

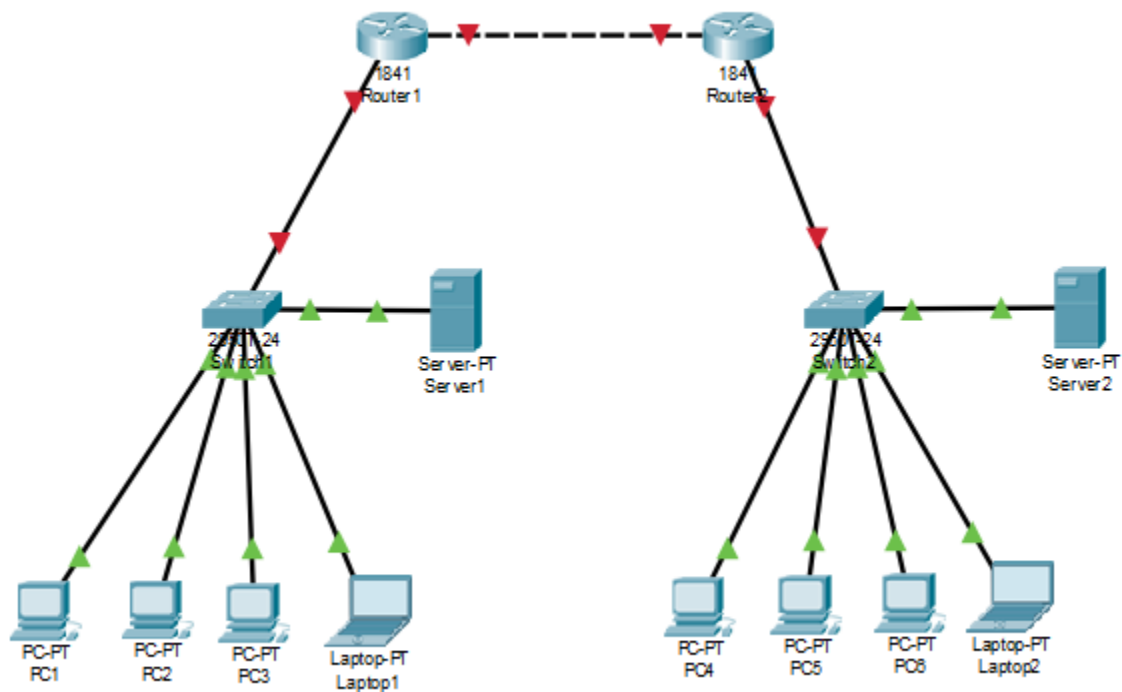
# LAPORAN PRAKTIKUM JARINGAN KOMPUTER

## MODUL 2 : Pengenalan Cisco Packet Tracer

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KELAS A

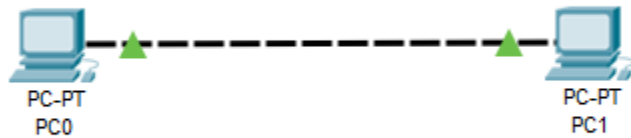
### KEGIATAN 1



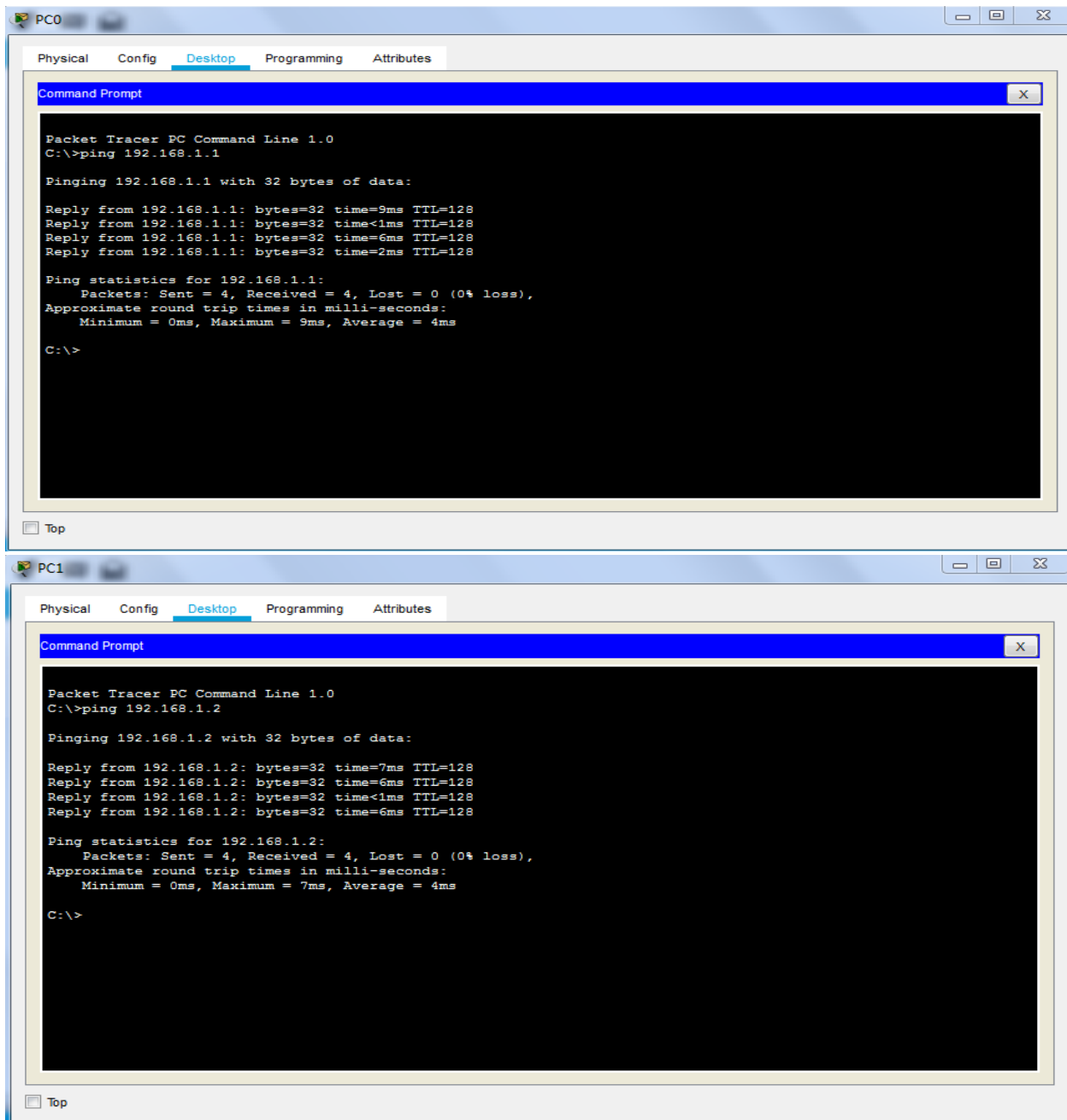
Amatilah lampu indikator pada setiap titik. Kemudian jelaskan pada kolom dibawah ini

- ❖ Antara router 1 dengan router 2 kabel tidak terhubung ditandai dengan warna merah
- ❖ Keduanya Antara router dengan switch kabel tidak terhubung ditandai dengan warna merah
- ❖ Antara switch, server dan PC kabel atau end device saling terhubung sehingga warnanya hijau

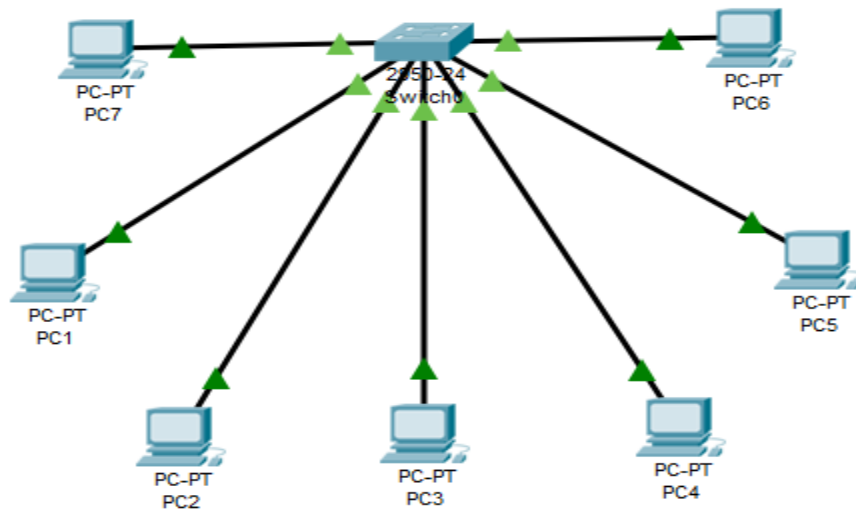
## KEGIATAN 2



DENGAN PC0 IP ADDRESS = 192.168.1.1 & PC1 = 192.168.1.2



### KEGIATAN 3



PC1 = 192.168.1.1	PC5 = 192.168.2.5
PC2 = 192.168.1.2	PC6 = 192.168.2.6
PC3 = 192.168.1.3	PC7 = 192.168.2.7
PC4 = 192.168.1.4	

Setelah rangkaian jadi lakukan ping antara

a. PC 1 ke PC 2

The screenshot shows a Command Prompt window on PC1. The user has performed two ping commands. The first command is 'ping 192.168.1.1', which shows four successful replies with varying times (9ms, <1ms, 6ms, 2ms) and a TTL of 128. The second command is 'ping 192.168.1.2', which also shows four successful replies with times (24ms, <1ms, <1ms, <1ms) and a TTL of 128. Both commands show 0% packet loss.

```
PC1
Physical Config Desktop Programming Attributes
Command Prompt
C:\>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time=9ms TTL=128
Reply from 192.168.1.1: bytes=32 time<1ms TTL=128
Reply from 192.168.1.1: bytes=32 time=6ms TTL=128
Reply from 192.168.1.1: bytes=32 time=2ms TTL=128

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 9ms, Average = 4ms

C:\>ping 192.168.1.2

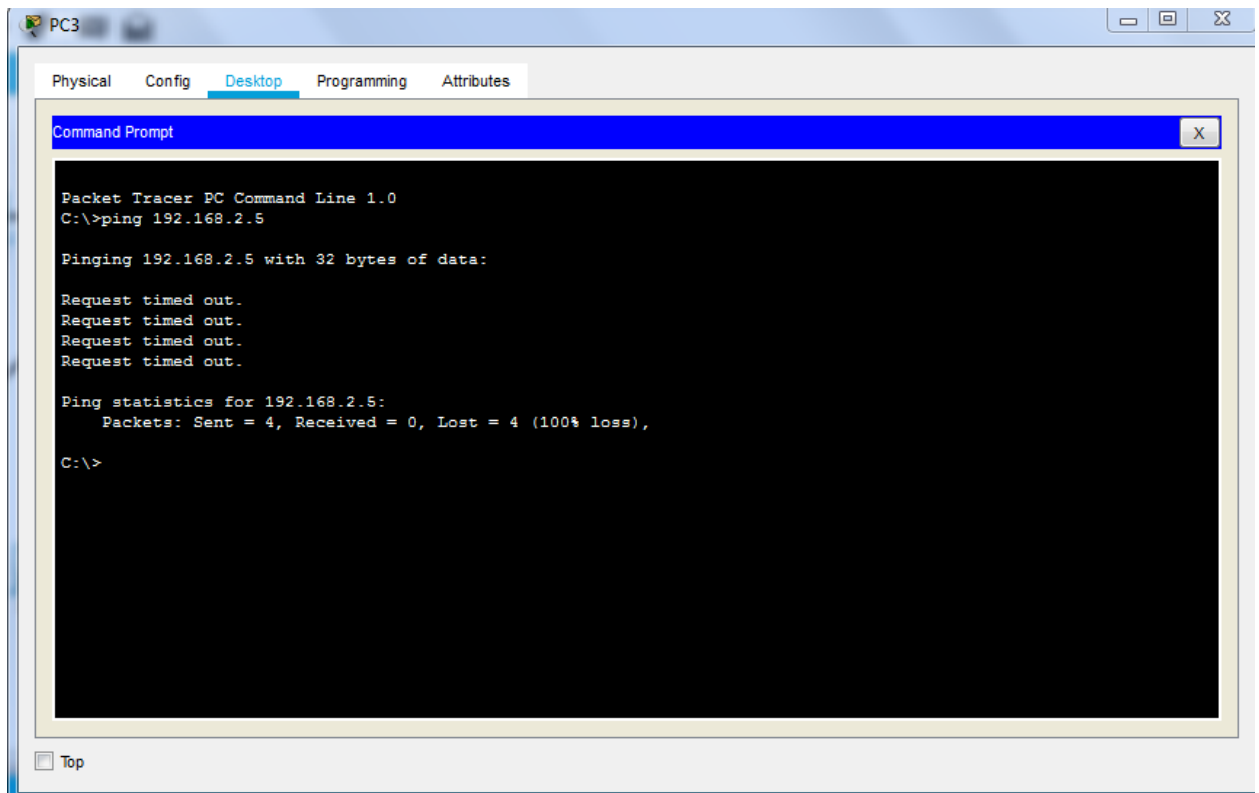
Pinging 192.168.1.2 with 32 bytes of data:

Reply from 192.168.1.2: bytes=32 time=24ms TTL=128
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 24ms, Average = 6ms

C:\>
```

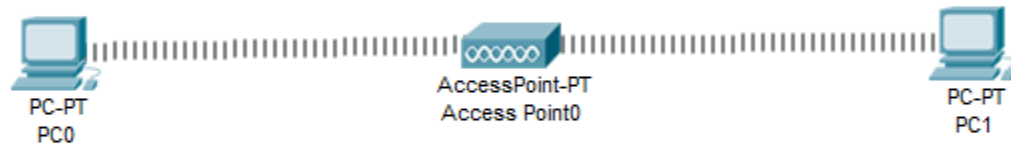
b. PC 3 ke PC 5



**Jelaskan hasilnya pada kolom dibawah ini**

- ❖ Pada ping PC 1 ke PC 2 , Minimum = 0ms, Maximum = 24ms, Average = 6ms
- ❖ Pada ping PC 3 ke PC 5 Terjadi Request Time out karena pada IP addressnya beda network PC3 Networknya 1 Sedangkan PC5 Networknya 2

## KEGIATAN 4



The screenshot shows a Packet Tracer PC Command Line window for PC0. The window has 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 a ping command to 192.163.123.1, with successful results.

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.163.123.1

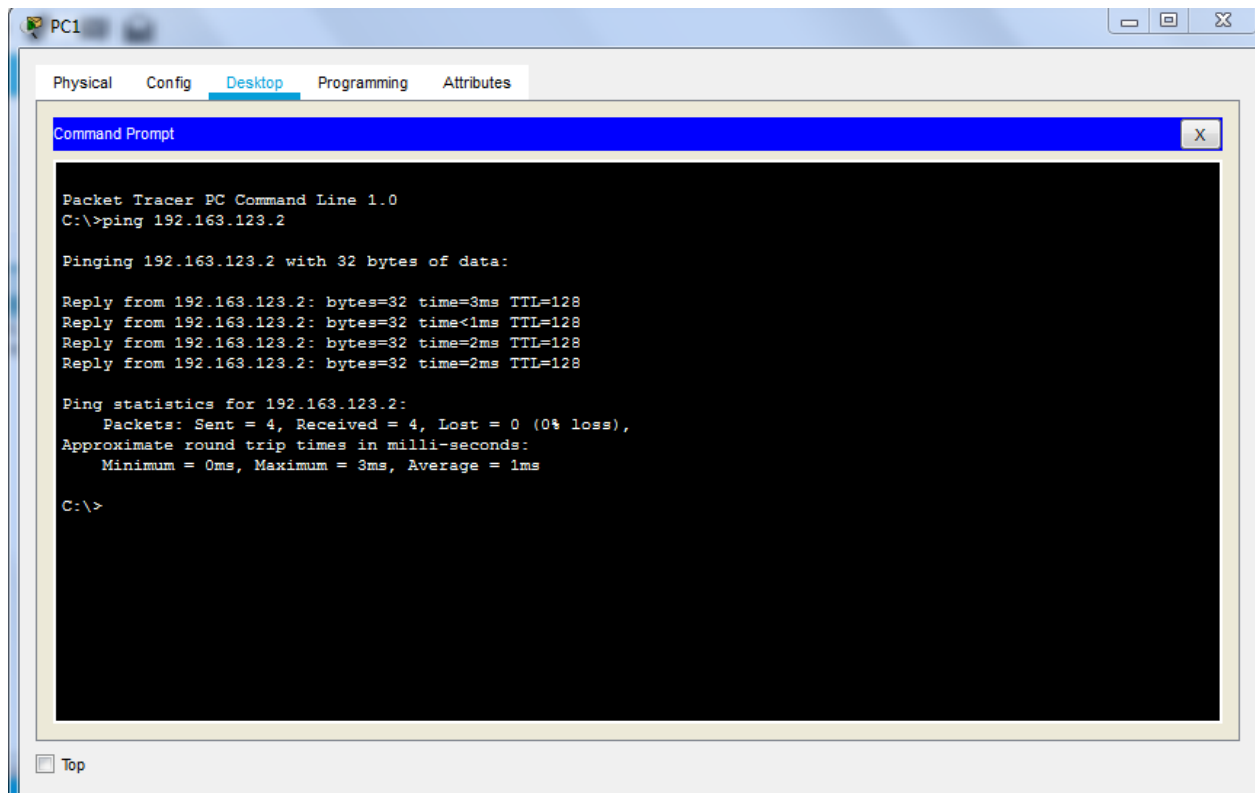
Pinging 192.163.123.1 with 32 bytes of data:

Reply from 192.163.123.1: bytes=32 time=18ms TTL=128
Reply from 192.163.123.1: bytes=32 time=1ms TTL=128
Reply from 192.163.123.1: bytes=32 time=3ms TTL=128
Reply from 192.163.123.1: bytes=32 time=3ms TTL=128

Ping statistics for 192.163.123.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 18ms, Average = 6ms

C:\>
```

At the bottom left of the window, there is a "Top" button.



## KEGIATAN 5

