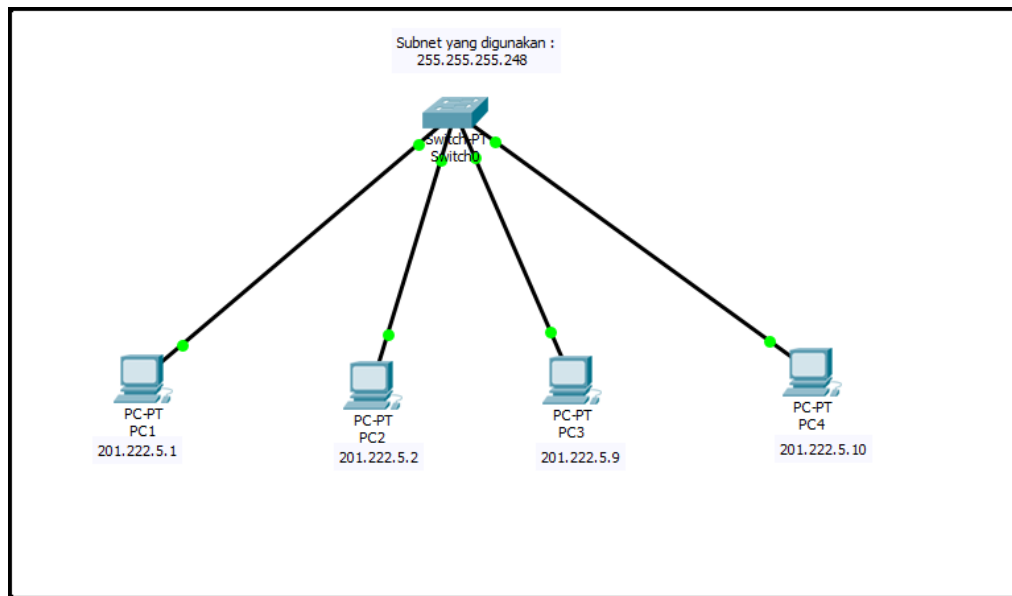


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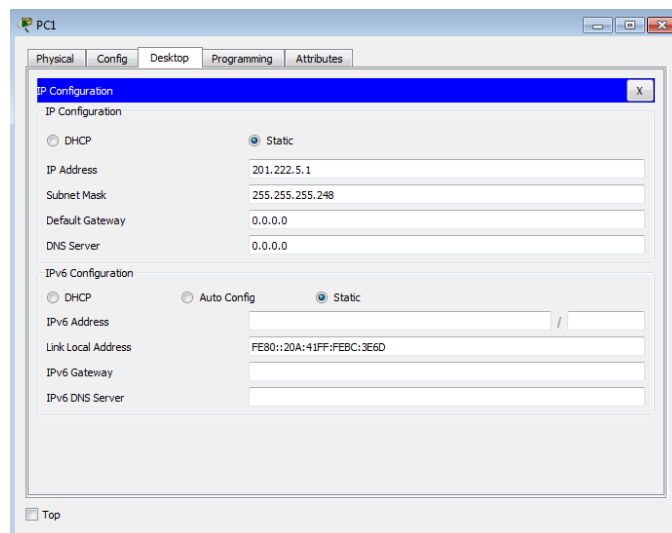
### KEGIATAN PRAKTIKUM MODUL III SUBNETTING

#### Kegiatan 1. Desain dan Konfigurasi Subnetting

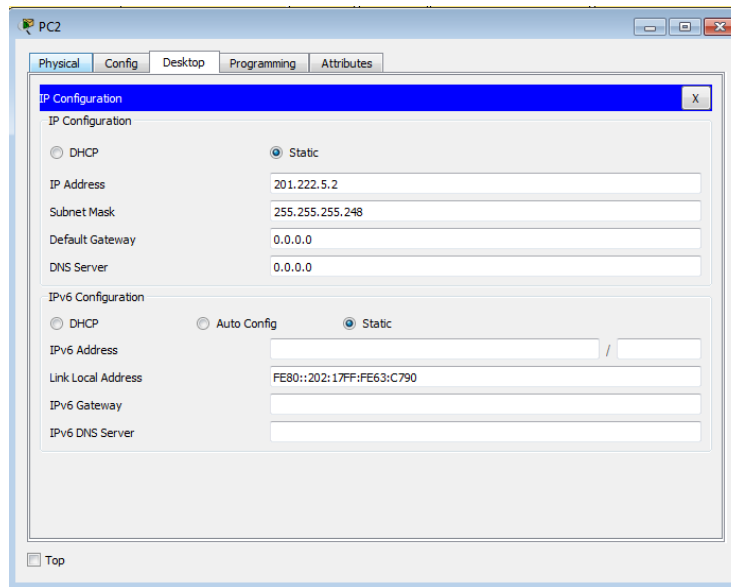


#### A. Pengaturan Alamat IP

Pengaturan alamat IP pada PC 1 :



Pengaturan alamat IP pada PC 2 :



The screenshot shows the 'IP Configuration' window for PC2. The window has tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Config' tab is active. Under 'IP Configuration', the 'Static' radio button is selected. The fields are filled with: IP Address: 201.222.5.2, Subnet Mask: 255.255.255.248, Default Gateway: 0.0.0.0, and DNS Server: 0.0.0.0. Under 'IPv6 Configuration', the 'Static' radio button is selected. The fields are: IPv6 Address (empty), Link Local Address: FE80::202:17FF:FE63:C790, IPv6 Gateway (empty), and IPv6 DNS Server (empty). A 'Top' button is at the bottom left.

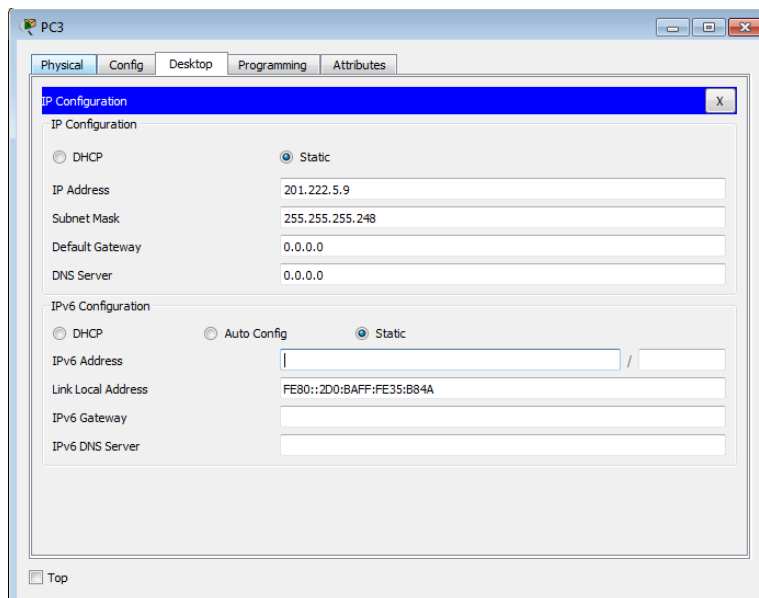
IP Configuration	
<input type="radio"/> DHCP <input checked="" type="radio"/> Static	
IP Address	201.222.5.2
Subnet Mask	255.255.255.248
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

IPv6 Configuration	
<input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static	
IPv6 Address	/
Link Local Address	FE80::202:17FF:FE63:C790
IPv6 Gateway	
IPv6 DNS Server	

☐ Top

Pengaturan alamat IP pada PC 3 :



The screenshot shows the 'IP Configuration' window for PC3. The window has tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Config' tab is active. Under 'IP Configuration', the 'Static' radio button is selected. The fields are filled with: IP Address: 201.222.5.9, Subnet Mask: 255.255.255.248, Default Gateway: 0.0.0.0, and DNS Server: 0.0.0.0. Under 'IPv6 Configuration', the 'Static' radio button is selected. The fields are: IPv6 Address (empty), Link Local Address: FE80::2D0:BAFF:FE35:B84A, IPv6 Gateway (empty), and IPv6 DNS Server (empty). A 'Top' button is at the bottom left.

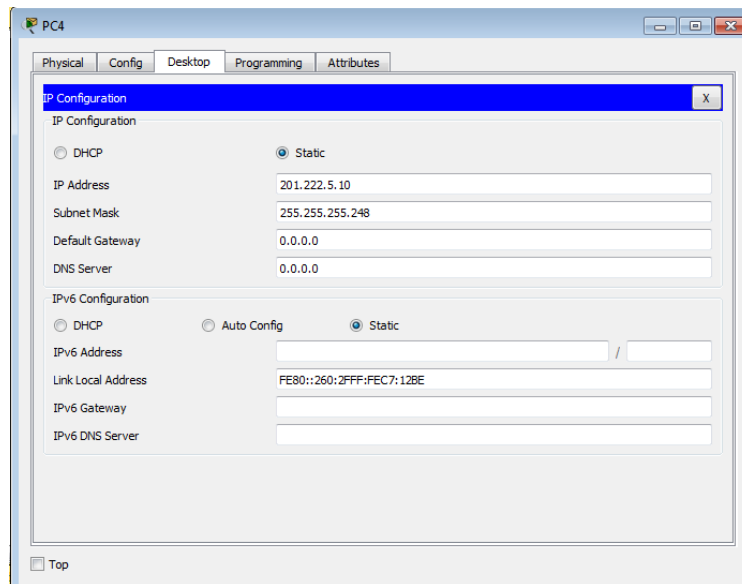
IP Configuration	
<input type="radio"/> DHCP <input checked="" type="radio"/> Static	
IP Address	201.222.5.9
Subnet Mask	255.255.255.248
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

IPv6 Configuration	
<input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static	
IPv6 Address	/
Link Local Address	FE80::2D0:BAFF:FE35:B84A
IPv6 Gateway	
IPv6 DNS Server	

☐ Top

Pengaturan alamat IP pada PC 4 :



## B. Uji Koneksi Jaringan

### 1. Ping antar PC1 dengan PC 2

```
Packet Tracer PC Command Line 1.0
C:\>ping 201.222.5.2

Pinging 201.222.5.2 with 32 bytes of data:

Reply from 201.222.5.2: bytes=32 time=7ms TTL=128
Reply from 201.222.5.2: bytes=32 time=1ms TTL=128
Reply from 201.222.5.2: bytes=32 time<1ms TTL=128
Reply from 201.222.5.2: bytes=32 time=1ms TTL=128

Ping statistics for 201.222.5.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 7ms, Average = 2ms
```

## 2. Ping antar PC1 dengan PC3

```
C:\>ping 201.222.5.9

Pinging 201.222.5.9 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 201.222.5.9:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

## 3. Ping antar PC1 dengan PC4

```
C:\>ping 201.222.5.10

Pinging 201.222.5.10 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 201.222.5.10:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

### C. Hasil Kegiatan :

- uji koneksi antara pc 1 dan pc 2 adalah sukses (status reply pada koneksi (TimeToLive), dikarenakan keduanya berada pada network yang sama.
- uji koneksi antara pc 1 dengan pc 3 dan pc 4 adalah Requested Time Out pada koneksi, dikarenakan keduanya berada pada network yang berbeda.