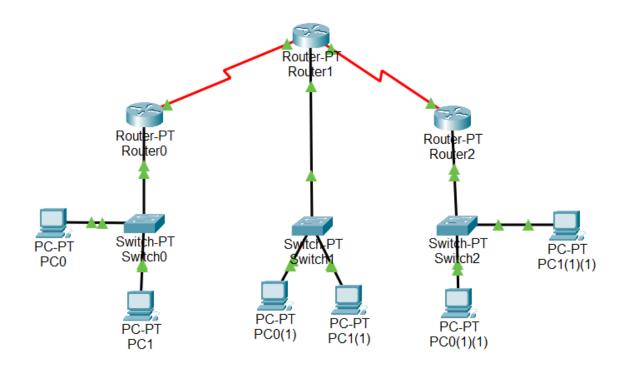
Nama: Jonathan Natannael Zefanya

NIM: 1152200024

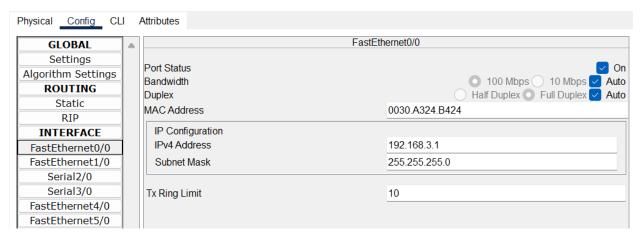
## **Laporan Routing RIP**

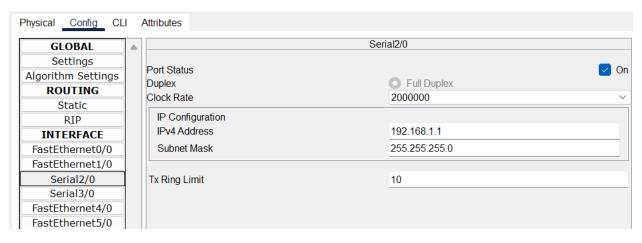
# **Topologi**



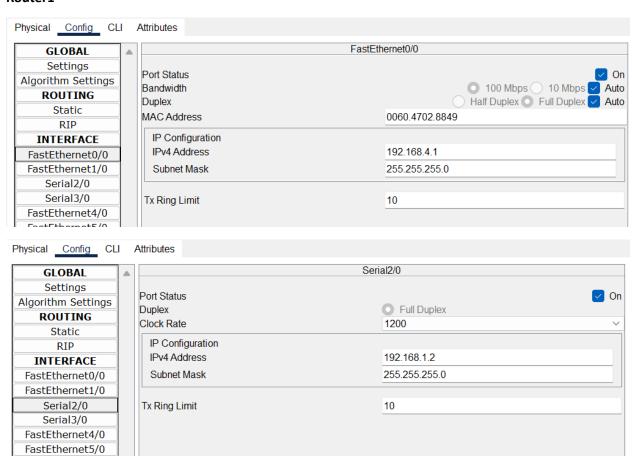
# Konfigurasi IP tiap device

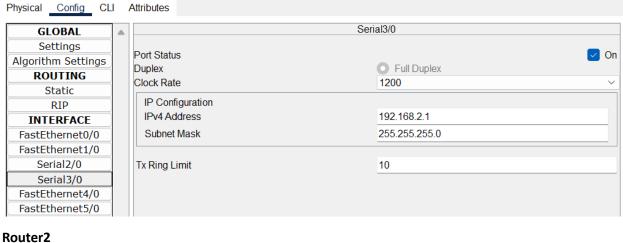
# Router0

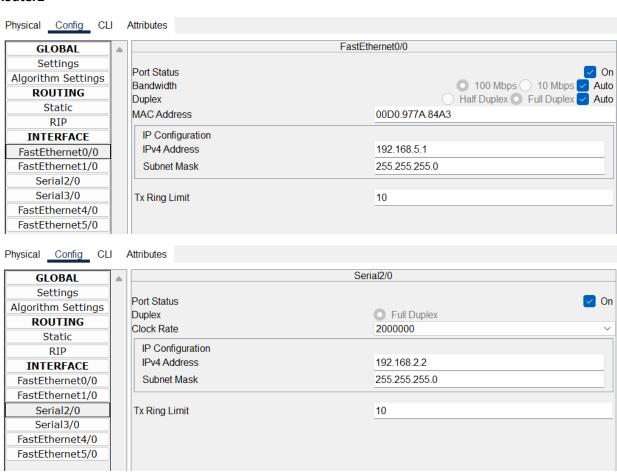




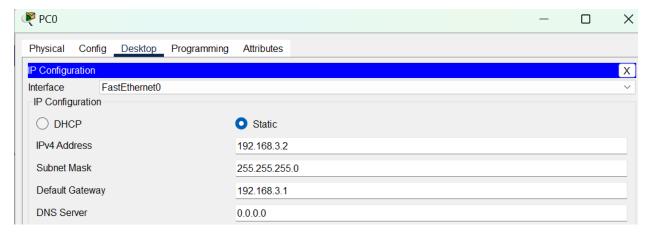
#### Router1



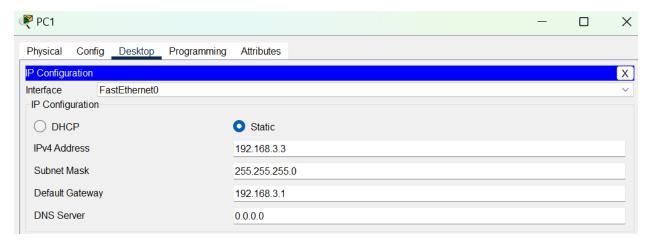




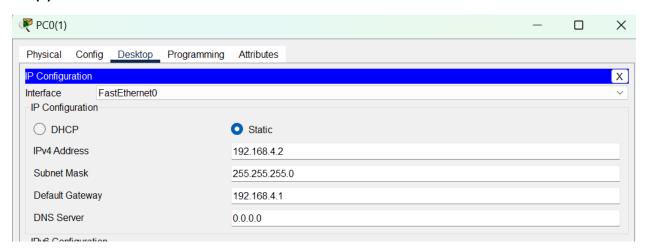
PC0



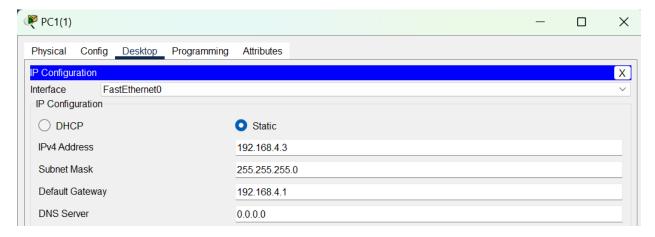
## PC1



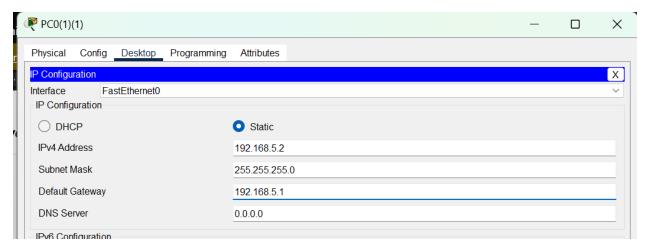
# PC0(1)



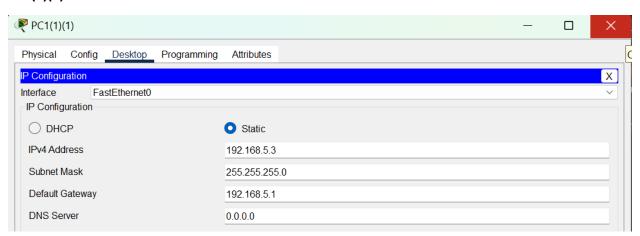
PC1(1)



# PC0(1)(1)



# PC1(1)(1)



# **Konfigurasi Routing RIP**

## Router0

```
Router > en
Router # conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router (config) # router rip
Router (config-router) # version 2
Router (config-router) # network 192.168.1.0
Router (config-router) # network 192.168.3.0
Router (config-router) # |
Router1

Router > en
Router # conf t
```

```
Router = Configuration commands, one per line. End with CNTL/Z.

Router(config) #router rip

Router(config-router) #version 2

Router(config-router) #network 192.168.1.0

Router(config-router) #network 192.168.2.0

Router(config-router) #network 192.168.4.0

Router(config-router) #
```

#### Router2

```
Router > en
Router # conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router (config) # router rip
Router (config-router) # version 2
Router (config-router) # network 192.168.2.0
Router (config-router) # network 192.168.5.0
Router (config-router) #
```

### Result

## Test Ping PC0 ke PC0(1)

```
C:\>ping 192.168.4.2

Pinging 192.168.4.2 with 32 bytes of data:

Reply from 192.168.4.2: bytes=32 time=16ms TTL=126
Reply from 192.168.4.2: bytes=32 time=11ms TTL=126
Reply from 192.168.4.2: bytes=32 time=3ms TTL=126
Reply from 192.168.4.2: bytes=32 time=1ms TTL=126
Ping statistics for 192.168.4.2:
   Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
   Minimum = 1ms, Maximum = 16ms, Average = 7ms
```

## Test Ping PC0 ke PC0(1)(1)

```
C:\>ping 192.168.5.2
Pinging 192.168.5.2 with 32 bytes of data:

Reply from 192.168.5.2: bytes=32 time=24ms TTL=125
Reply from 192.168.5.2: bytes=32 time=18ms TTL=125
Reply from 192.168.5.2: bytes=32 time=2ms TTL=125
Reply from 192.168.5.2: bytes=32 time=2ms TTL=125
Ping statistics for 192.168.5.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 24ms, Average = 11ms
```