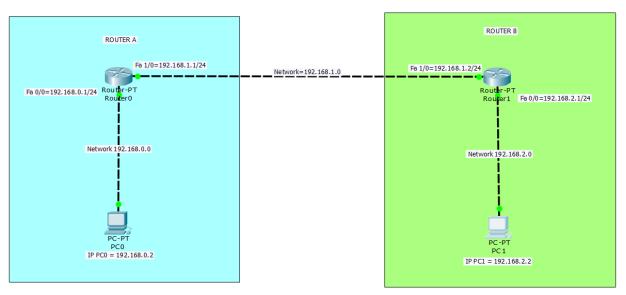
PERTEMUAN KE-9

ROUTING STATIK

1. Buat seperti gambar 1.1, dengan menggunakan packet tracer dengan ketentuan sebagai berikut :

| ROUTER A | Network | | ROUTER B |
|-------------------------|-------------|-------------|-------------------------|
| Fa 0/0 = 192.168.0.1/24 | 192.168.0.0 | 192.168.2.0 | Fa 0/0 = 192.168.2.1/24 |
| Fa 1/0 = 192.168.1.1/24 | 192.168.1.0 | | Fa 1/0 = 192.168.1.2/24 |
| IP PC0 = 192.168.0.2/24 | 192.168.0.0 | 192.168.2.0 | IP PC1 = 192.168.2.2/24 |

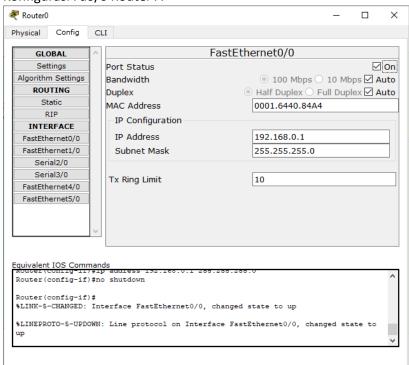


gambar 1.1

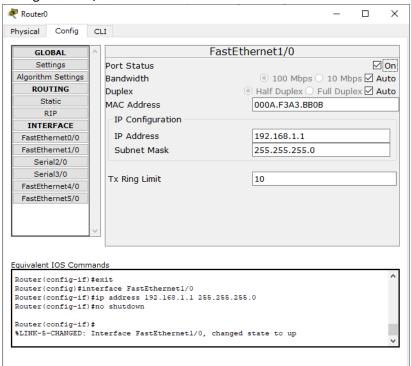
2. ROUTER A

Hasilnya sebagai berikut:

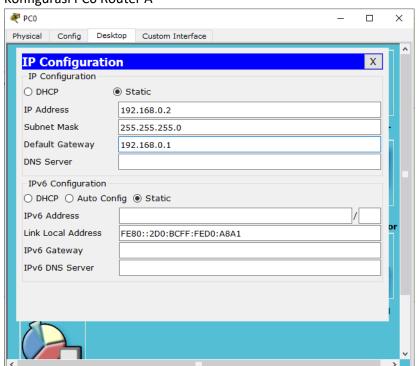
Konfigurasi Fa0/0 Router A



Konfigurasi Fa1/0 Router A

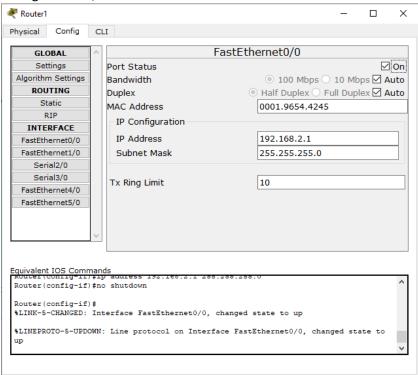


Konfigurasi PCO Router A

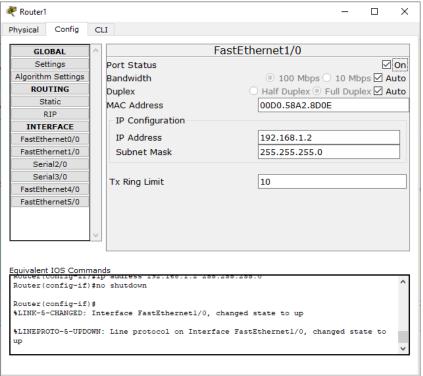


3. ROUTER B

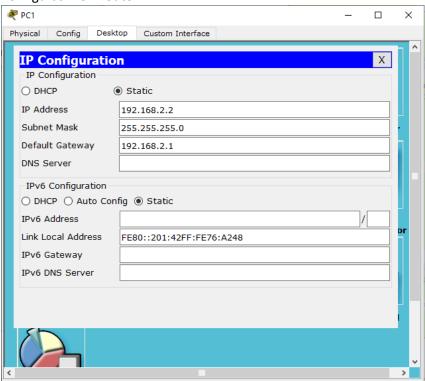
Konfigurasi Fa0/0 Router B



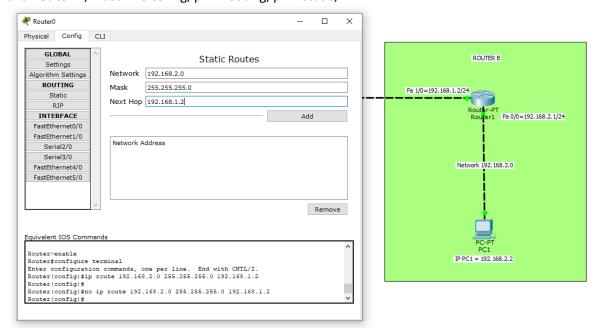
Konfigurasi Fa1/0 Router B



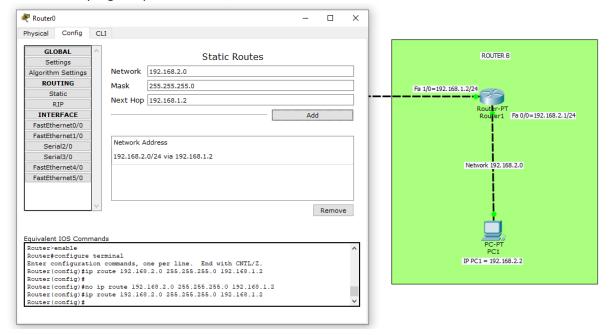
Konfigurasi PC1 Router B



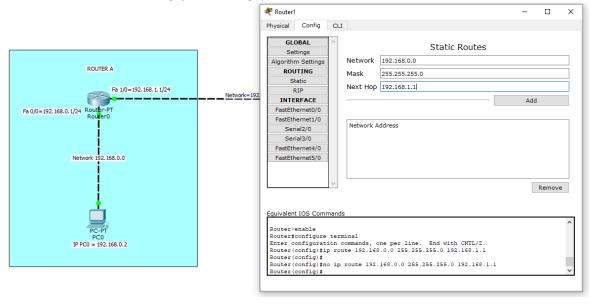
- 4. Setelah semuanya terkonfigurasi dengan benar, pastikan tidak ada titik yang berwarna merah, pastikan semua titik berwarna hijau.
- 5. Buka Router A, masuk ke config, pilih routing, pilih static,



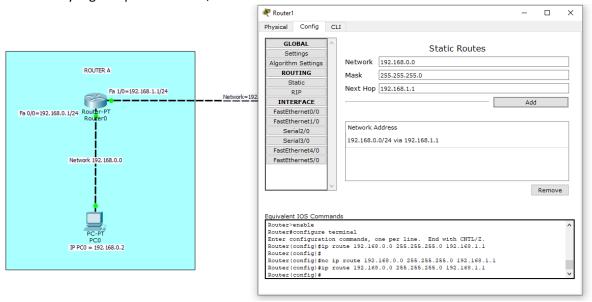
Isi kan sesuai yang ada pada Router B, kemudian klik Add



6. Buka Router B, masuk ke config, pilih routing, pilih static

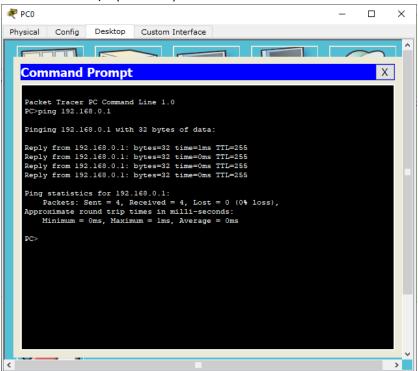


Isikan sesuai yang ada pada router A, kemudian klik Add



- 7. Setelah terisi semuanya coba cek dengan perintah ping, dari PCO atau dari PC1
- 8. Ping ditiap titik,
 misalkan dari PC0

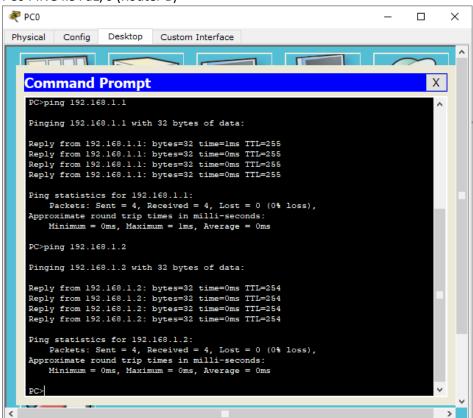
PCO PING ke Fa0/0 (Router A)



PCO PING ke Fa1/0 (Router A)

```
₹ PC0
                                                                                                                                       П
                                                                                                                                                  ×
Physical Config Desktop Custom Interface
                                                                                          Χ
     Command Prompt
       PC>ping 192.168.0.1
     Pinging 192.168.0.1 with 32 bytes of data:
     Reply from 192.168.0.1: bytes=32 time=1ms TTL=255
     Reply from 192.168.0.1: bytes=32 time=0ms TTL=255
Reply from 192.168.0.1: bytes=32 time=0ms TTL=255
Reply from 192.168.0.1: bytes=32 time=0ms TTL=255
     Ping statistics for 192.168.0.1:
     Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 1ms, Average = 0ms
     PC>ping 192.168.1.1
     Pinging 192.168.1.1 with 32 bytes of data:
     Reply from 192.168.1.1: bytes=32 time=lms TTL=255
Reply from 192.168.1.1: bytes=32 time=0ms TTL=255
Reply from 192.168.1.1: bytes=32 time=0ms TTL=255
Reply from 192.168.1.1: bytes=32 time=0ms TTL=255
     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 = 1ms, Average = 0ms
                                                                                                                                                 >
```

PCO PING ke Fa1/0 (Router B)

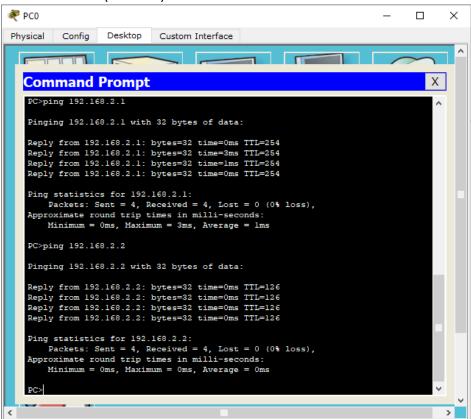


PCO PING ke Fa0/0 (Router B)

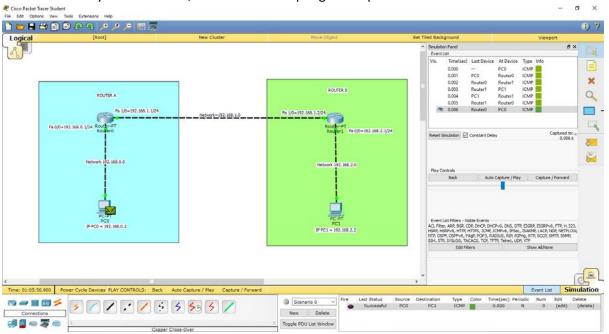
```
₹ PC0
                                                                                                                Physical Config Desktop Custom Interface
           Command Prompt
                                                                                                                    Χ
      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=0ms TTL=254
Reply from 192.168.1.2: bytes=32 time=0ms TTL=254
Reply from 192.168.1.2: bytes=32 time=0ms TTL=254
    Reply from 192.168.1.2: bytes=32 time=0ms TTL=254
    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 = 0ms, Average = 0ms
    PC>ping 192.168.2.1
    Pinging 192.168.2.1 with 32 bytes of data:
    Reply from 192.168.2.1: bytes=32 time=0ms TTL=254
    Reply from 192.168.2.1: bytes=32 time=3ms TTL=254
Reply from 192.168.2.1: bytes=32 time=1ms TTL=254
    Reply from 192.168.2.1: bytes=32 time=0ms TTL=254
    Ping statistics for 192.168.2.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 3ms, Average = 1ms
```

PCO PING ke PC1 (Router B)



9. Setelah semuanya bias terPING, lakukan simulasi pengiriman packet



10. Kalau sudah melakukan PING sudah reply dan simulasi pengiriman paket hasilnya successful berarti ROUTING STATIC sudah bekerja