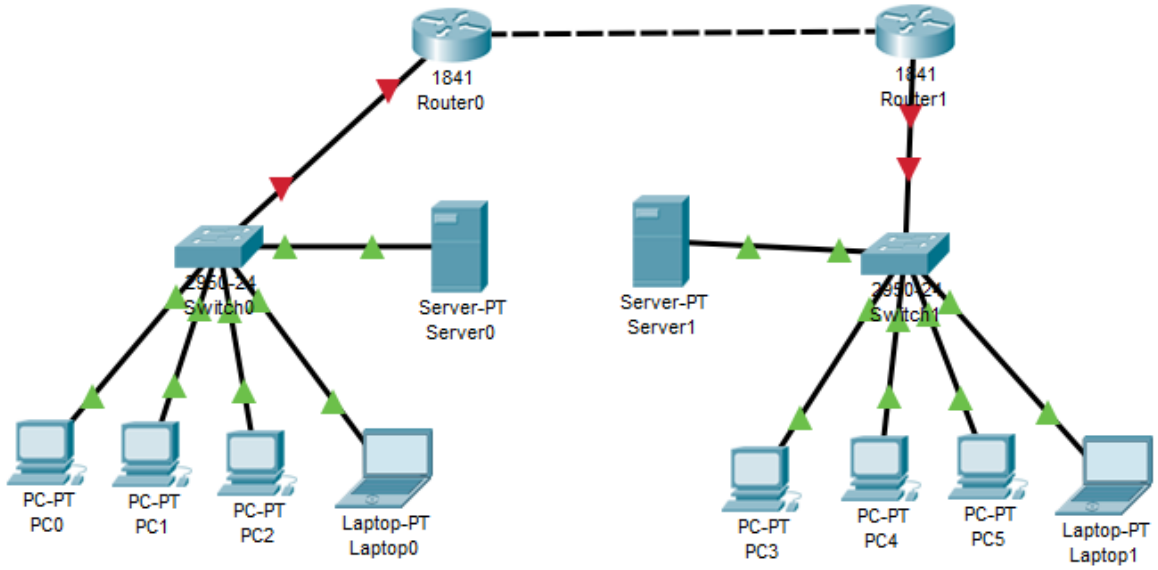
Nama : Mochammad Itmamul Wafa

Nim : L200170184

Kelas : D

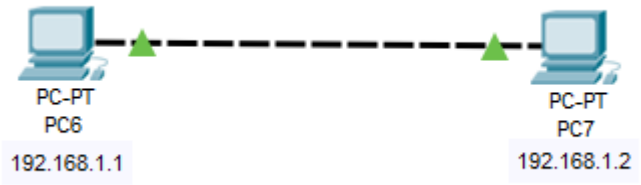
Modul2

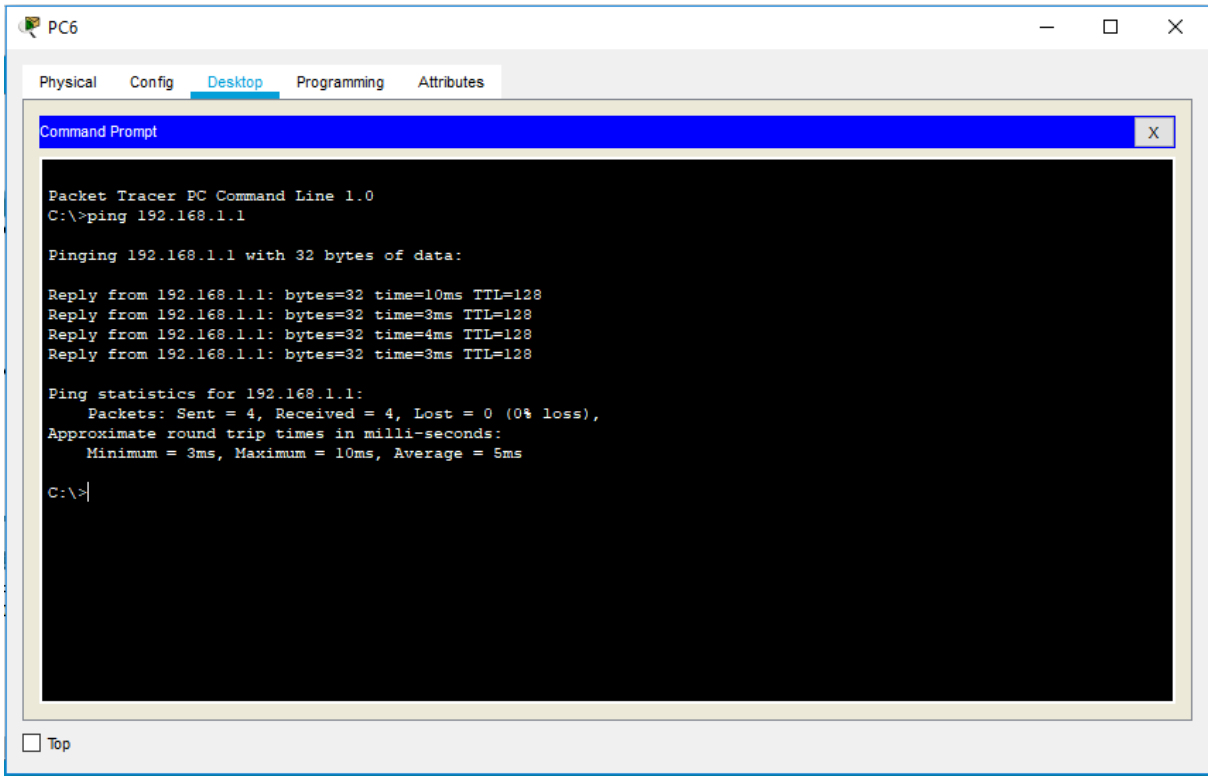
kegiatan 1.

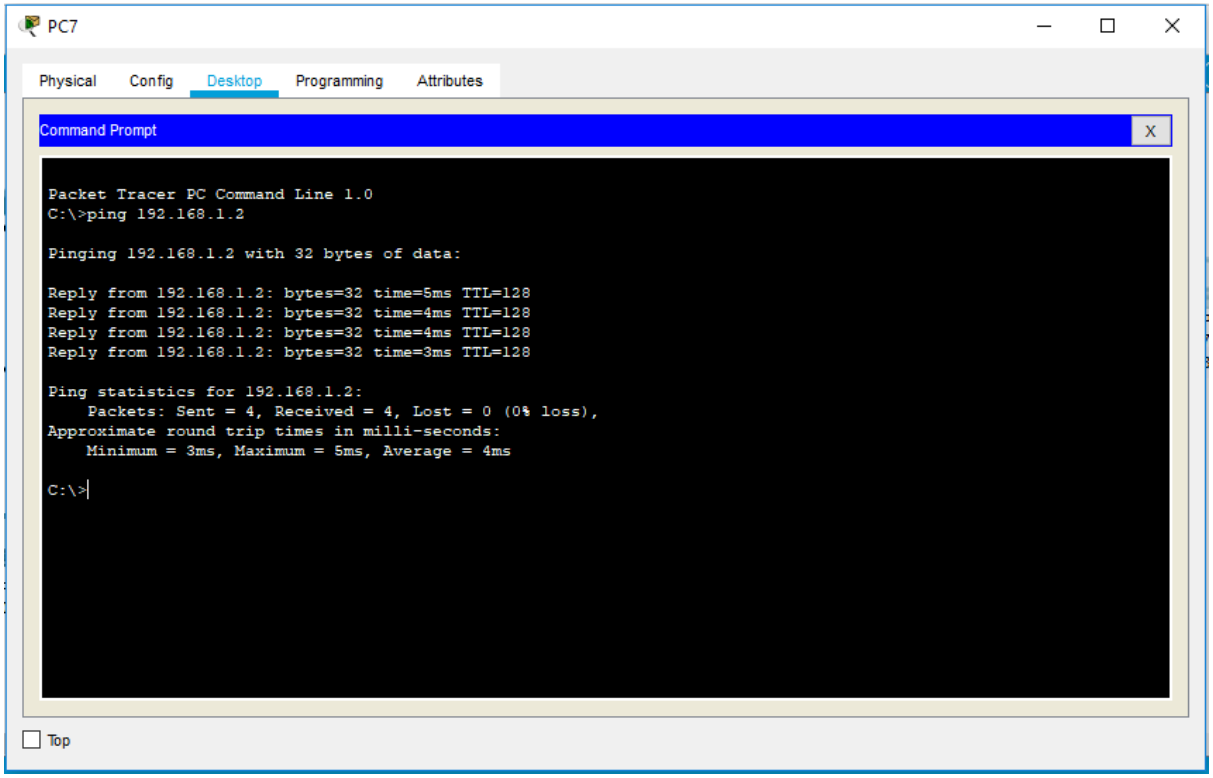


a. Pada titik router0 yang berhubungan dengan 2950-24 switch 0 berwarna merah.
b. Pada titik 2950-24 switch0 yang berhubungan dengan server-PT server0 berwarna hijau.
c. Pada titik 2950-24 switch0 yang berhubungan dengan PC-PT PC0, PC-PT PC1, PC-PT PC2, Laptop-PT Laptop0 berwarna hijau.
d. Pada titik router1 yang berhubungan dengan 2950-24 switch 1 berwarna merah.
e. Pada titik 2950-24 switch 1 yang berhubungan dengan server-PT server1 berwarna hijau.
f. Pada titik 2950-24 switch 1 yang berhubungan dengan PC-PT PC3, PC-PT PC4, PC-PT PC5, Laptop-PT Laptop1 berwarna hijau.

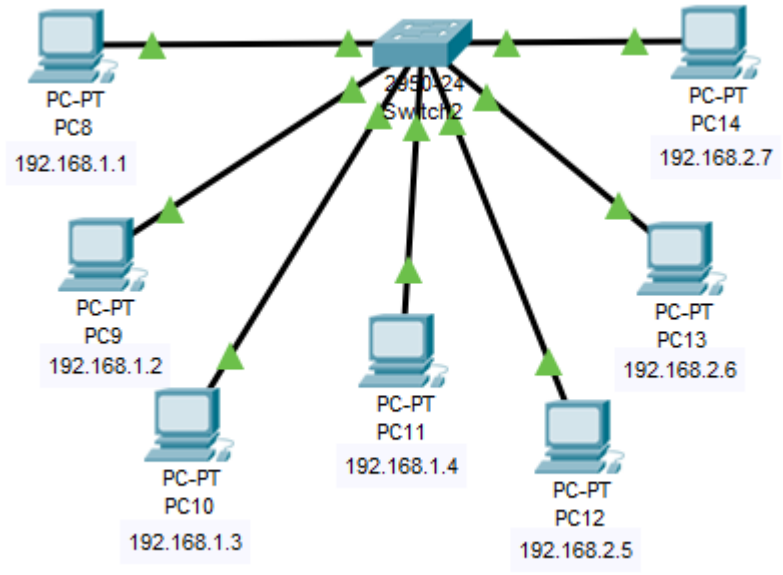
Kegiatan 2. Membuat jaringan peer to peer







Kegiatan 3. Membuat jaringan dengan switch

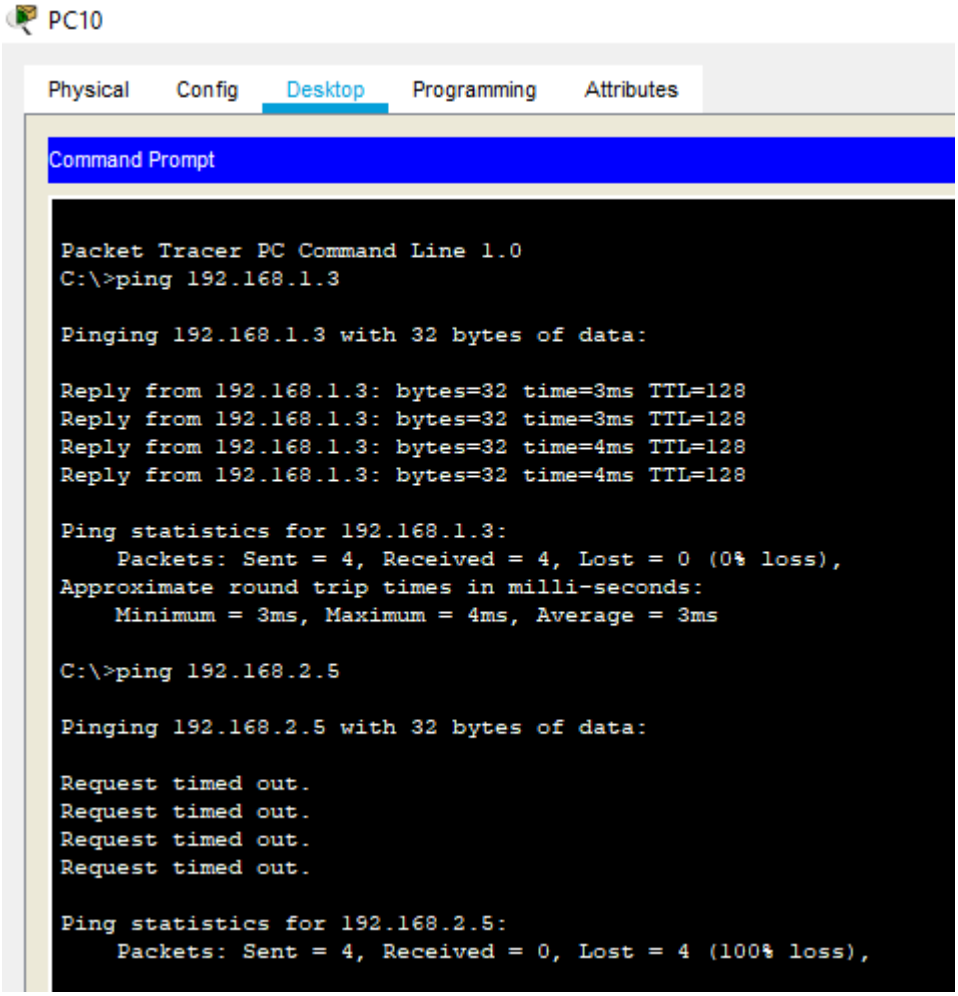


PC8

Physical Config Desktop Programming Attributes

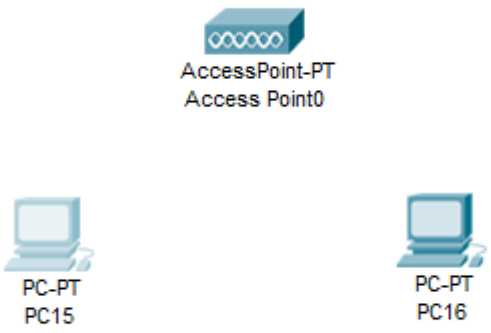
Command Prompt

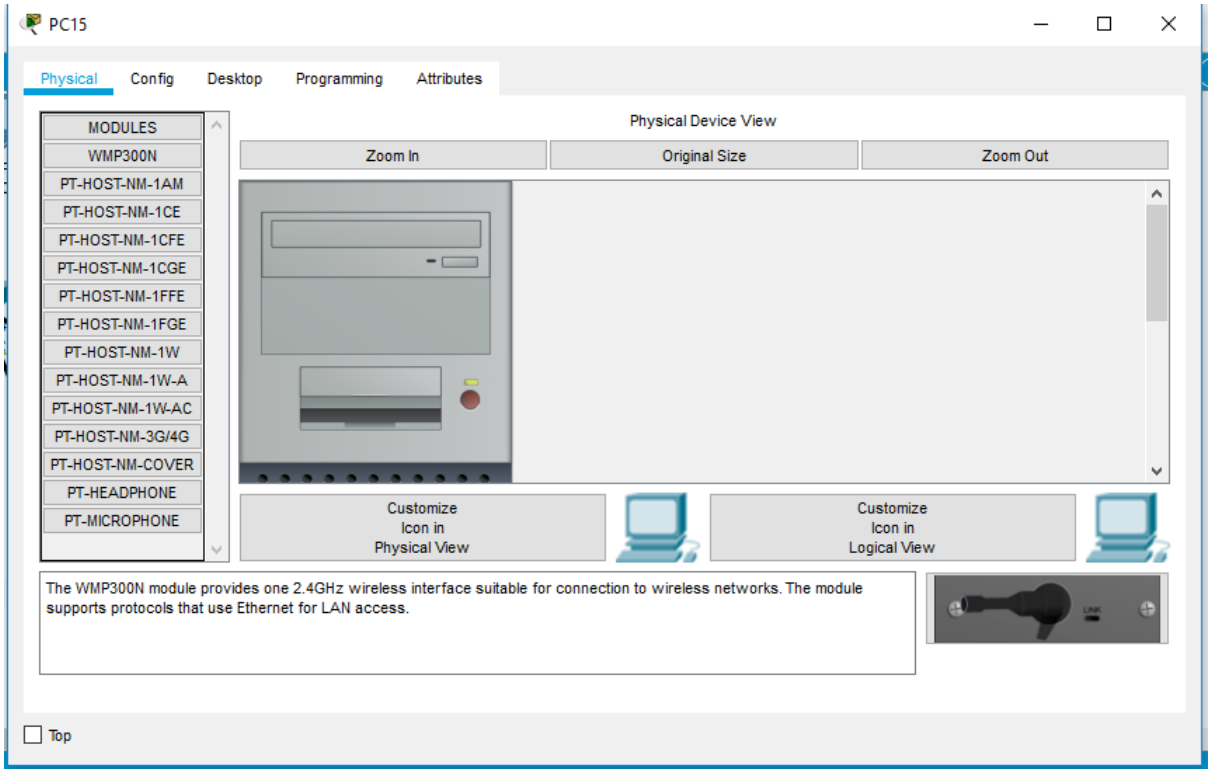
```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time=4ms TTL=128
Reply from 192.168.1.1: bytes=32 time=4ms TTL=128
Reply from 192.168.1.1: bytes=32 time=4ms TTL=128
Reply from 192.168.1.1: bytes=32 time=4ms 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 = 4ms, Maximum = 4ms, 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=2ms 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 = 2ms, Average = 0ms

C:\>
```



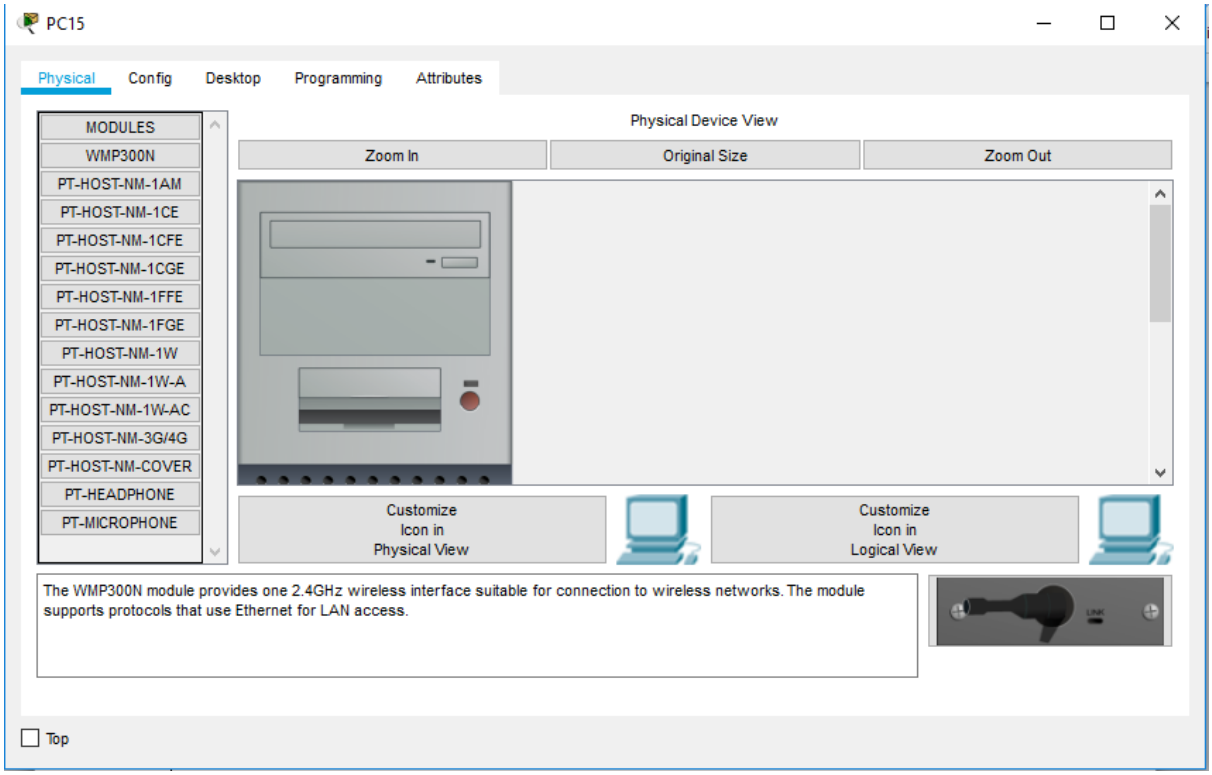
Pada percobaan pertama yaitu PC1 ke PC2 mengalami replay yang berarti tidak terjadi masalah, tetapi pada percobaan kedua yaitu PC3 ke PC5 mengalami request time out yang berarti terjadi masalah dikarenakan ada bit yang tidak sama.

Kegiatan 4.

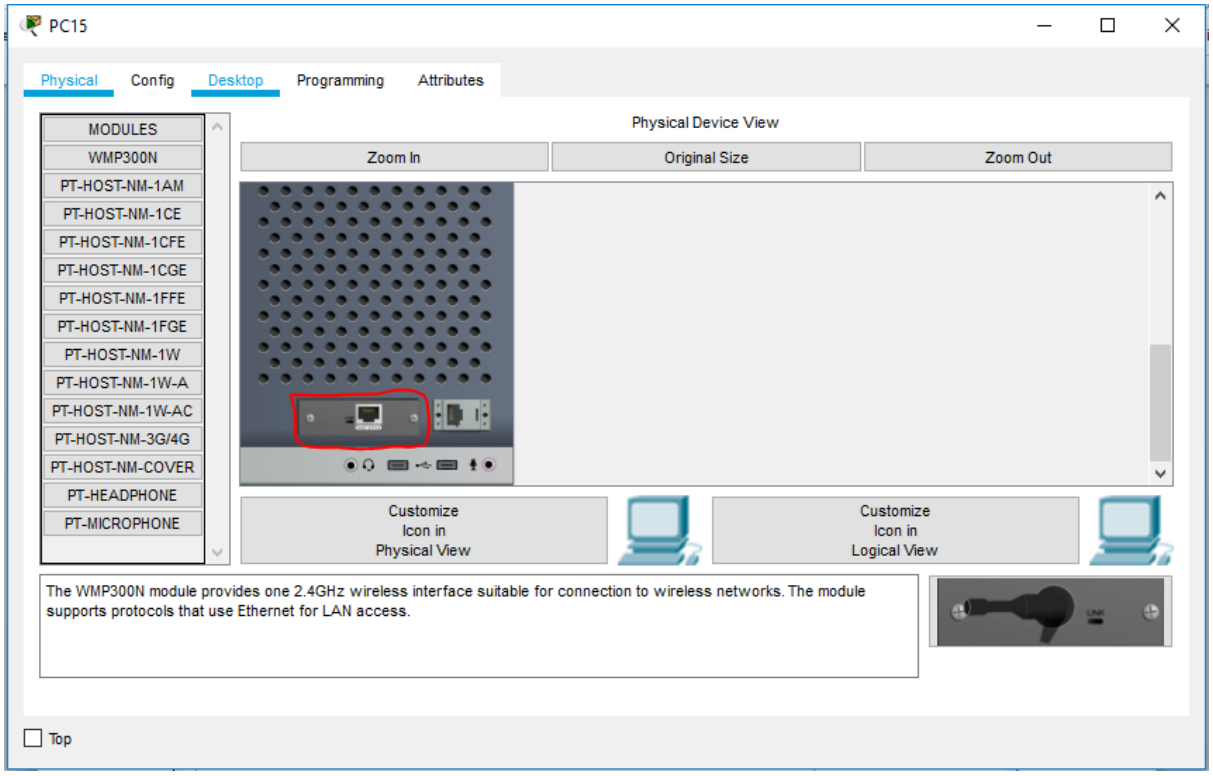




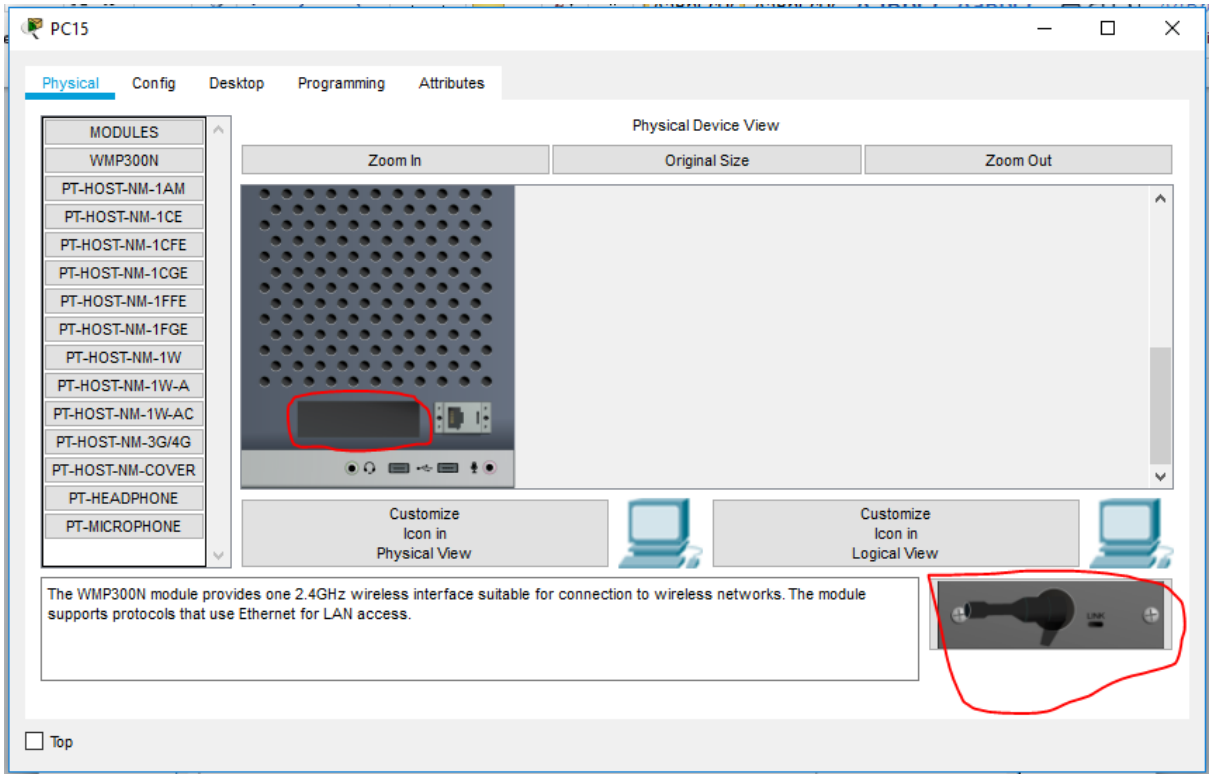
Pertama klik pada PC15 lalu akan muncul tampilan diatas



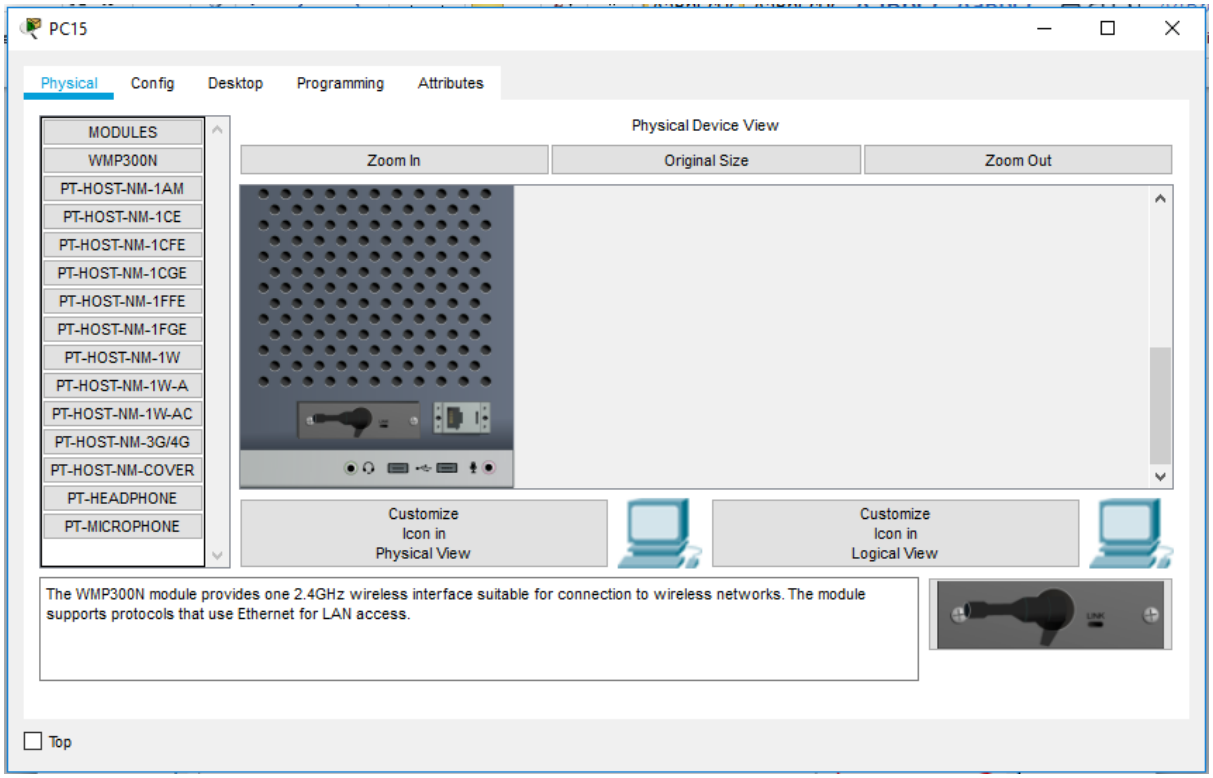
Selanjutnya matikan computer dengan menekan tombol warna merah sehingga warna kuning menjadi tidak ada



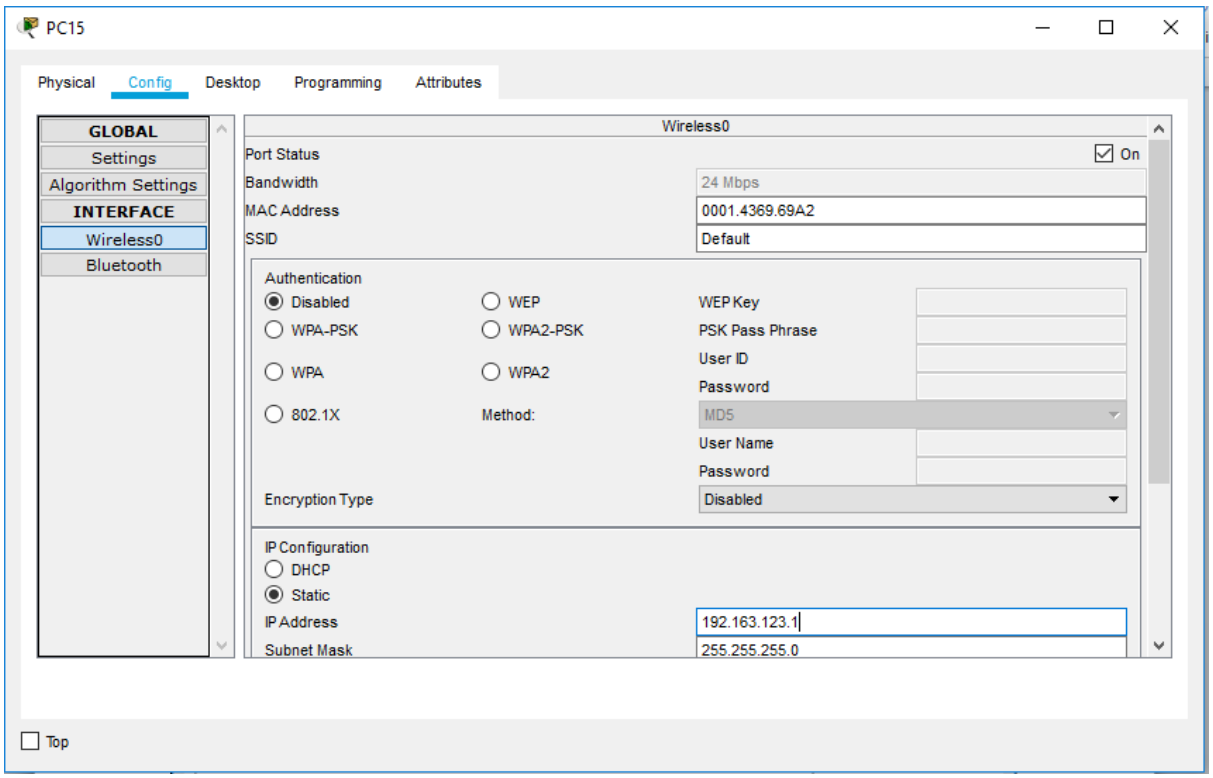
Selanjutnya masukan ganti module lan card pada perangkat pc yang sudah dilingkari merah, dengan menggeser ke tempat yang kosong.



Setelah itu masukan perangkat Linksys WMP 300n kedalam lan card tersebut.

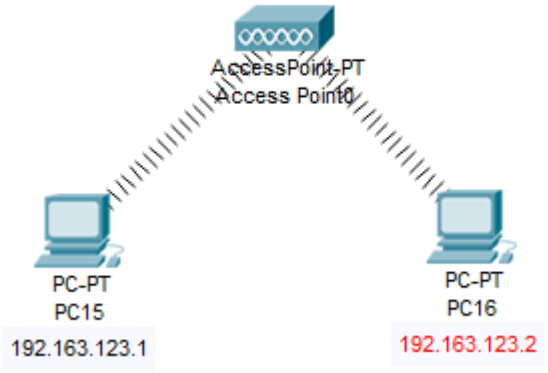


Lalu hidupkan kembali pc tersebut.



Lalu pindah ke laman config dan masuk ke wireless0, lalu menggantikan **IP Configuration** dengan static dan beri IP Addressnya.

Jangan lupa ulangi langkah tersebut untuk pc yang kedua.



Terakhir akan terjadi seperti gamabar diatas, dan ping anatara keduan pc bisa dilihat dibawah ini

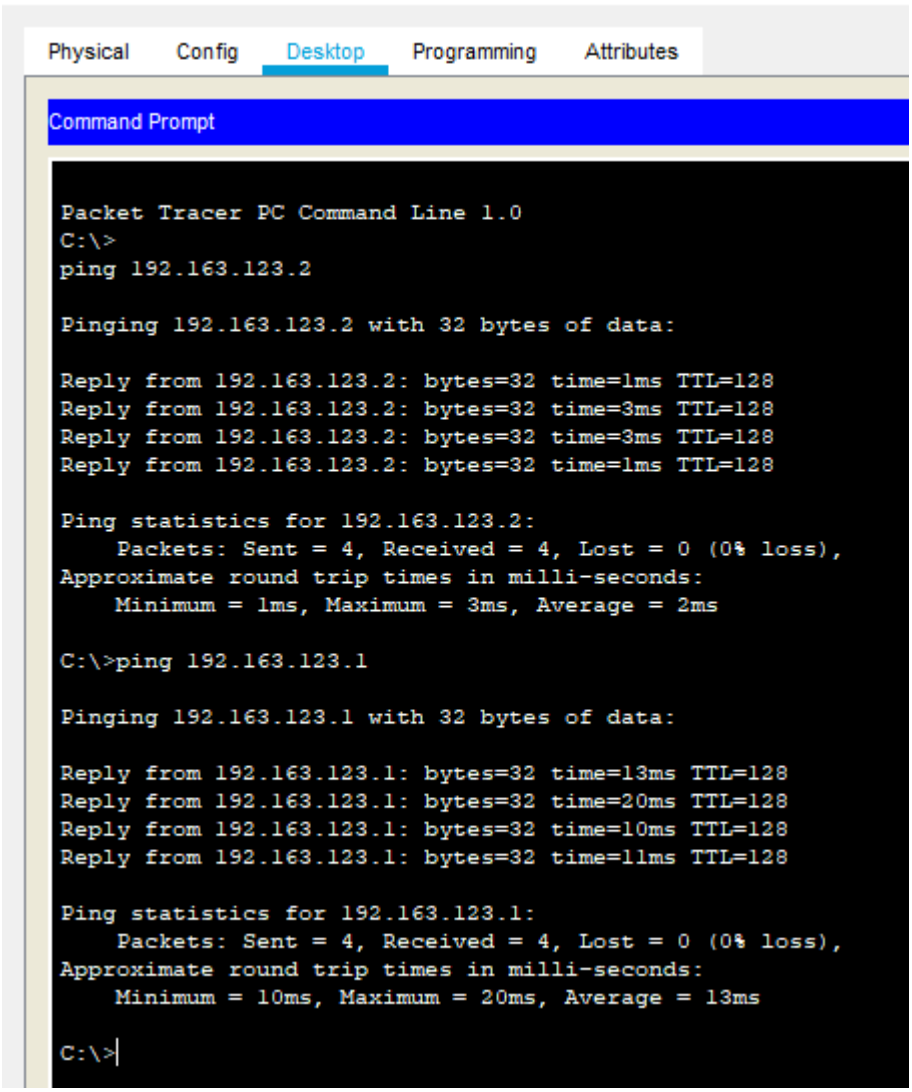
PC15

Physical Config Desktop Programming Attributes

Command Prompt

```
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=4ms TTL=128
Reply from 192.163.123.1: bytes=32 time=2ms TTL=128
Reply from 192.163.123.1: bytes=32 time=3ms TTL=128
Reply from 192.163.123.1: bytes=32 time<1ms 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 = 0ms, Maximum = 4ms, Average = 2ms

C:\>ping 192.163.123.2

Pinging 192.163.123.2 with 32 bytes of data:

Reply from 192.163.123.2: bytes=32 time=24ms TTL=128
Reply from 192.163.123.2: bytes=32 time=15ms TTL=128
Reply from 192.163.123.2: bytes=32 time=16ms TTL=128
Reply from 192.163.123.2: bytes=32 time=18ms TTL=128

Ping statistics for 192.163.123.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 15ms, Maximum = 24ms, Average = 18ms

C:\>
```

PC16


Physical
Config
Desktop
Programming
Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>
ping 192.163.123.2
Pinging 192.163.123.2 with 32 bytes of data:
Reply from 192.163.123.2: bytes=32 time=1ms TTL=128
Reply from 192.163.123.2: bytes=32 time=3ms TTL=128
Reply from 192.163.123.2: bytes=32 time=3ms TTL=128
Reply from 192.163.123.2: bytes=32 time=1ms TTL=128
Ping statistics for 192.163.123.2:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 1ms, Maximum = 3ms, Average = 2ms
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=13ms TTL=128
Reply from 192.163.123.1: bytes=32 time=20ms TTL=128
Reply from 192.163.123.1: bytes=32 time=10ms TTL=128
Reply from 192.163.123.1: bytes=32 time=11ms 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 = 10ms, Maximum = 20ms, Average = 13ms
C:\>