

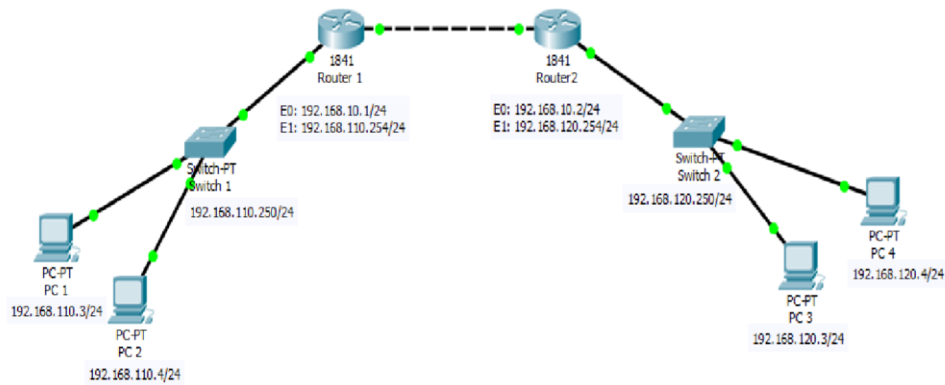
NAMA : KHAIRUL NOVIYANTI
NIM : L200170178
KELAS : D

Praktikum Jaringan Komputer

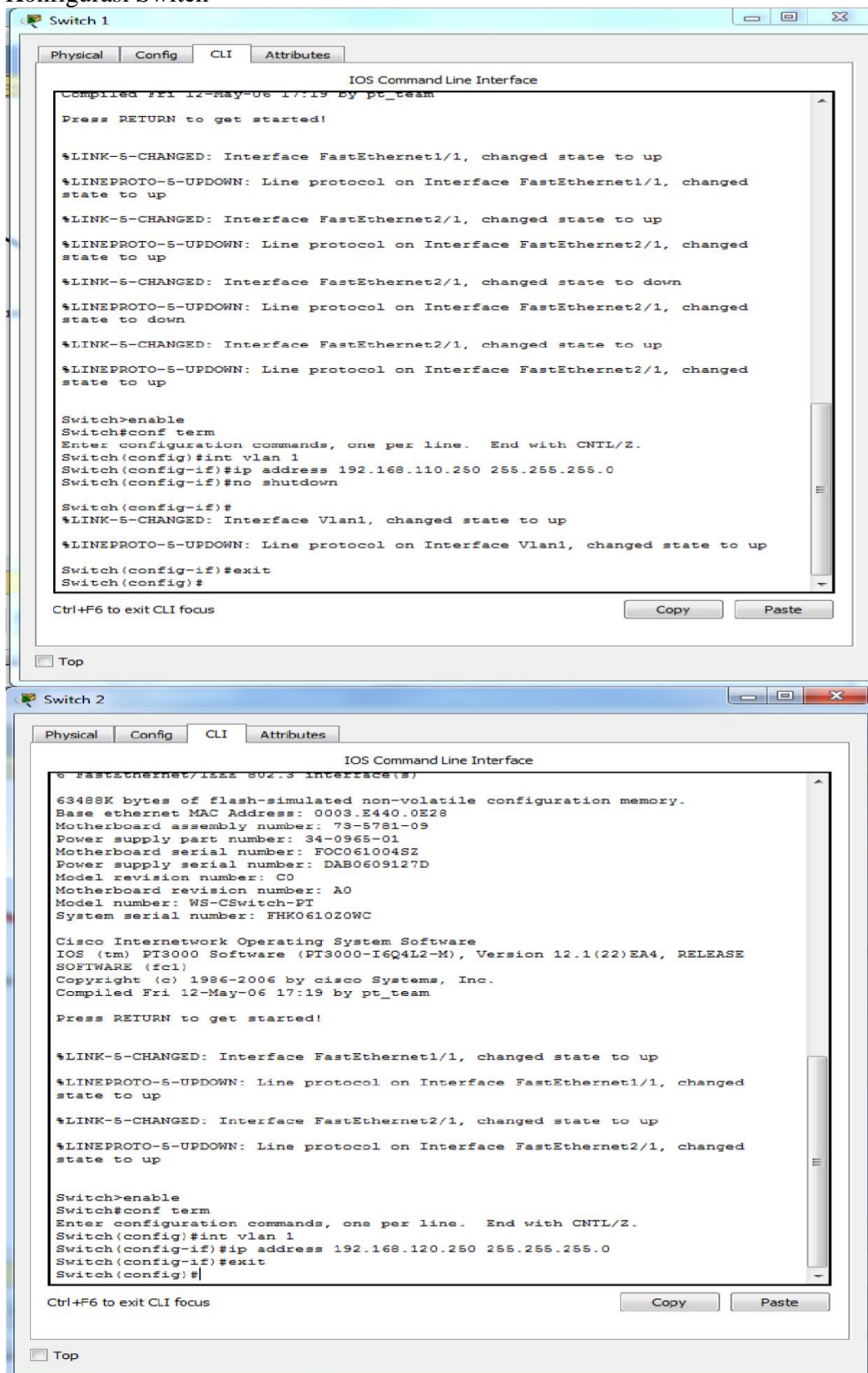
Tugas Modul 8

KEGIATAN 1

1. Desain jaringan



2. Konfigurasi Switch



3. Konfigurasi PC

PC 1

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.110.3

Subnet Mask 255.255.255.0

Default Gateway 192.168.110.254

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::207:ECFF:FE0E:8E83

IPv6 Gateway

IPv6 DNS Server

Top

PC 2

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.110.4

Subnet Mask 255.255.255.0

Default Gateway 192.168.110.254

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::2E0:B0FF:FEA3:CBAE

IPv6 Gateway

IPv6 DNS Server

Top

PC 3

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.120.3

Subnet Mask 255.255.255.0

Default Gateway 192.168.120.254

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::20A:41FF:FEA5:A07B

IPv6 Gateway

IPv6 DNS Server

Top

PC 4

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.120.4

Subnet Mask 255.255.255.0

Default Gateway 192.168.120.254

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

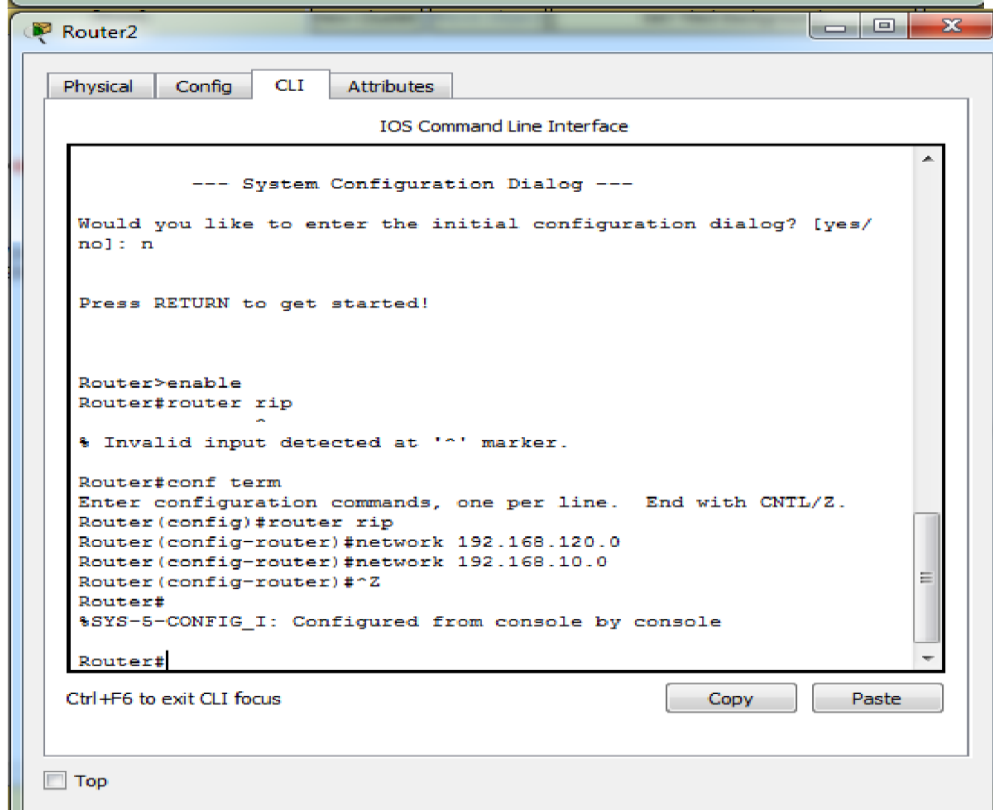
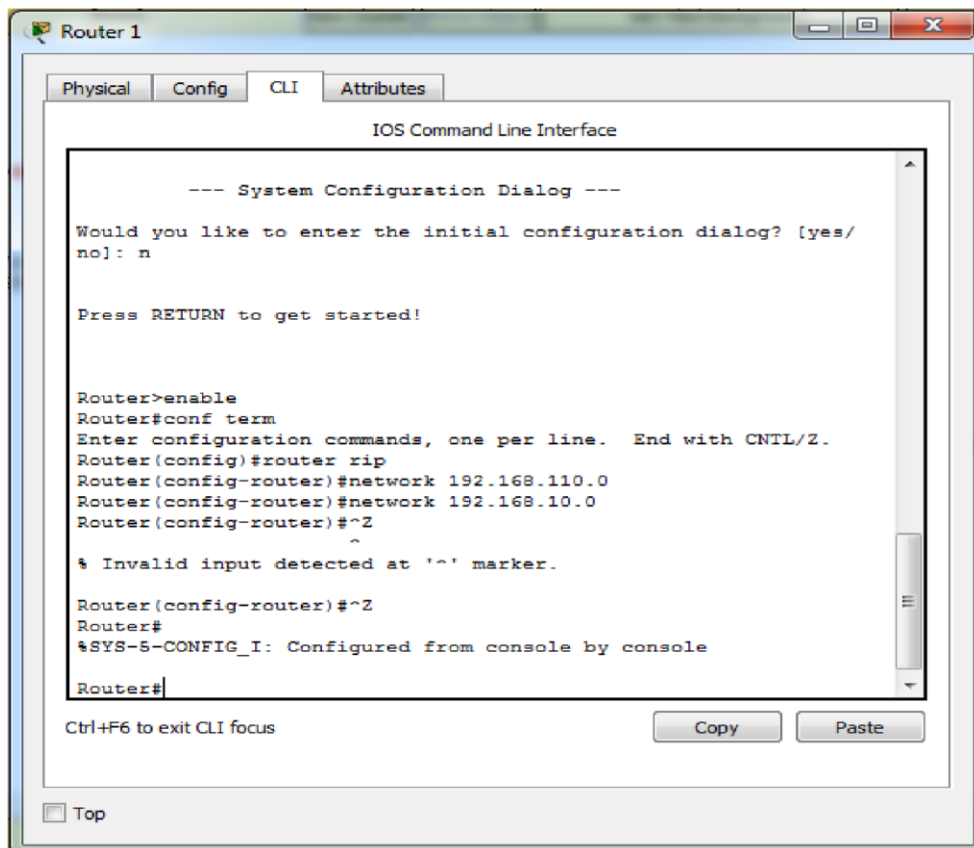
Link Local Address FE80::202:17FF:FE78:735

IPv6 Gateway

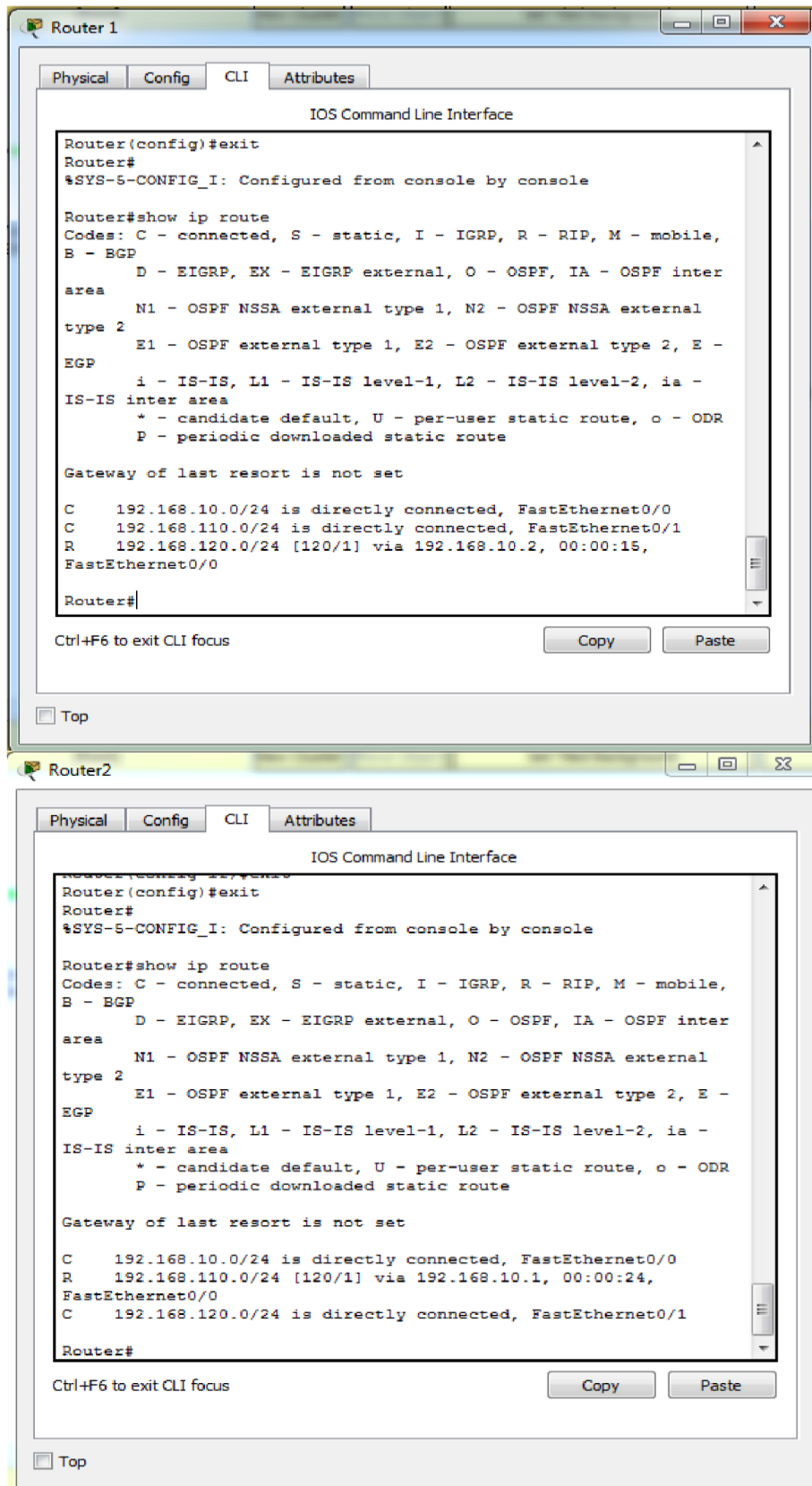
IPv6 DNS Server

Top

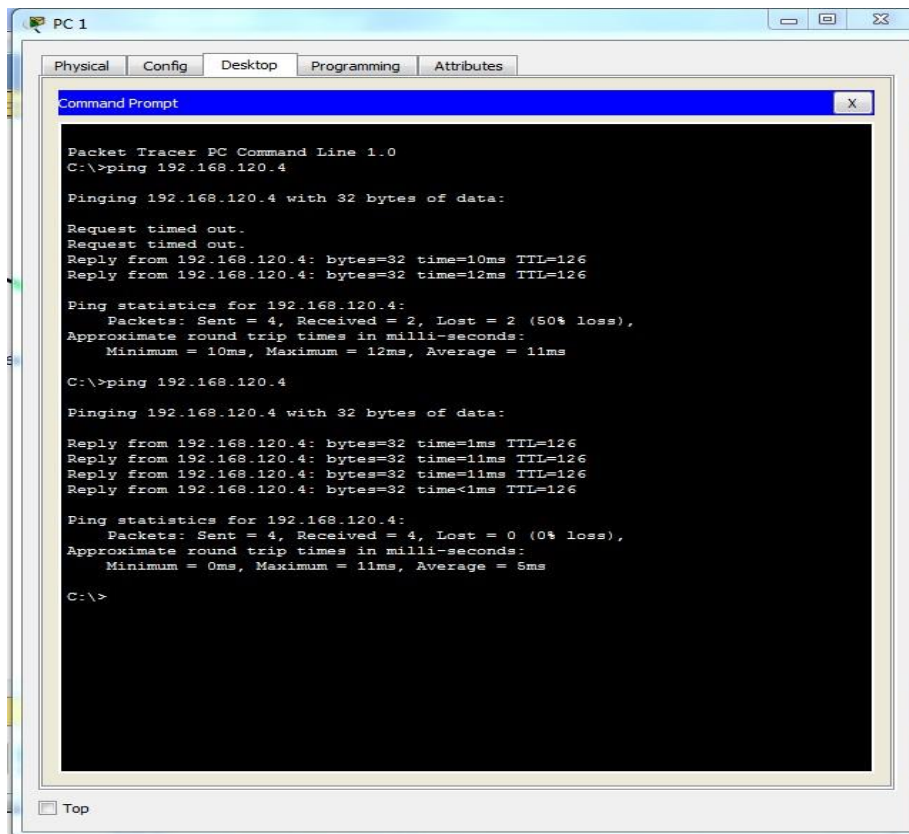
4. Konfigurasi Router



5. Show ip route



6. Melakukan cek koneksi



The screenshot shows a Packet Tracer PC window titled 'PC 1' with tabs for Physical, Config, Desktop, Programming, and Attributes. The 'Desktop' tab is active, displaying a 'Command Prompt' window. The Command Prompt shows the execution of two ping commands to the IP address 192.168.120.4. The first ping command results in a 50% loss of packets, while the second ping command results in 0% loss.

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.120.4

Pinging 192.168.120.4 with 32 bytes of data:

Request timed out.
Request timed out.
Reply from 192.168.120.4: bytes=32 time=10ms TTL=126
Reply from 192.168.120.4: bytes=32 time=12ms TTL=126

Ping statistics for 192.168.120.4:
    Packets: Sent = 4, Received = 2, Lost = 2 (50% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 10ms, Maximum = 12ms, Average = 11ms

C:\>ping 192.168.120.4

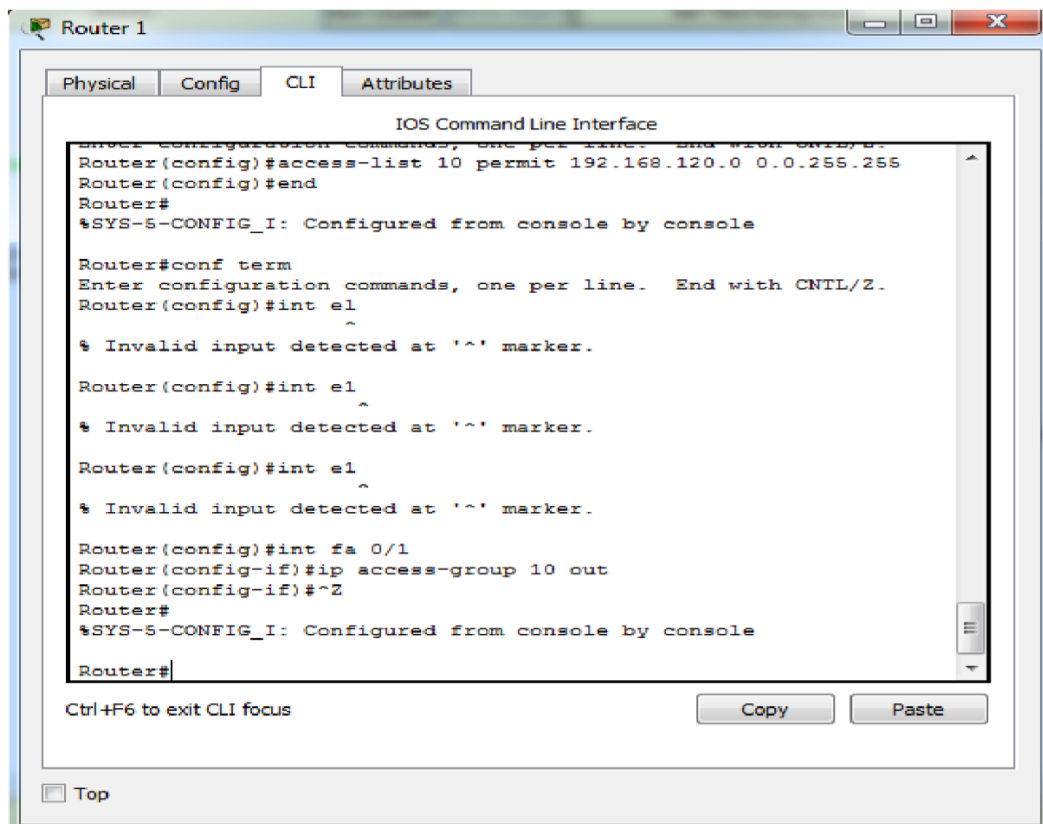
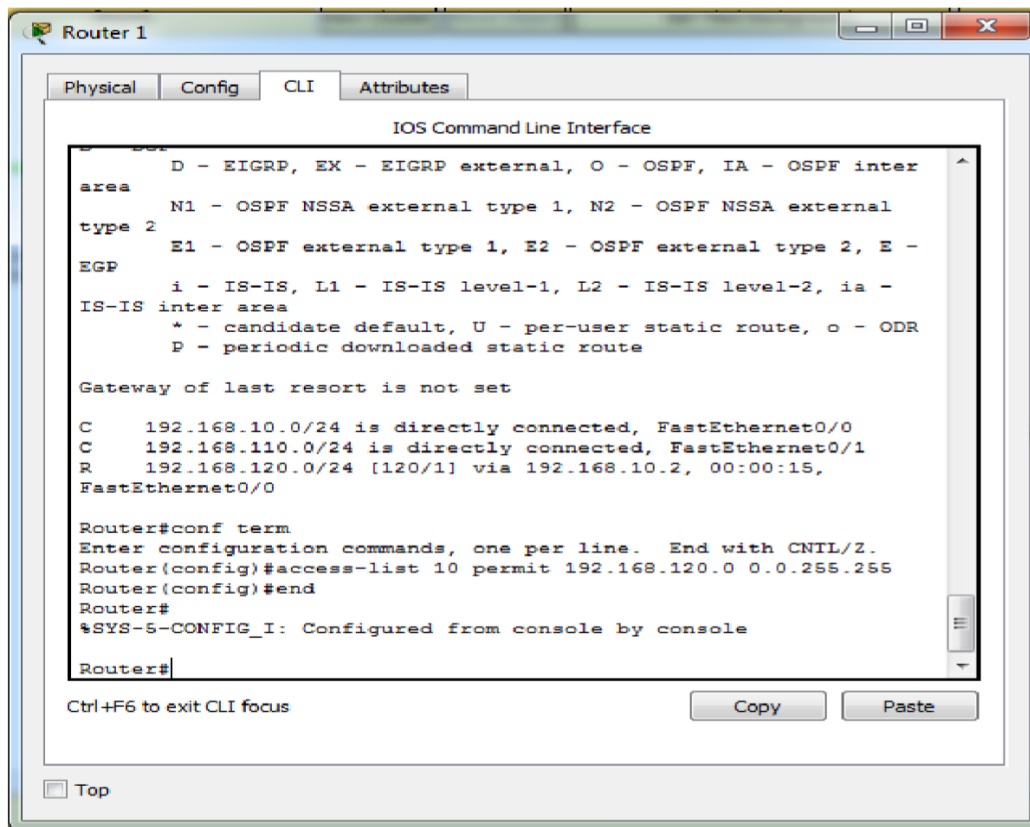
Pinging 192.168.120.4 with 32 bytes of data:

Reply from 192.168.120.4: bytes=32 time=1ms TTL=126
Reply from 192.168.120.4: bytes=32 time=11ms TTL=126
Reply from 192.168.120.4: bytes=32 time=11ms TTL=126
Reply from 192.168.120.4: bytes=32 time<1ms TTL=126

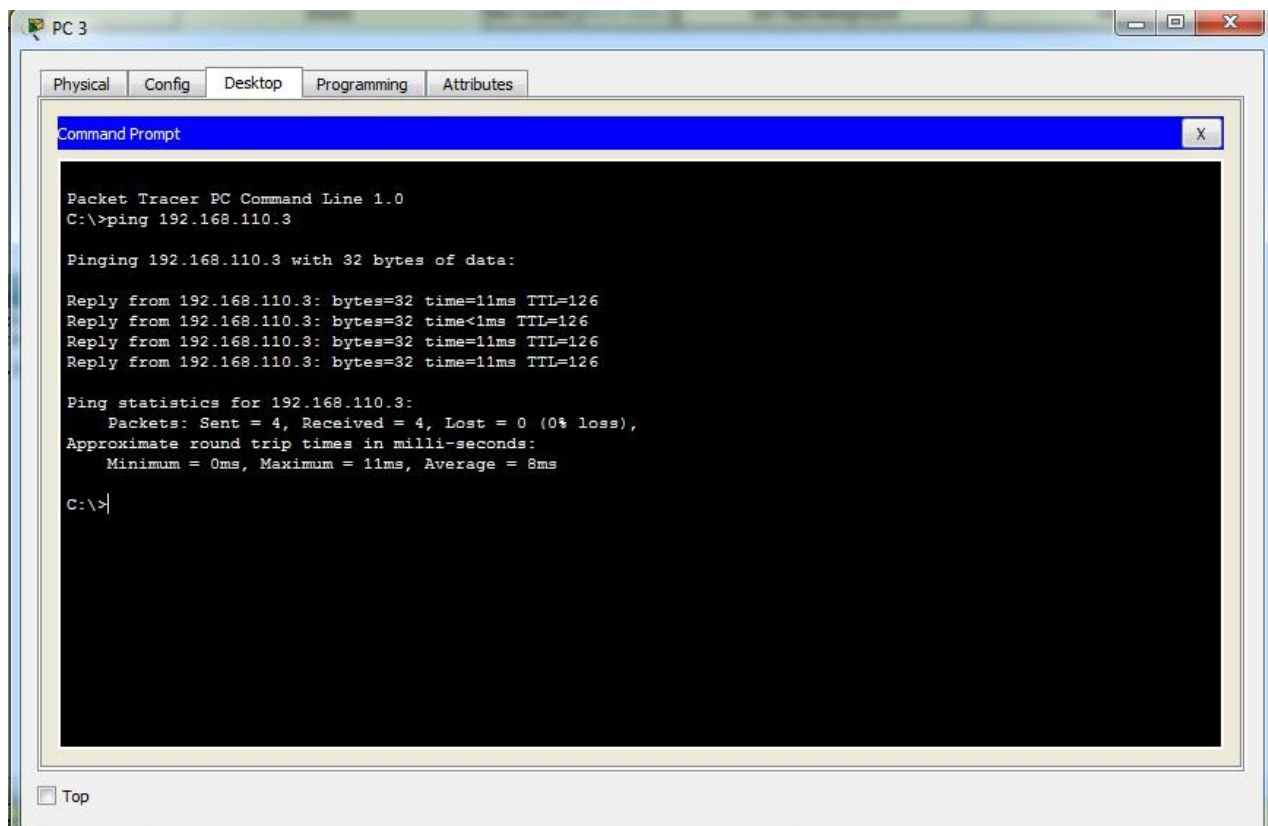
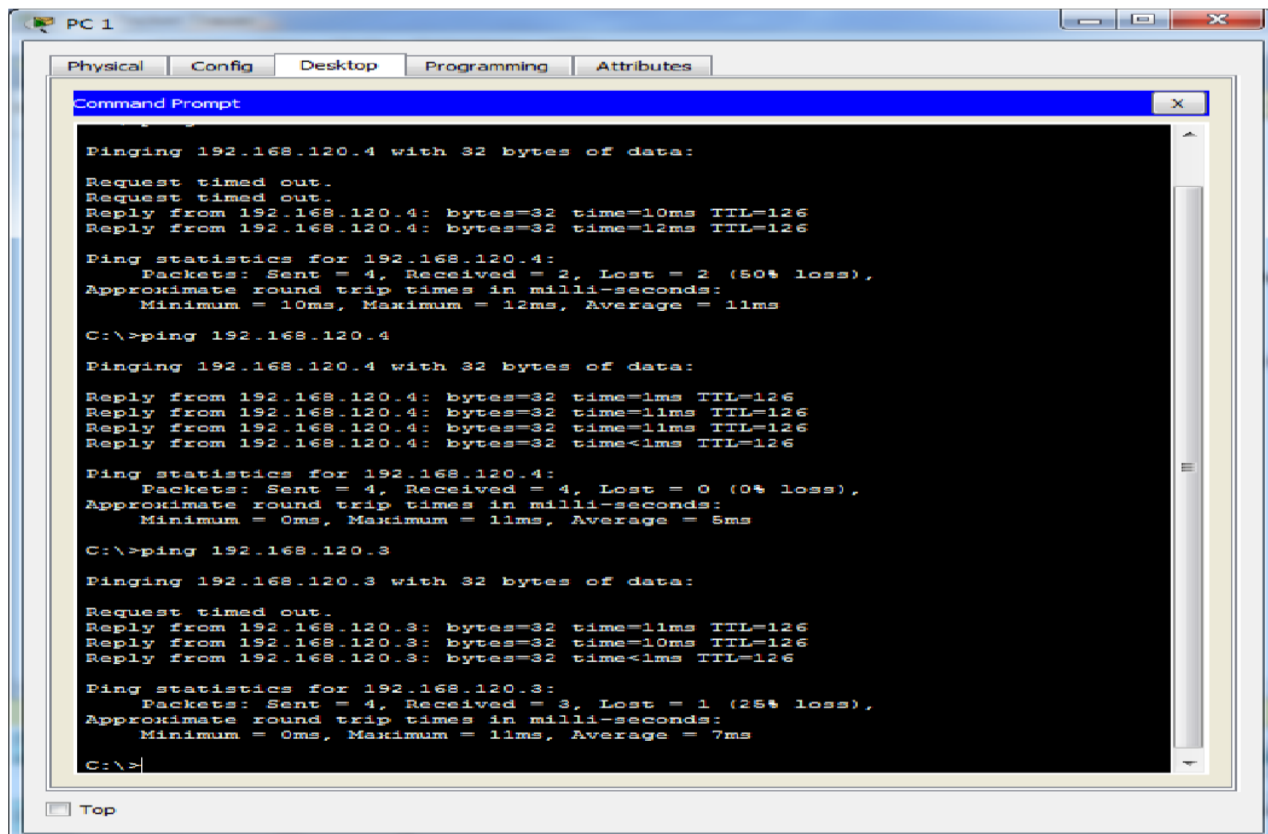
Ping statistics for 192.168.120.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 11ms, Average = 5ms

C:\>
```

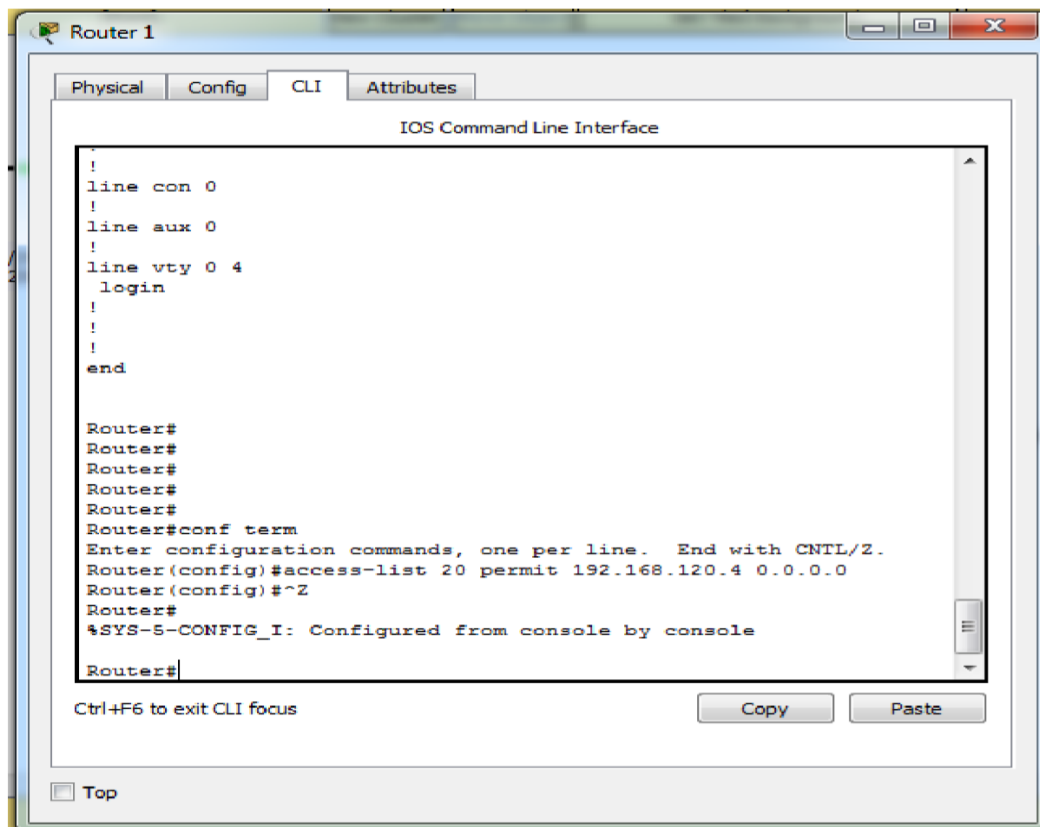
7. Menentukan access -list dan menerapkannya



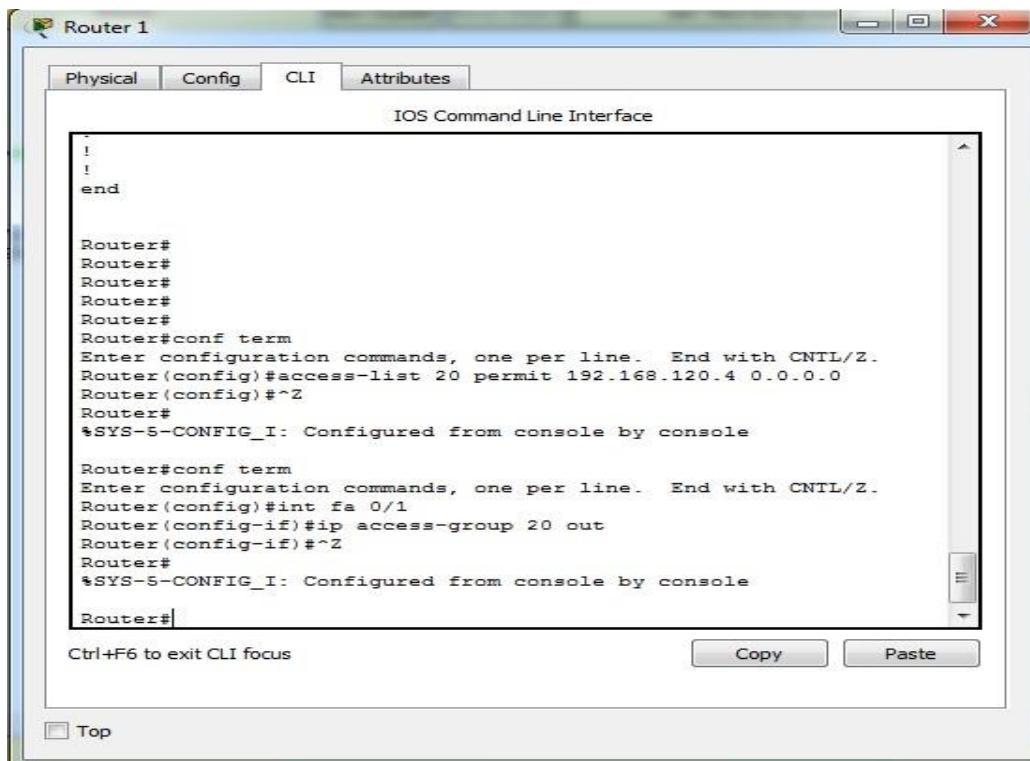
8. Melakukan cek koneksi



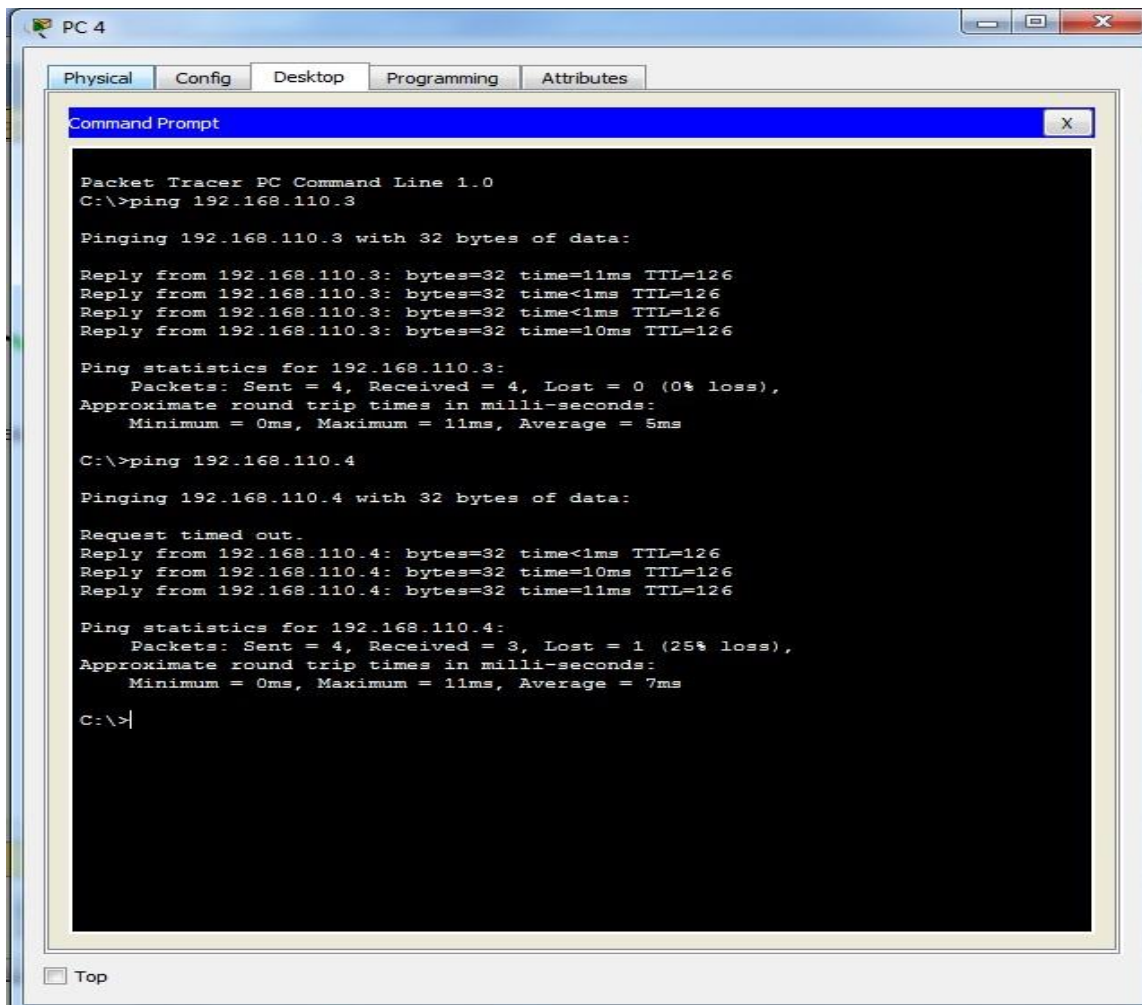
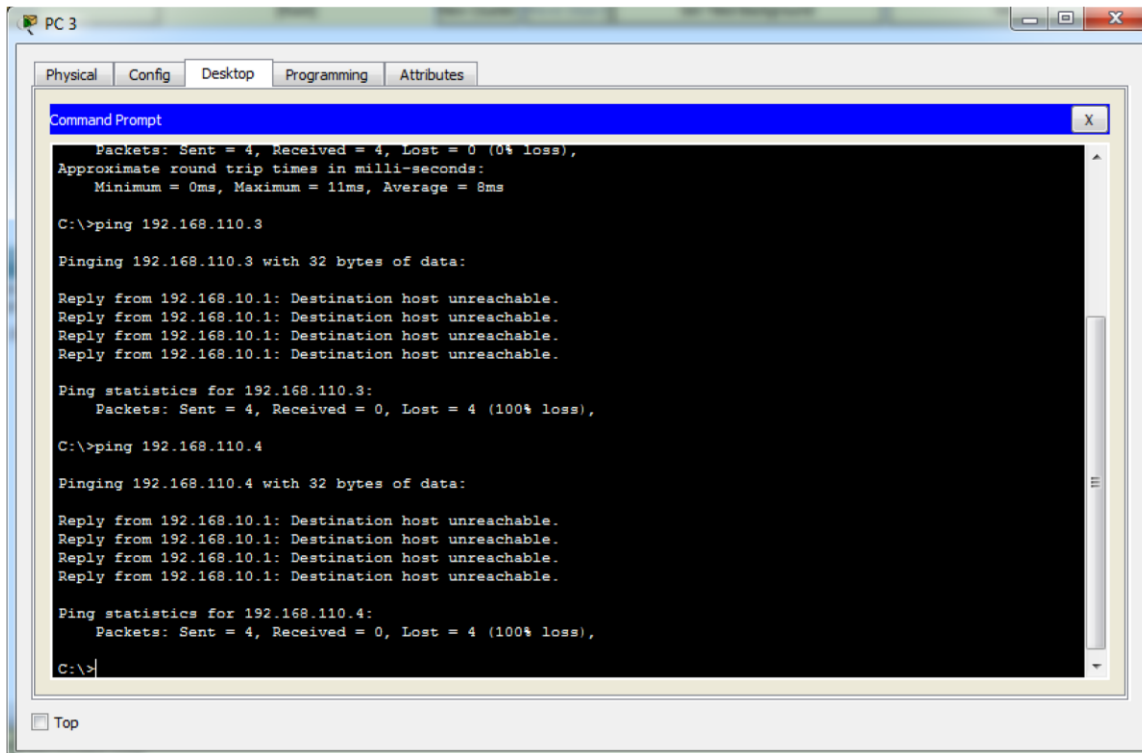
9. Konfigurasi router



10. Menerapkannya



11. Melakukan cek koneksi



KEGIATAN 2

Konfigurasi extended access-list

