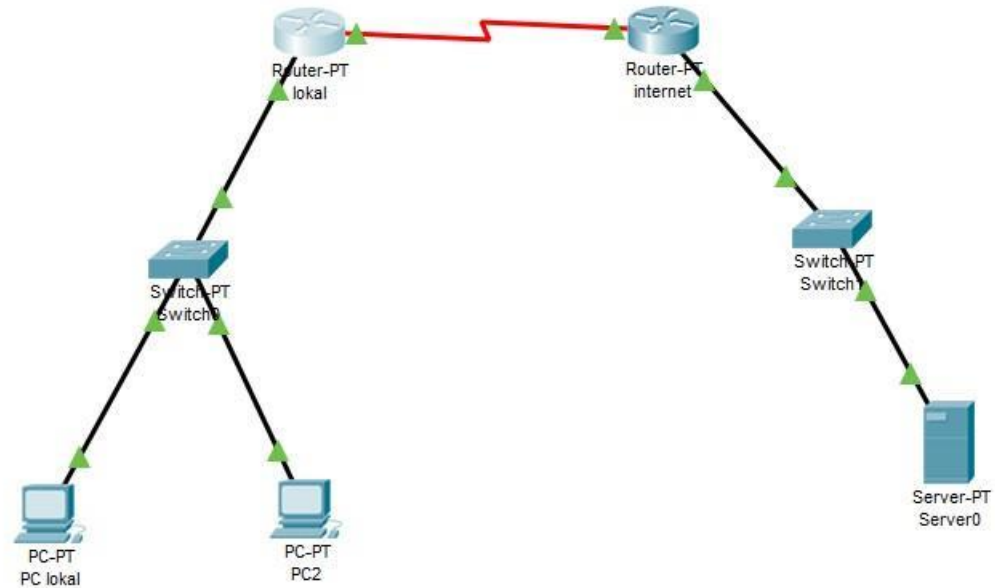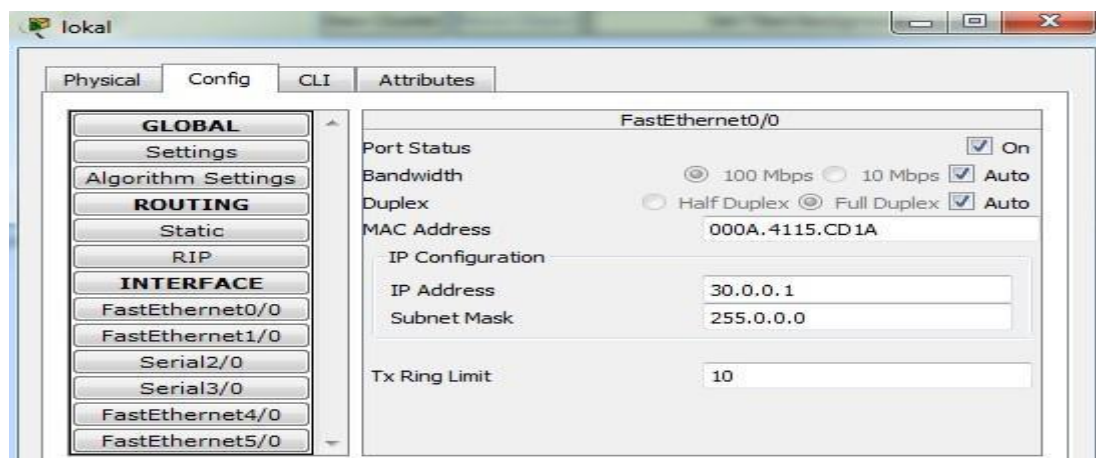Nama   : Alvian Harisnur
NIM   : L200170132
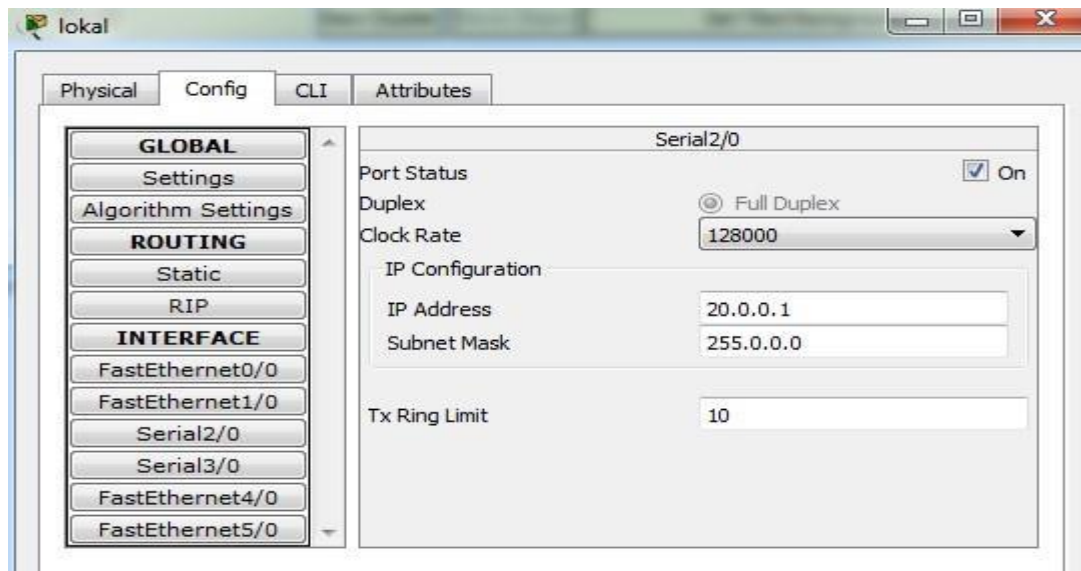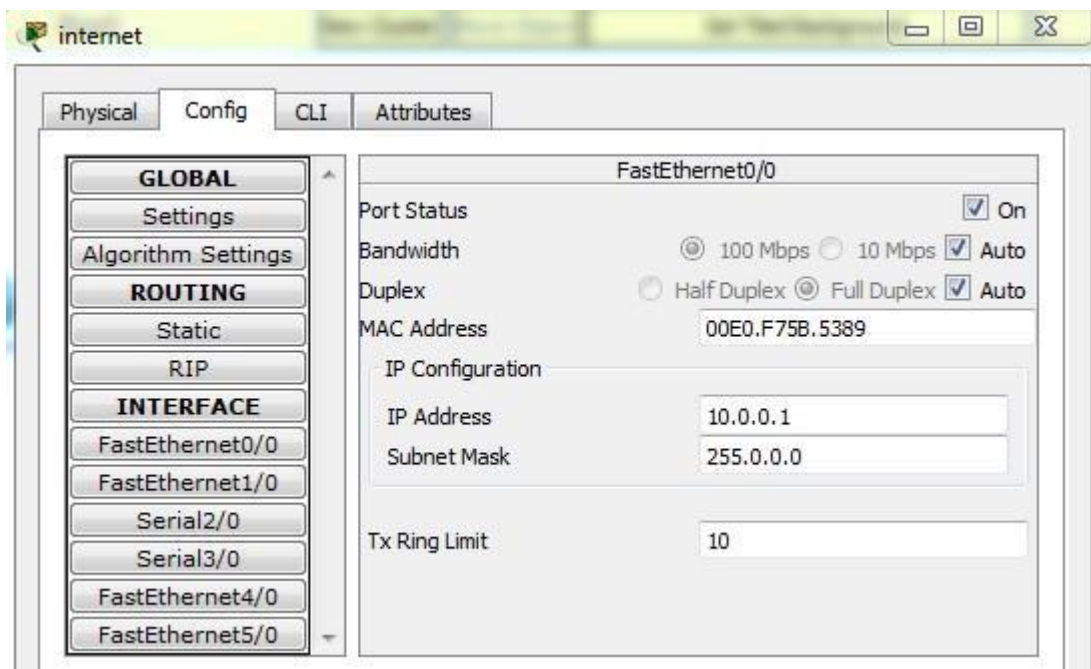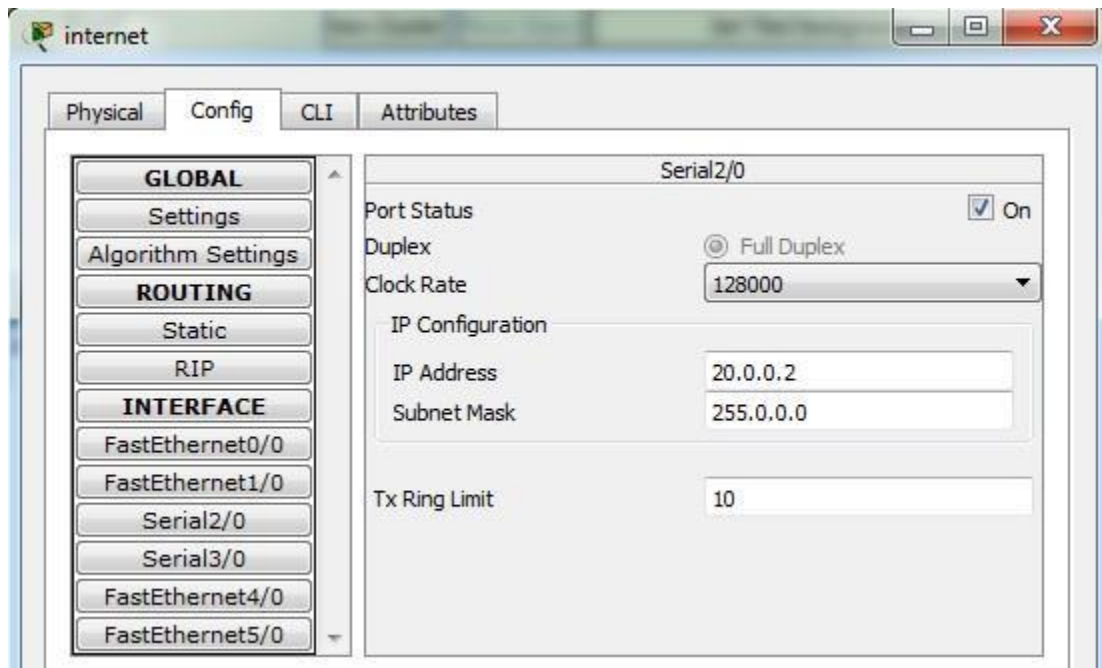Kelas   : C

Modul 9

1. Topologi jaringan

2. Memberi IP Adress pada setiap router dan dengan klik ON pada port status. Router local
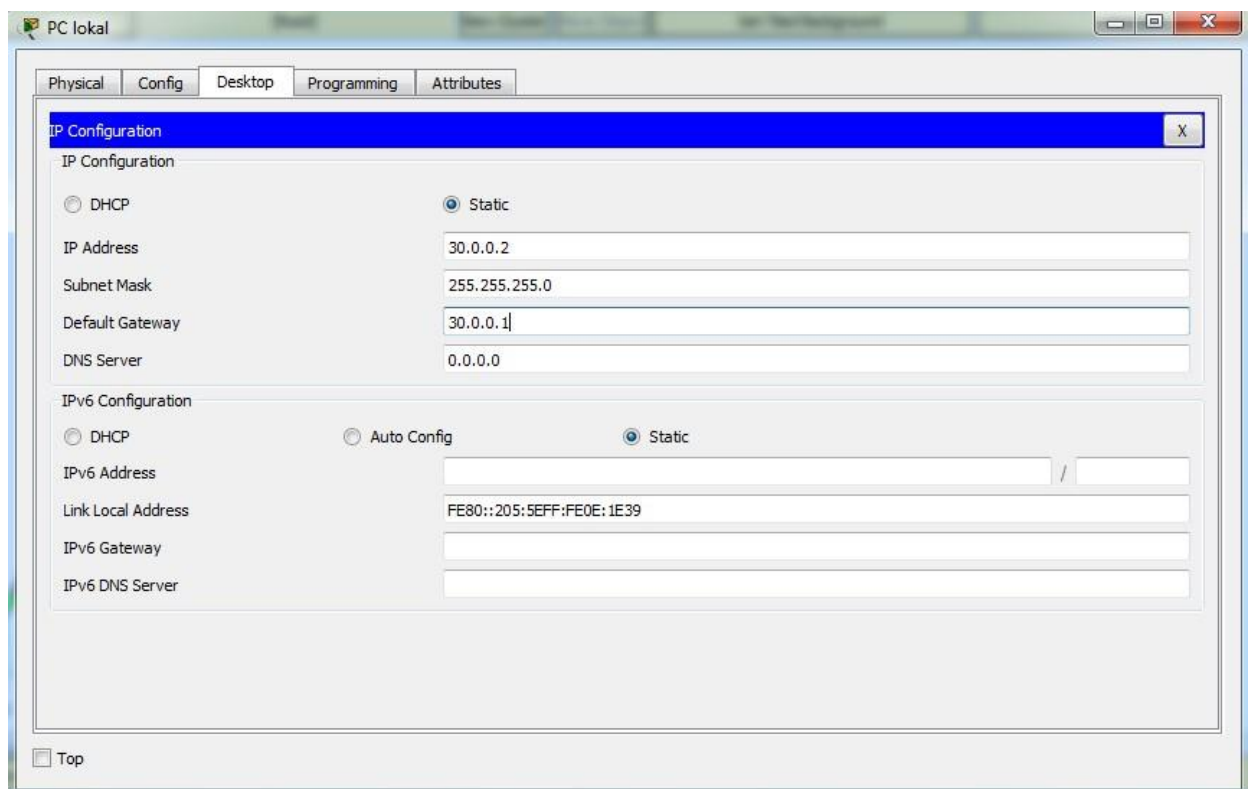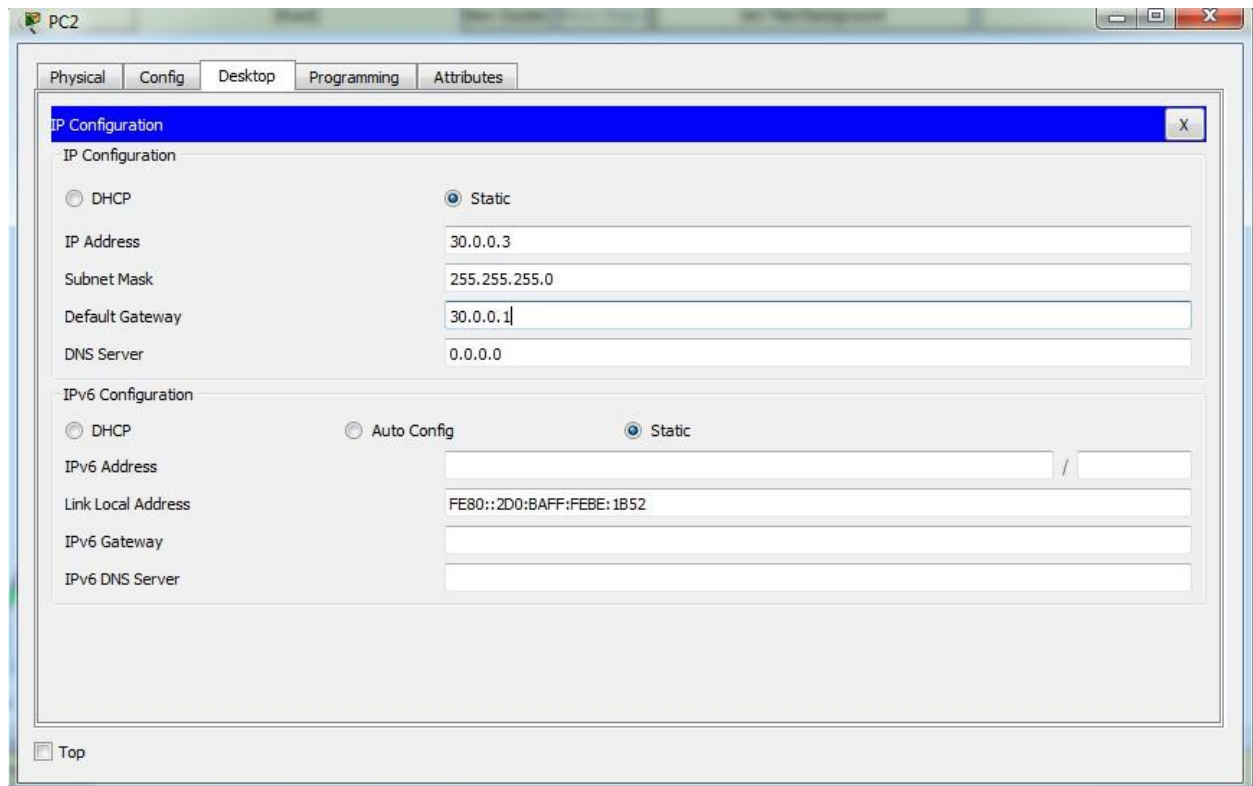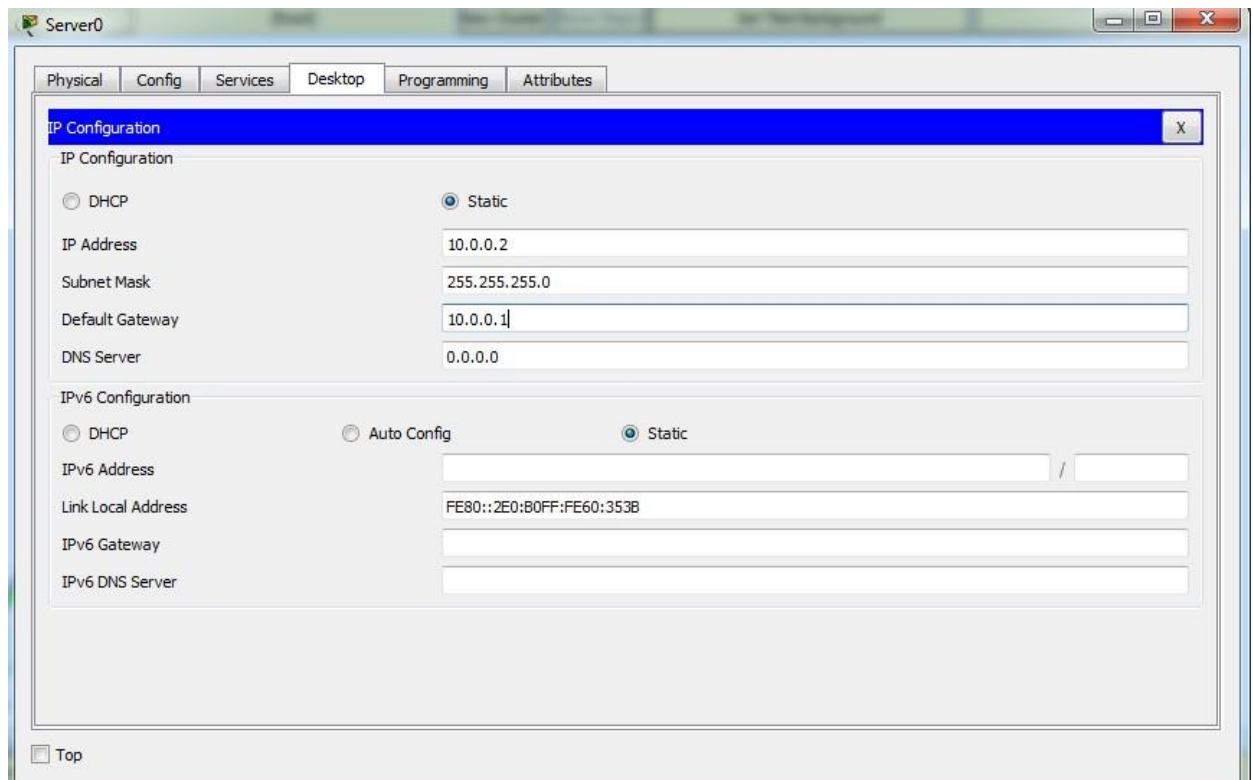
Router internet

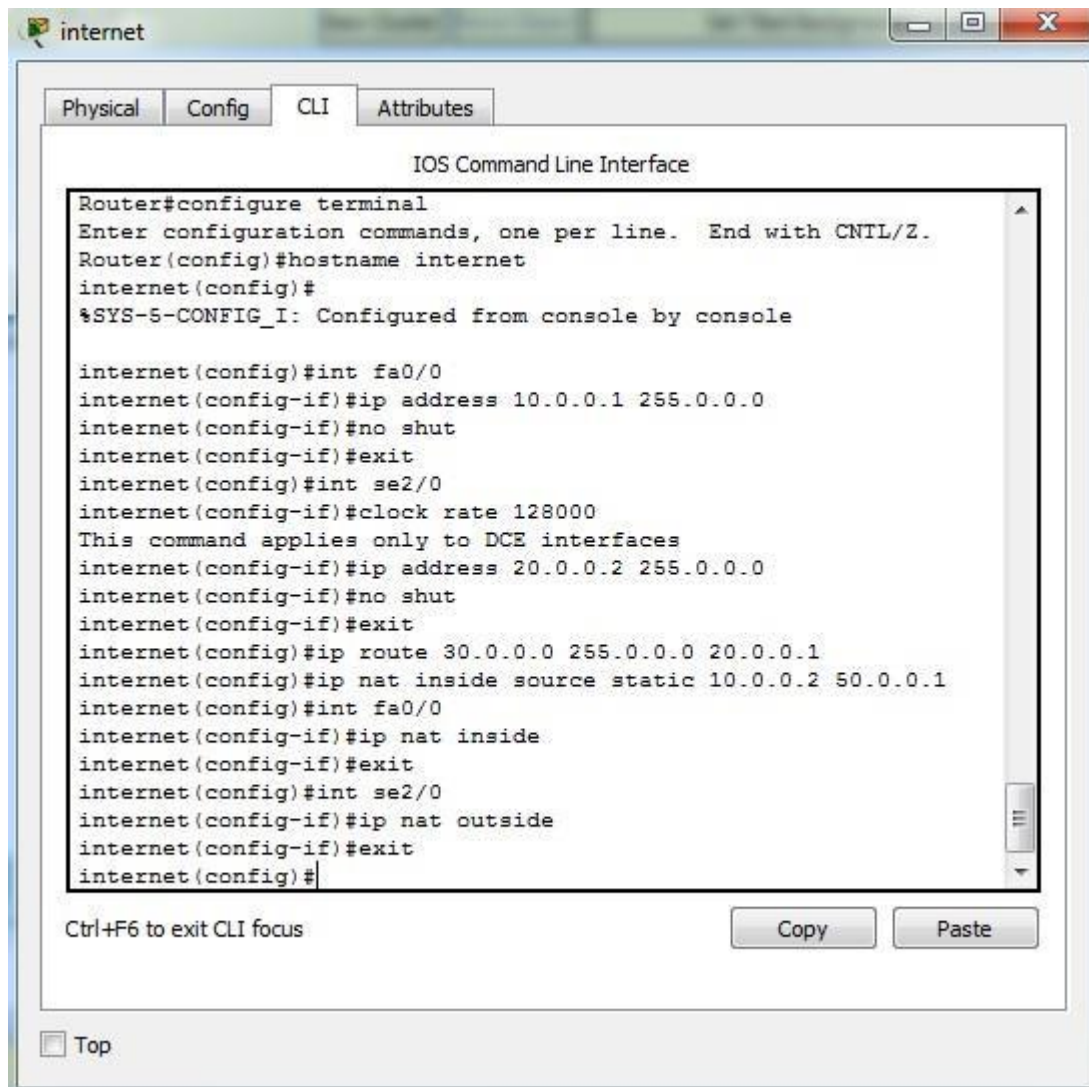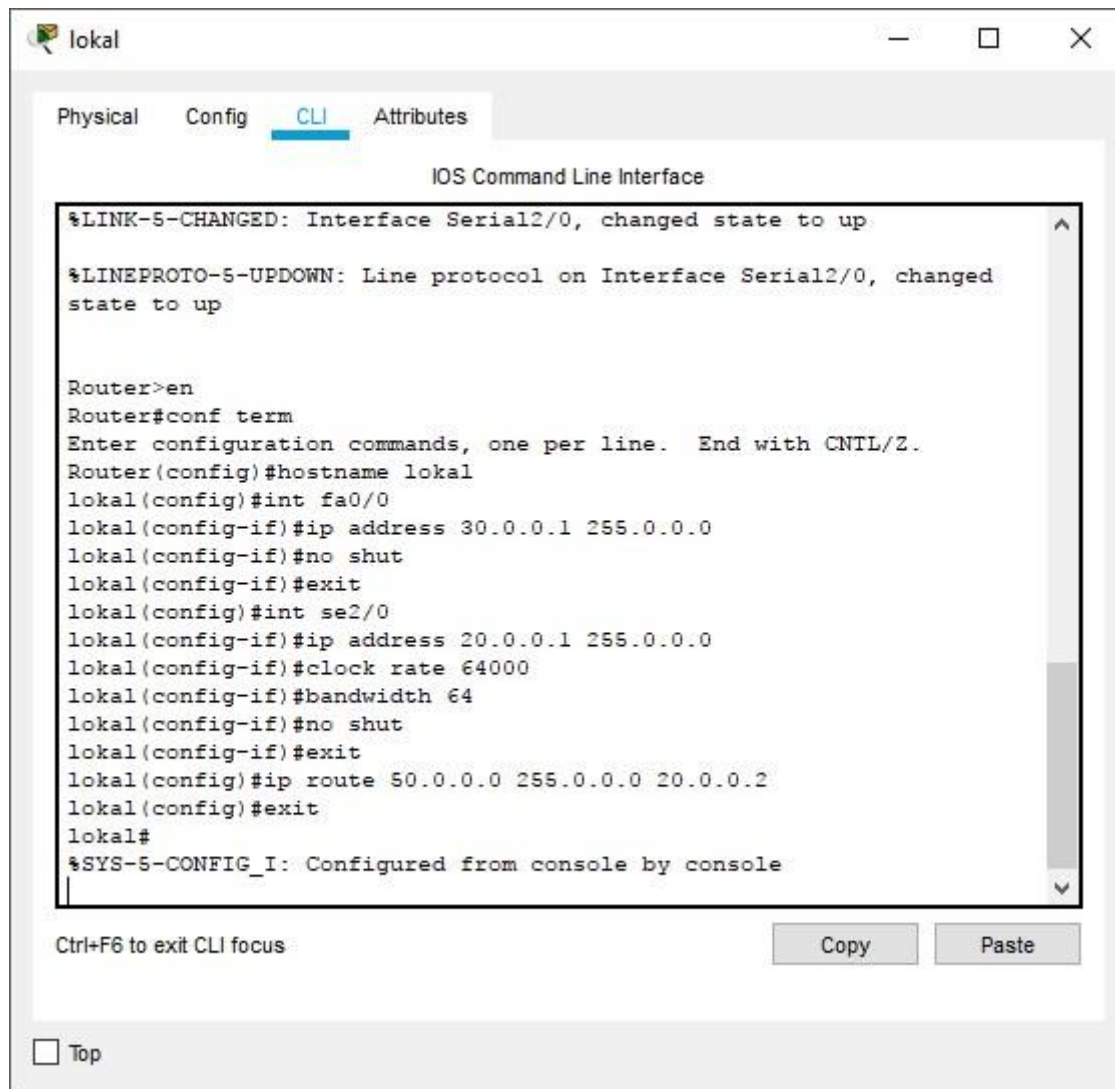3. Memberi IP Addess pada PC Lokal, PC 02, dan Server PC Lokal

PC 02

Server

4. Konfigurasi router internet

```
internet

Physical   Config   CLI   Attributes

                  IOS Command Line Interface

Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#hostname internet
internet(config)#
%SYS-5-CONFIG_I: Configured from console by console

internet(config)#int fa0/0
internet(config-if)#ip address 10.0.0.1 255.0.0.0
internet(config-if)#no shut
internet(config-if)#exit
internet(config)#int se2/0
internet(config-if)#clock rate 128000
This command applies only to DCE interfaces
internet(config-if)#ip address 20.0.0.2 255.0.0.0
internet(config-if)#no shut
internet(config-if)#exit
internet(config)#ip route 30.0.0.0 255.0.0.0 20.0.0.1
internet(config)#ip nat inside source static 10.0.0.2 50.0.0.1
internet(config)#int fa0/0
internet(config-if)#ip nat inside
internet(config-if)#exit
internet(config)#int se2/0
internet(config-if)#ip nat outside
internet(config-if)#exit
internet(config)#

Ctrl+F6 to exit CLI focus            Copy      Paste

☐ Top
```
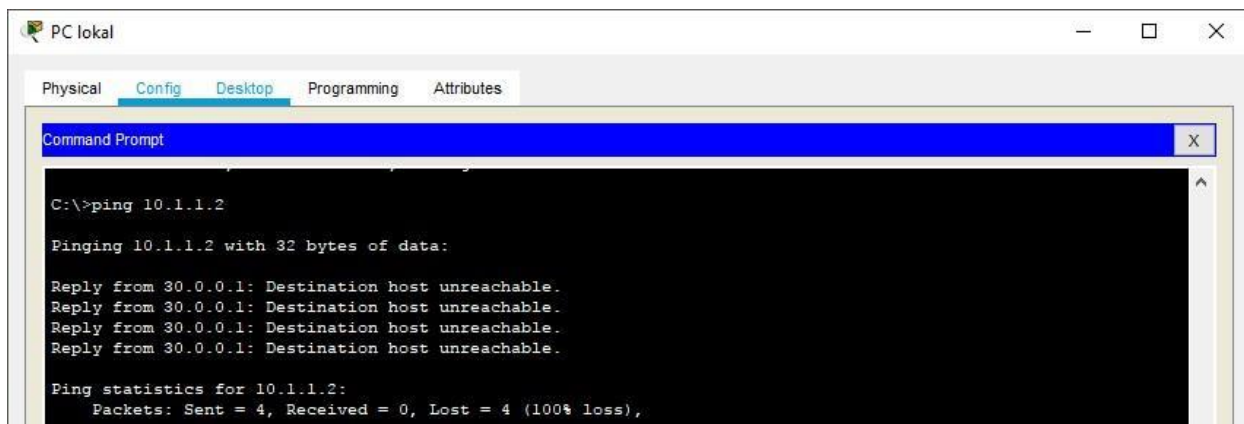
5. Konfigurasi router local

6 uji coba koneksi dari PC local ke web server

Ping ke private server

```
C:\>ping 10.0.0.2

Pinging 10.0.0.2 with 32 bytes of data:

Reply from 30.0.0.1: Destination host unreachable.
Reply from 30.0.0.1: Destination host unreachable.
Reply from 30.0.0.1: Destination host unreachable.
Reply from 30.0.0.1: Destination host unreachable.

Ping statistics for 10.0.0.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

Ping ping terhadap IP public dari web server(50.0.0.1)

```
C:\>ping 50.0.0.1

Pinging 50.0.0.1 with 32 bytes of data:

Reply from 50.0.0.1: bytes=32 time=1ms TTL=126
Reply from 50.0.0.1: bytes=32 time=14ms TTL=126
Reply from 50.0.0.1: bytes=32 time=11ms TTL=126
Reply from 50.0.0.1: bytes=32 time=11ms TTL=126

Ping statistics for 50.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 14ms, Average = 9ms

C:\>
```

☐ Top