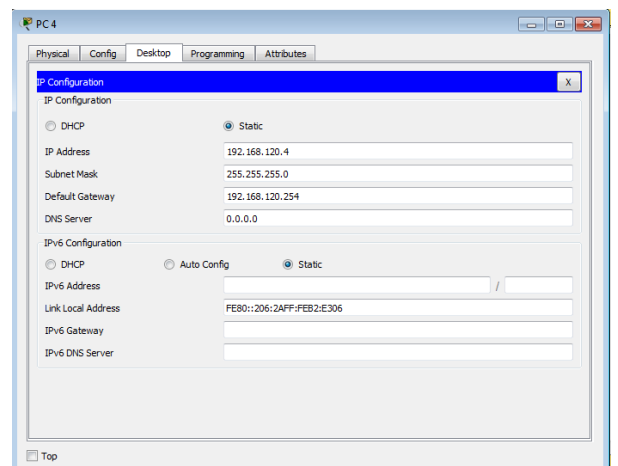
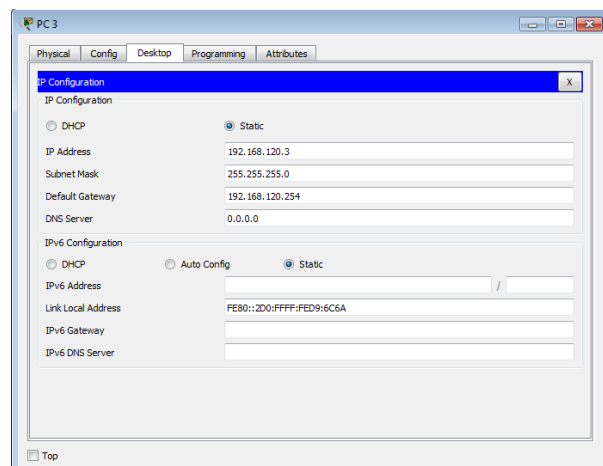
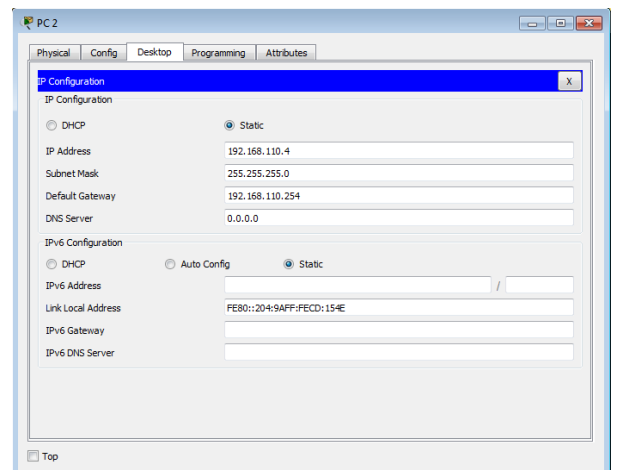
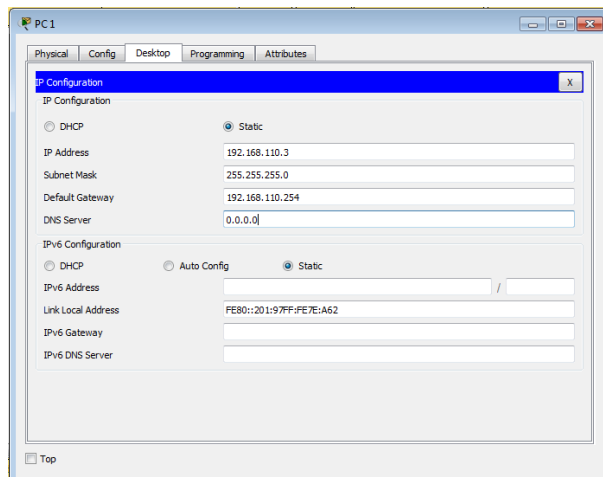
2. Berikan alamat IP kepada switch 1 dan switch 2
Switch 1



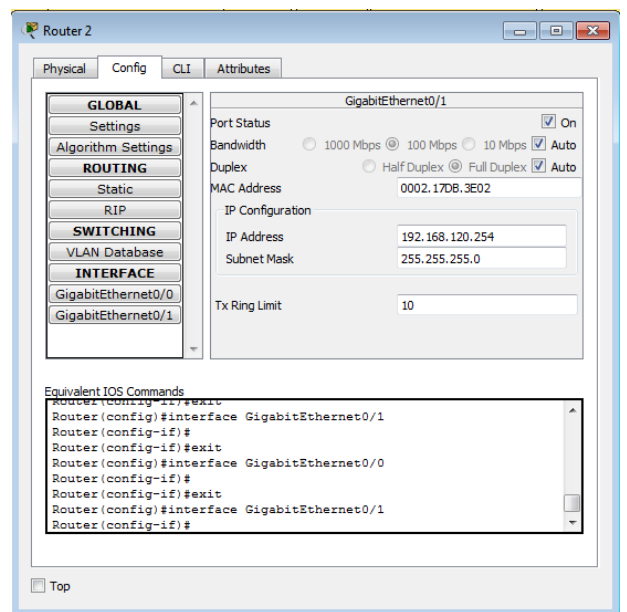
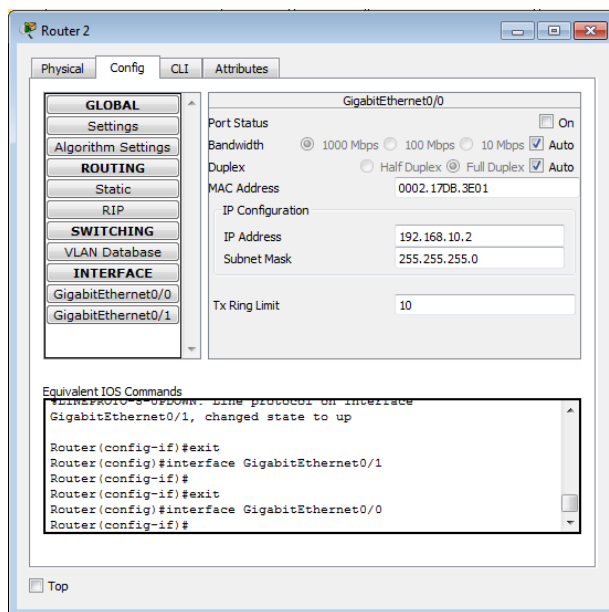
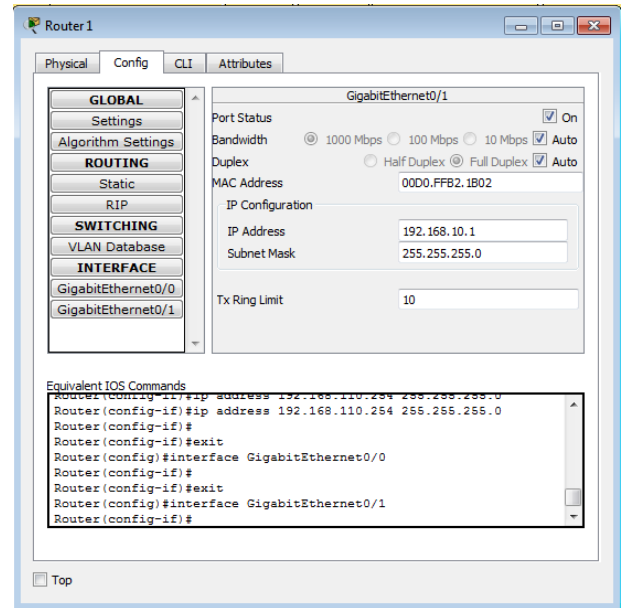
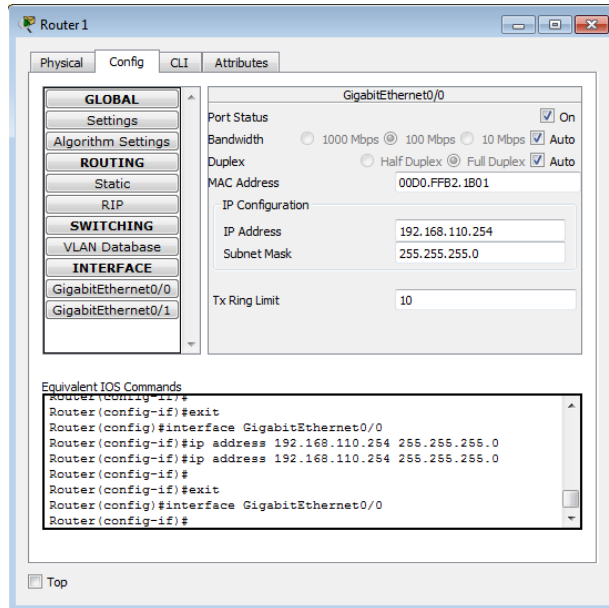
Switch 2



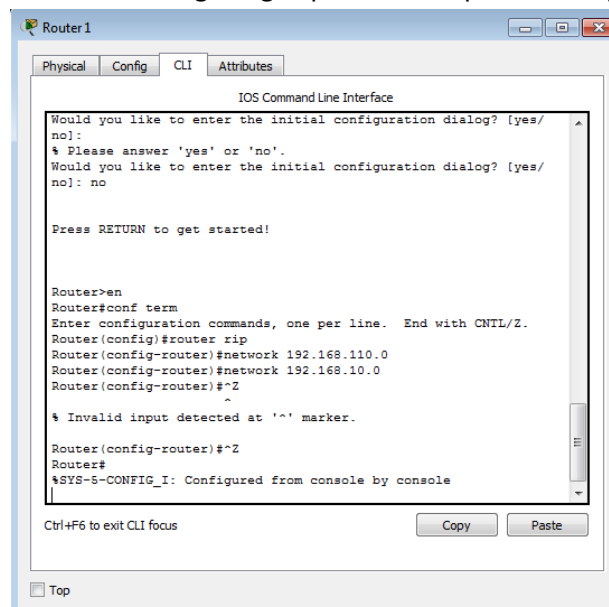
3. Berikan alamat IP, subnet mask, dan default gateway pada masing-masing komputer.

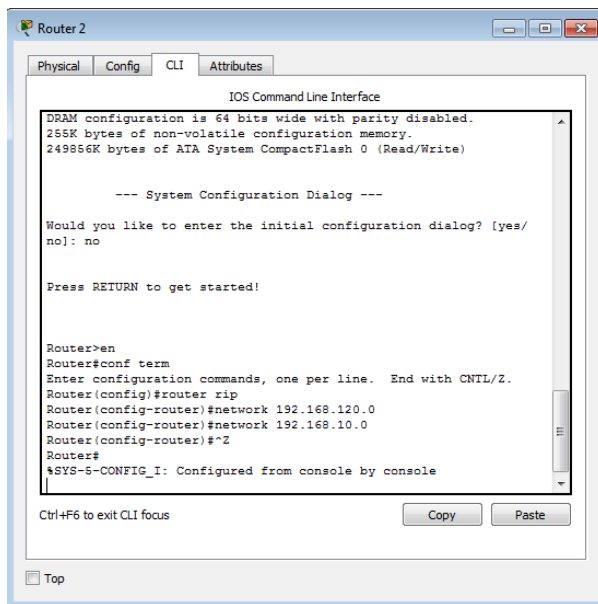


4. Lakukan rooting untuk kedua jaringan

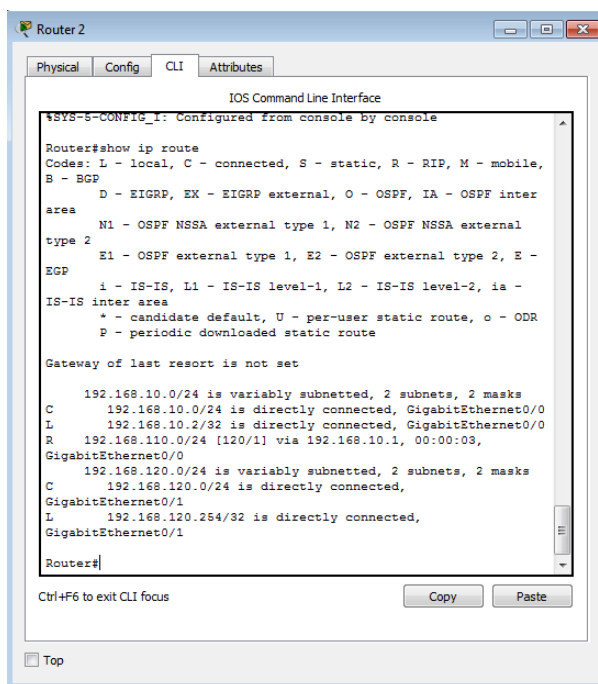


5. Gunakan routing dengan protokol RIP pada kedua jaringan

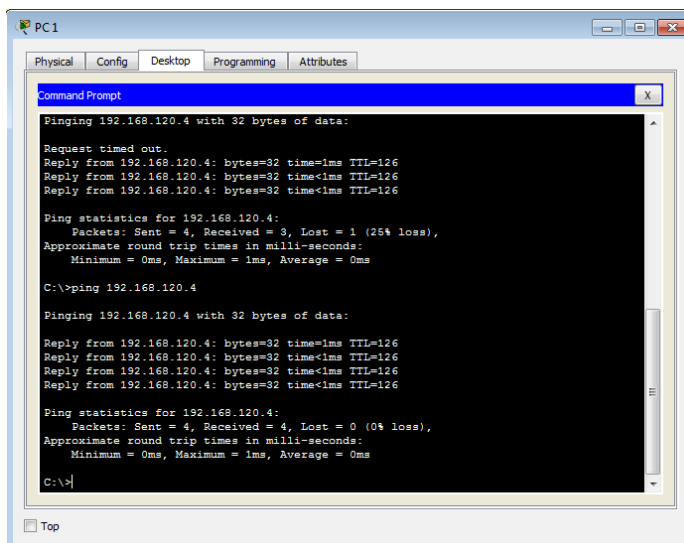




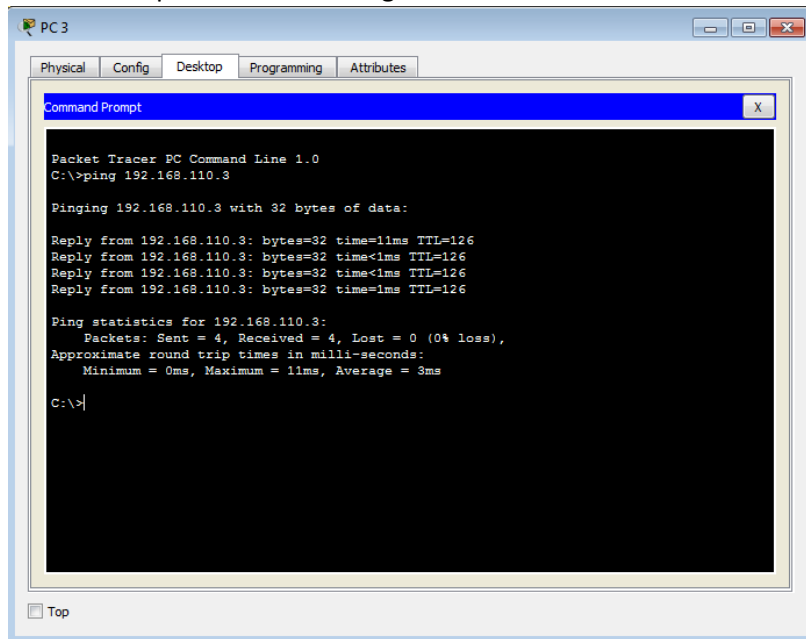
6. Lakukan pengecekan tabel routing



7. Ping PC1 ke PC4



12. Lakukan tes pin antara PC3 dengan PC1



13. Terapkan access list 20 tersebut ke interface ethernet 1 pada router 1

```
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#access-list 20 permit 192.168.120.4 0.0.0.0
Router(config)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#
Router(config)#interface GigabitEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#ip access-group 20 out
Router(config-if)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console
```

14. Lakukan tes koneksi dari PC3 ke PC1 dan PC2

```
C:\>ping 192.168.110.3

Pinging 192.168.110.3 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.110.3:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.110.4

Pinging 192.168.110.4 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.
```

15. Lakukan tes koneksi dengan ping dari PC4 ke PC1 dan PC2

```
C:\>ping 192.168.110.4

Pinging 192.168.110.4 with 32 bytes of data:

Reply from 192.168.110.4: bytes=32 time=1ms TTL=126
Reply from 192.168.110.4: bytes=32 time=2ms TTL=126
Reply from 192.168.110.4: bytes=32 time<1ms TTL=126
Reply from 192.168.110.4: bytes=32 time<1ms TTL=126

Ping statistics for 192.168.110.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 2ms, Average = 0ms
```

KEGIATAN 2

1. melakukan konfigurasi extended access list dengan mengizinkan (permit) paket telnet dari semua host yang ada di jaringan 192.168.120.0 ke host 192.168.110.3

```
Router>en
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#access-list 100 permit tcp 192.168.120.0 0.0.0.255 192.168.110.3 0.0.0.0 eq telnet
Router(config)#end
Router#
%SYS-5-CONFIG_I: Configured from console by console
```

2. Menerapkan access list ke interface router

```
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa0/1
Router(config-if)#ip access-group 100 in
Router(config-if)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console
```