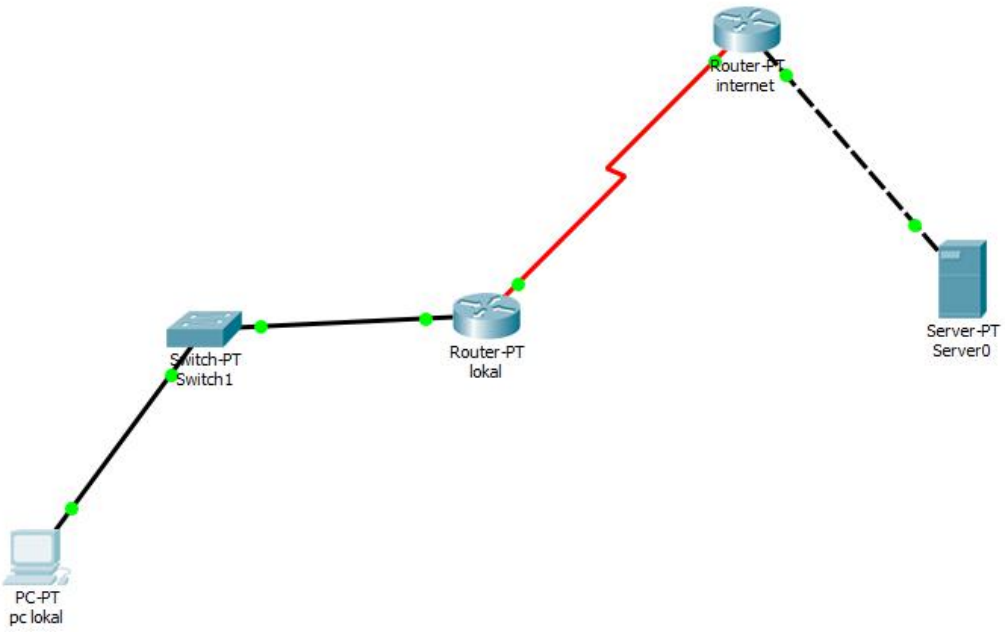
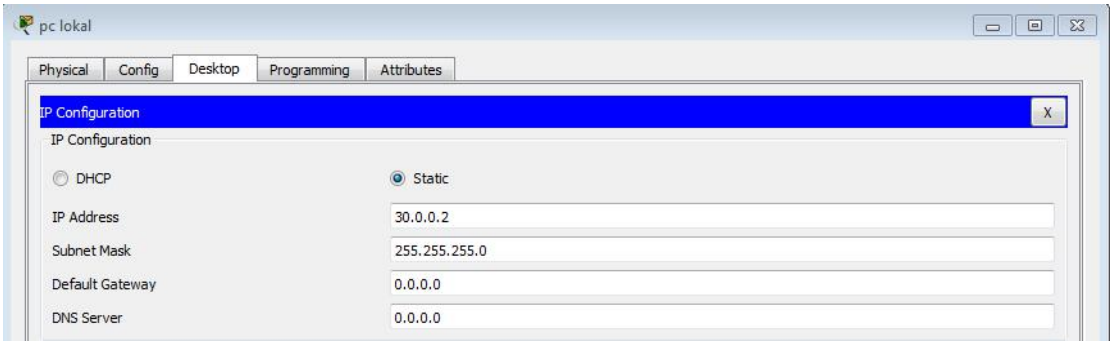
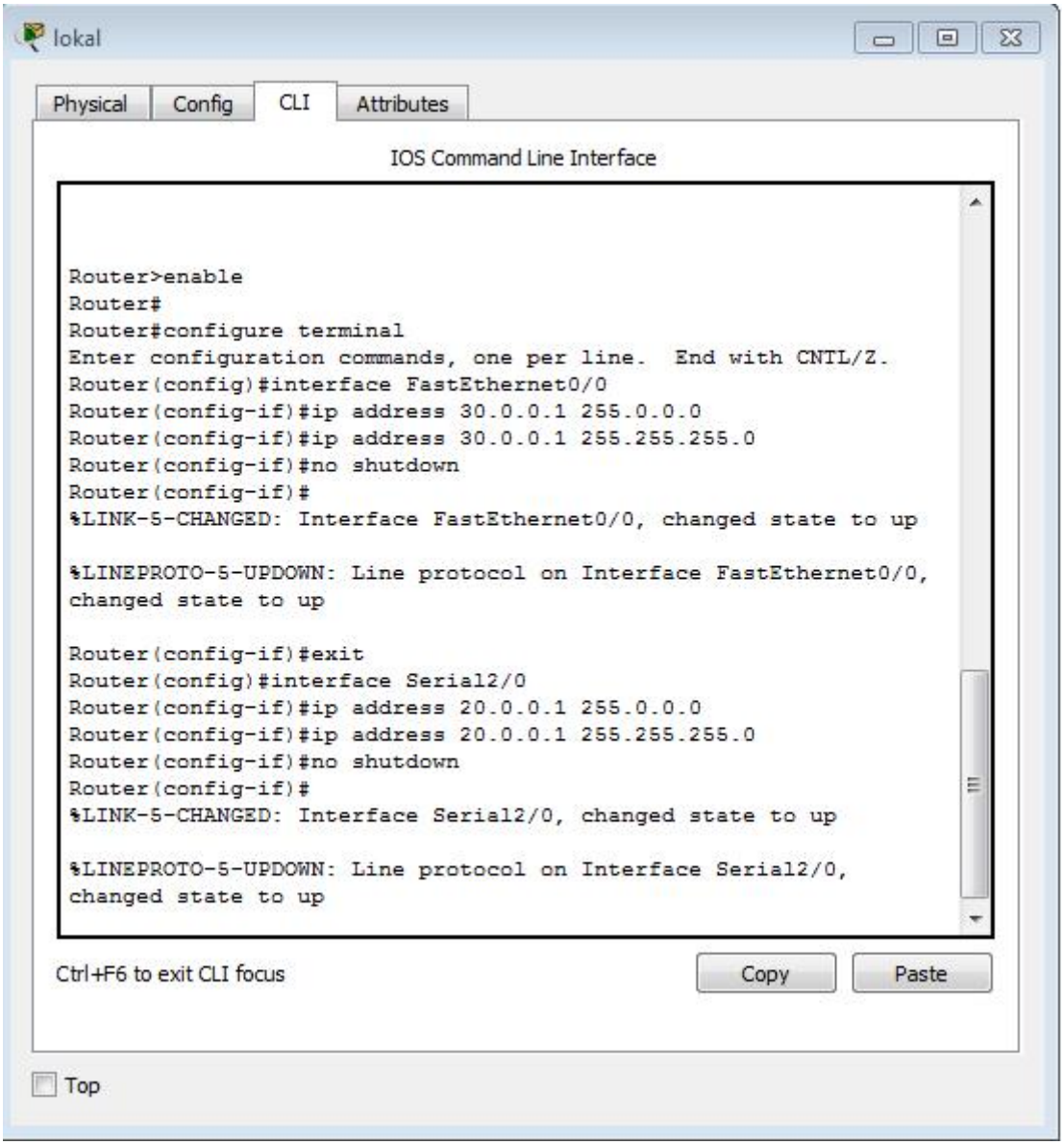
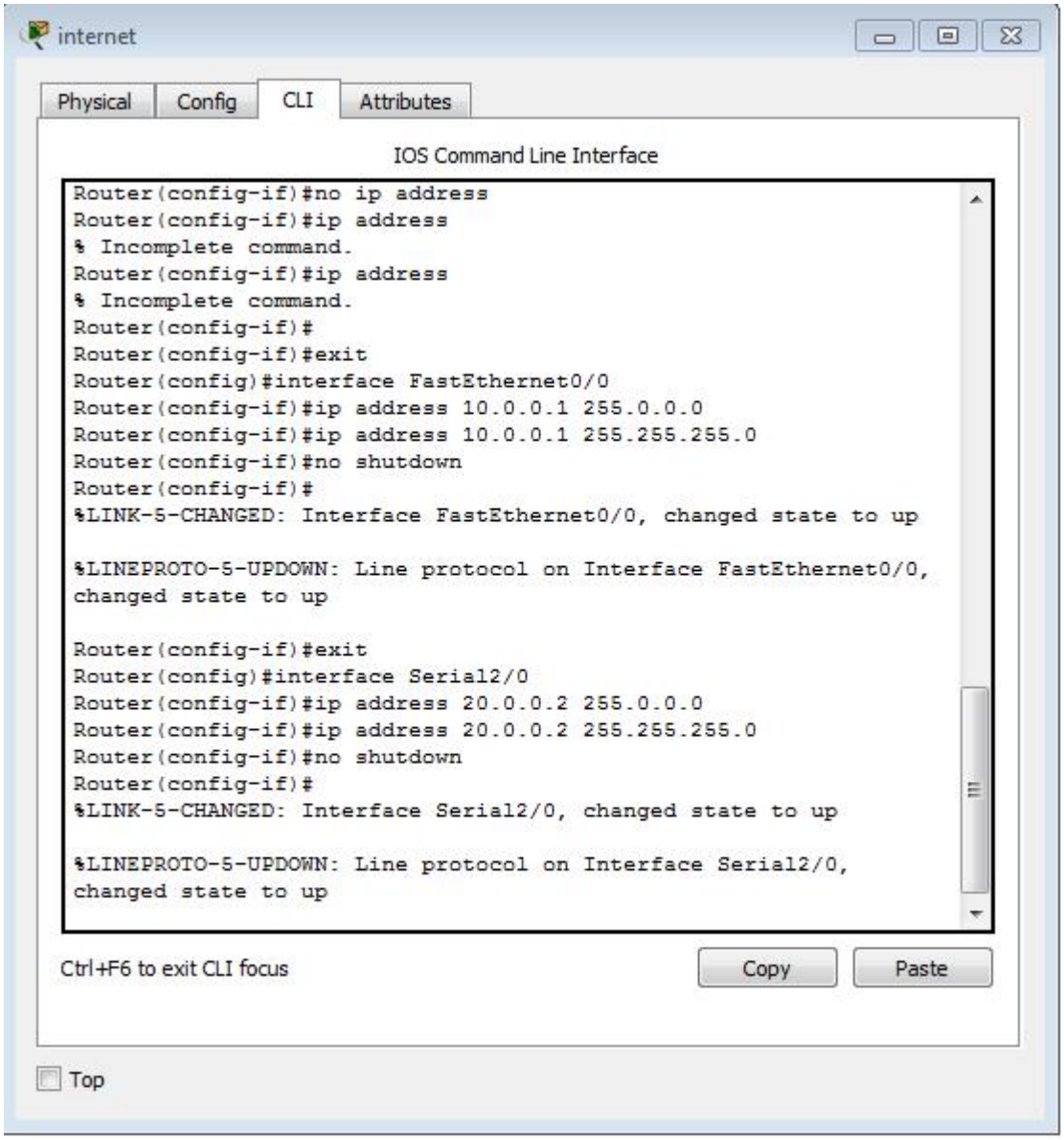
Nama : SARTIKA RIZKY M
NIM : L200170118
Kelas : C

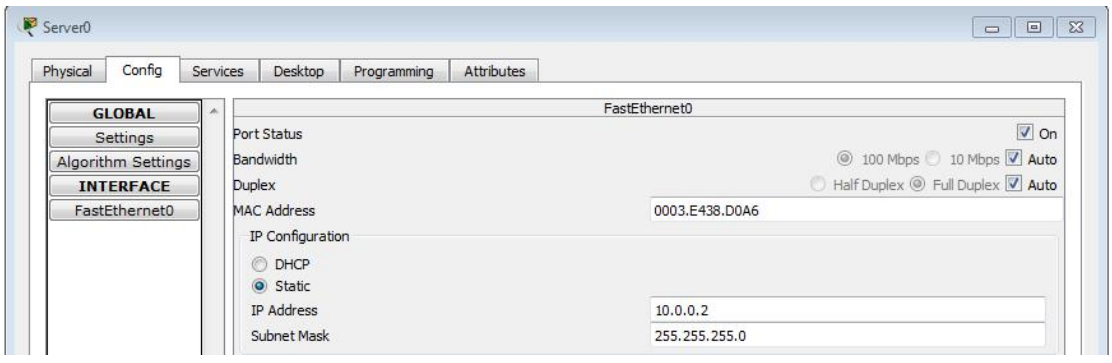
Modul 9

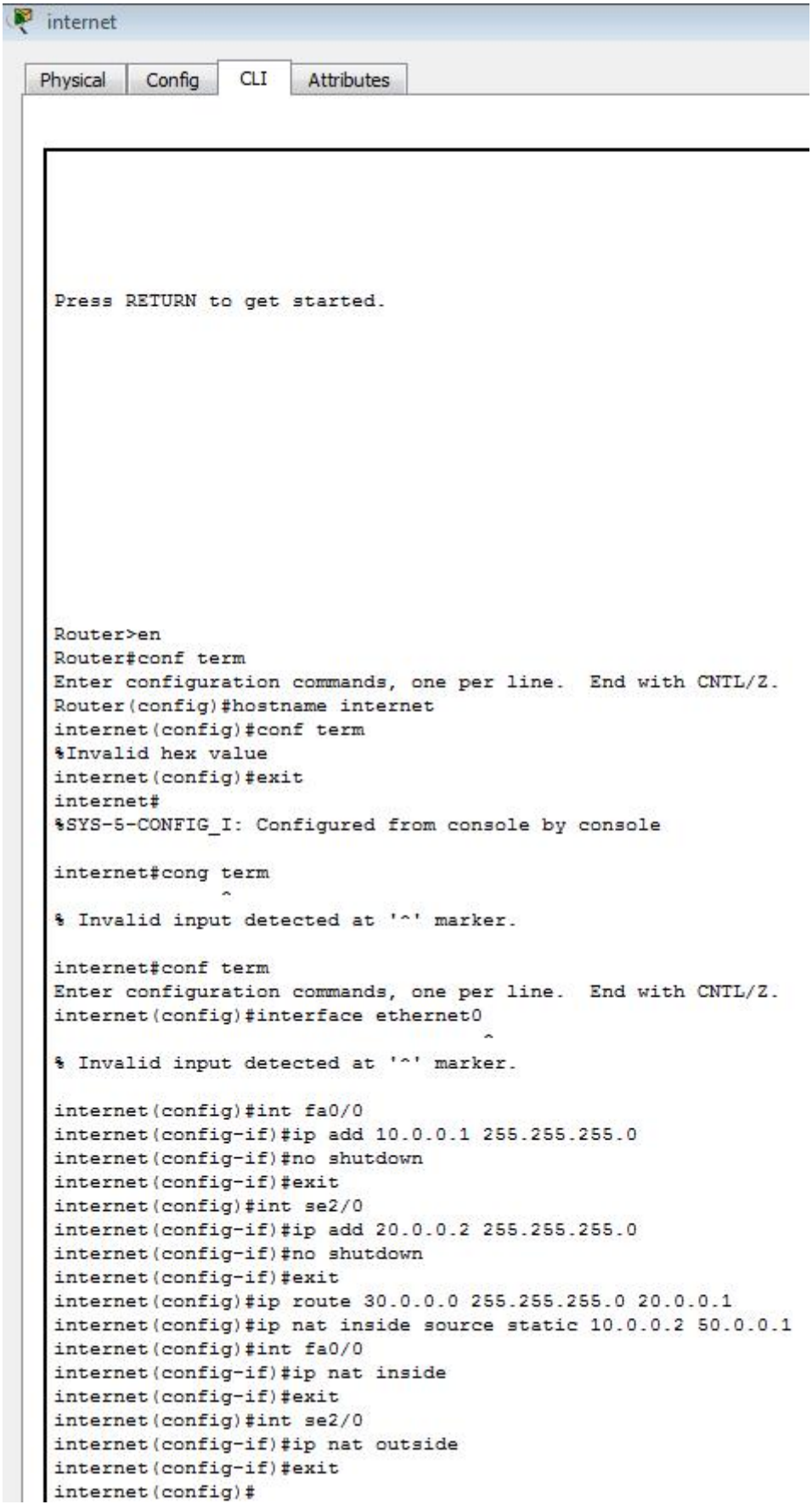


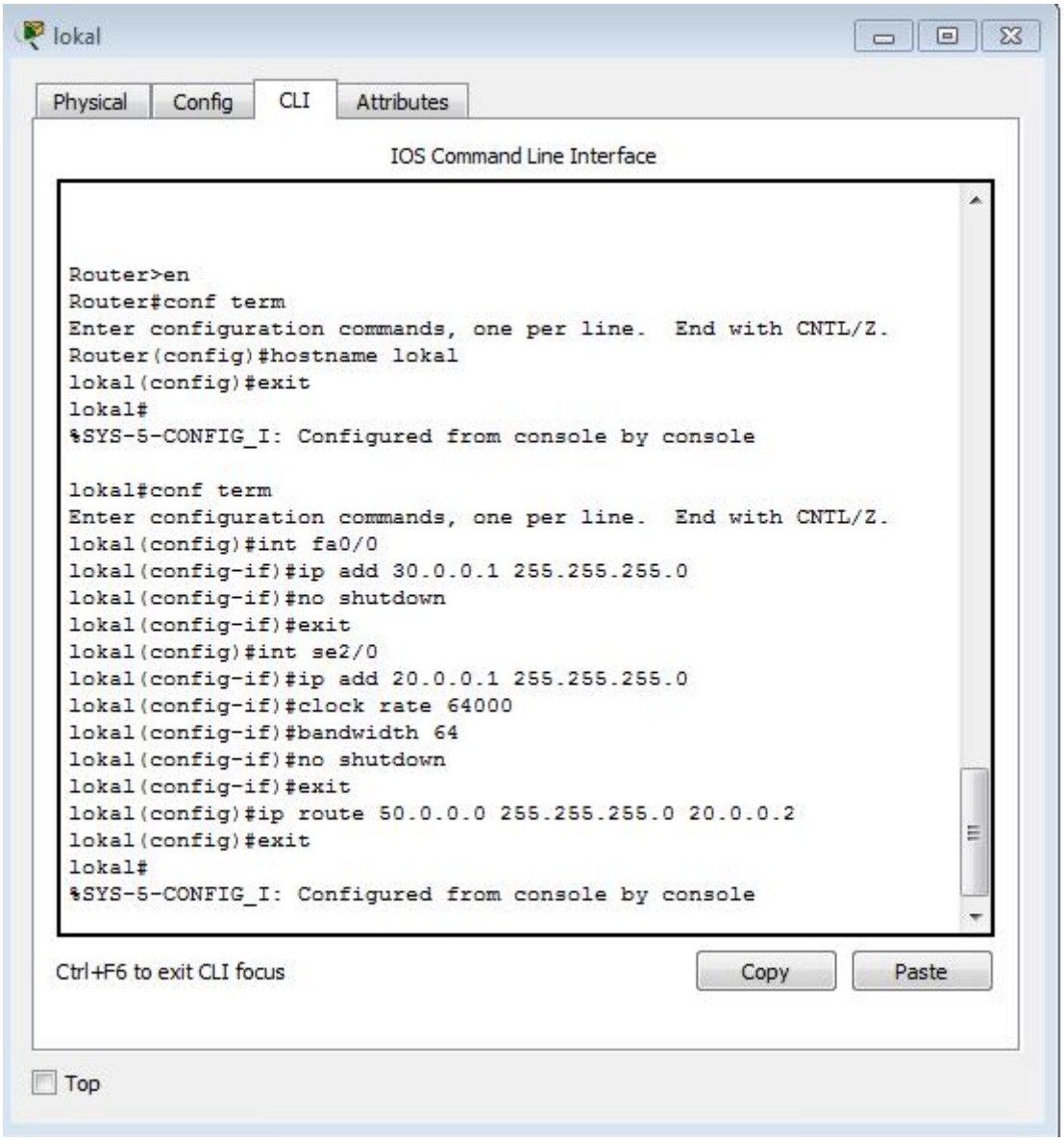



lokal
Physical
Config
CLI
Attributes
IOS Command Line Interface
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 30.0.0.1 255.0.0.0
Router(config-if)#ip address 30.0.0.1 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0,
changed state to up
Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#ip address 20.0.0.1 255.0.0.0
Router(config-if)#ip address 20.0.0.1 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0,
changed state to up
Ctrl+F6 to exit CLI focus
Copy
Paste
Top

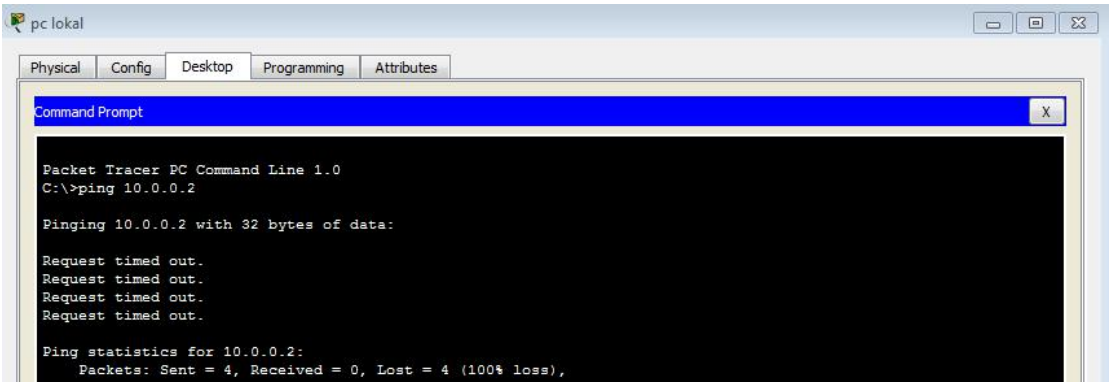

internet
Physical
Config
CLI
Attributes
IOS Command Line Interface
Router(config-if)#no ip address
Router(config-if)#ip address
% Incomplete command.
Router(config-if)#ip address
% Incomplete command.
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#ip address 10.0.0.1 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#ip address 20.0.0.2 255.0.0.0
Router(config-if)#ip address 20.0.0.2 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up
Ctrl+F6 to exit CLI focus
Copy
Paste
Top


Server0
Physical
Config
Services
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
FastEthernet0
Port Status
On
Bandwidth
100 Mbps
10 Mbps
Auto
Duplex
Half Duplex
Full Duplex
Auto
MAC Address
0003.E438.D0A6
IP Configuration
DHCP
Static
IP Address
10.0.0.2
Subnet Mask
255.255.255.0


internet
Physical
Config
CLI
Attributes
Press RETURN to get started.
Router>en
Router#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname internet
internet(config)#conf term
%Invalid hex value
internet(config)#exit
internet#
%SYS-5-CONFIG_I: Configured from console by console
internet#cong term
^
% Invalid input detected at '^' marker.
internet#conf term
Enter configuration commands, one per line. End with CNTL/Z.
internet(config)#interface ethernet0
^
% Invalid input detected at '^' marker.
internet(config)#int fa0/0
internet(config-if)#ip add 10.0.0.1 255.255.255.0
internet(config-if)#no shutdown
internet(config-if)#exit
internet(config)#int se2/0
internet(config-if)#ip add 20.0.0.2 255.255.255.0
internet(config-if)#no shutdown
internet(config-if)#exit
internet(config)#ip route 30.0.0.0 255.255.255.0 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)#



Ping ke IP Server

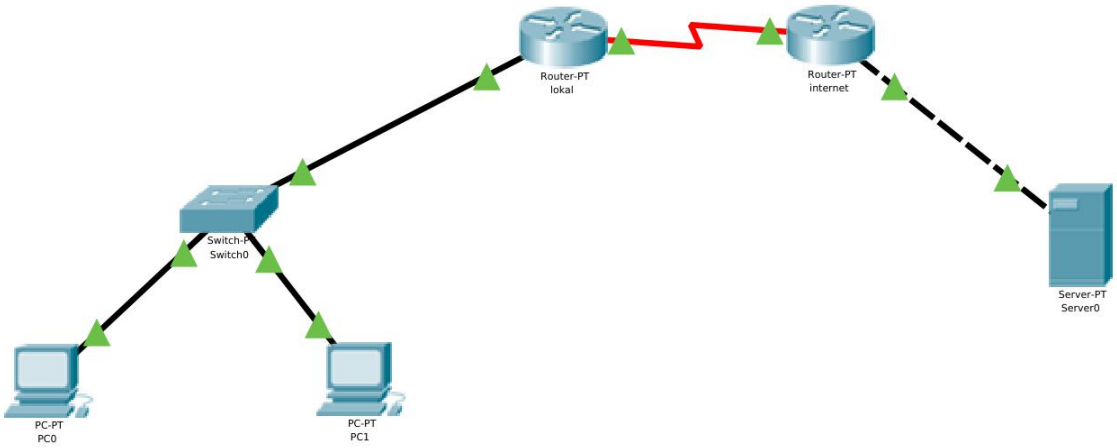


Ping ke IP publik server

```
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=4ms TTL=126
Reply from 50.0.0.1: bytes=32 time=1ms TTL=126
Reply from 50.0.0.1: bytes=32 time=1ms TTL=126
Reply from 50.0.0.1: bytes=32 time=1ms 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 = 4ms, Average = 1ms

C:\>
```

Top

Kegiatan no.7



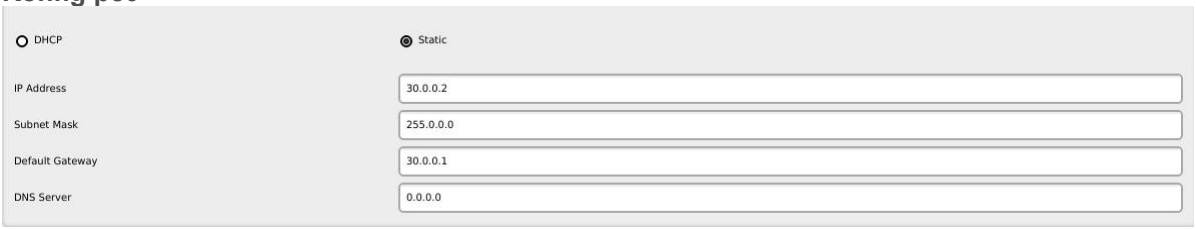
Konfig roouter internet

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#
Router(config)#
Router(config)#hostname internet
internet(config)#
internet(config)#
internet(config)#
internet(config)#interface FastEthernet0/0
internet(config-if)#ip address 10.0.0.1 255.0.0.0
internet(config-if)#ip address 10.0.0.1 255.0.0.0
internet(config-if)#no shutdown
internet(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

internet(config-if)#exit
internet(config)#interface Serial2/0
internet(config-if)#ip address 20.0.0.2 255.0.0.0
internet(config-if)#ip address 20.0.0.2 255.0.0.0
internet(config-if)#no shutdown
internet(config-if)#clock rate 128000
This command applies only to DCE interfaces
internet(config-if)#
```

Konfig router local

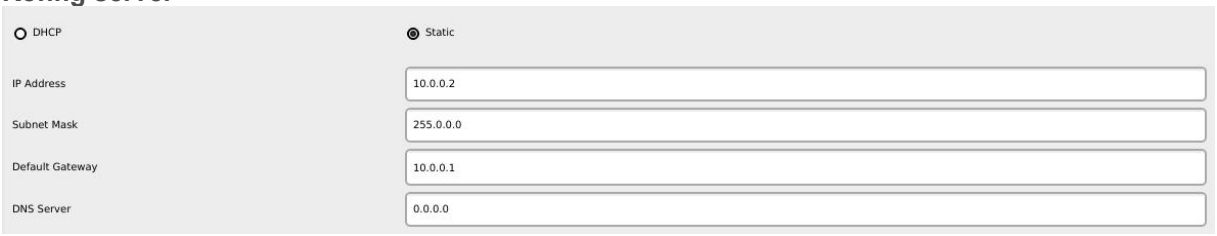
```
Router>enable
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#hostname lokal
lokal(config)#
lokal(config)#interface FastEthernet0/0
lokal(config-if)#ip address 30.0.0.1 255.0.0.0
lokal(config-if)#ip address 30.0.0.1 255.0.0.0
lokal(config-if)#no shutdown
lokal(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

lokal(config-if)#exit
lokal(config)#interface Serial2/0
lokal(config-if)#ip address 20.0.0.1 255.0.0.0
lokal(config-if)#ip address 20.0.0.1 255.0.0.0
lokal(config-if)#clock rate 128000
lokal(config-if)#no shutdown
lokal(config-if)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up
```

Konfig pc0



Konfig pc1

Konfig server



CLI router internet

```
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)#ip nat inside source static 10.0.0.2 50.0.0.1
internet(config)#
```

CLI router local

```
lokal>enable
lokal#
lokal#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
lokal(config)#
lokal(config)#ip route 50.0.0.0 255.0.0.0 20.0.0.2
lokal(config)#
```

```
Packet Tracer PC Command Line 1.0
C:\>ping 50.0.0.1

Pinging 50.0.0.1 with 32 bytes of data:

Request timed out.
Reply from 50.0.0.1: bytes=32 time=2ms TTL=126
Reply from 50.0.0.1: bytes=32 time=1ms TTL=126
Reply from 50.0.0.1: bytes=32 time=1ms TTL=126

Ping statistics for 50.0.0.1:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 1ms, Maximum = 2ms, Average = 1ms

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),
```