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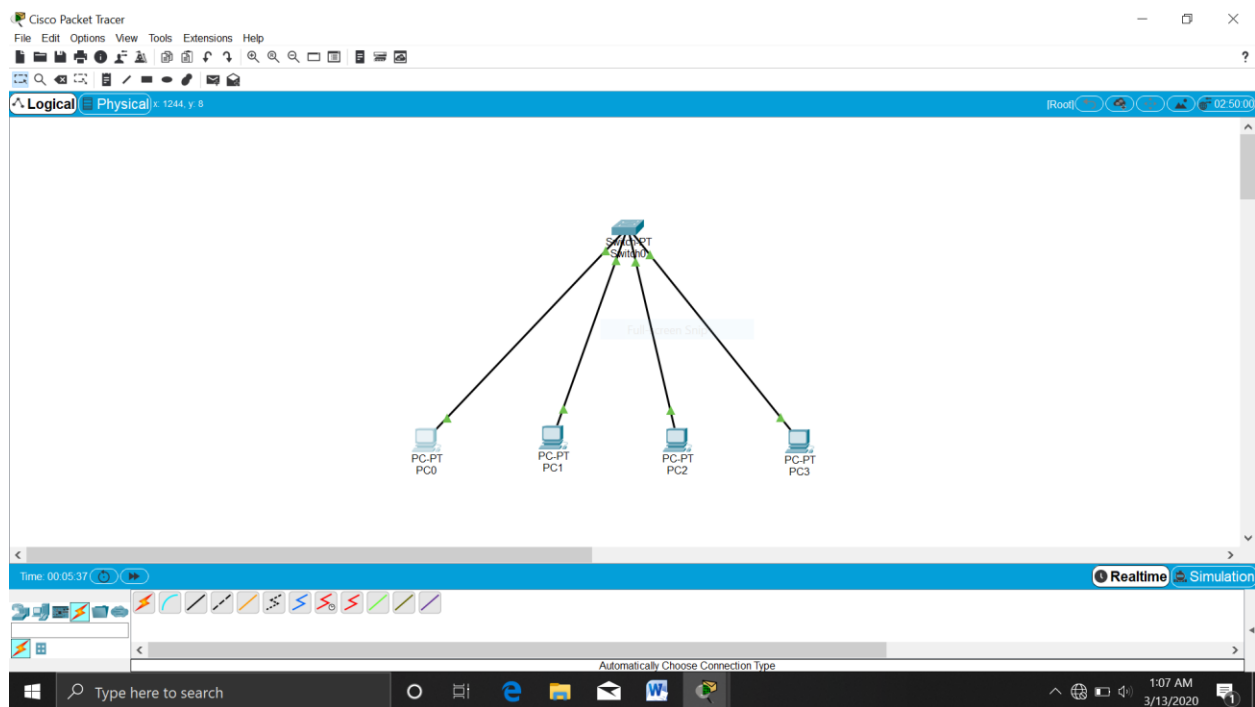
NIM : L200180045

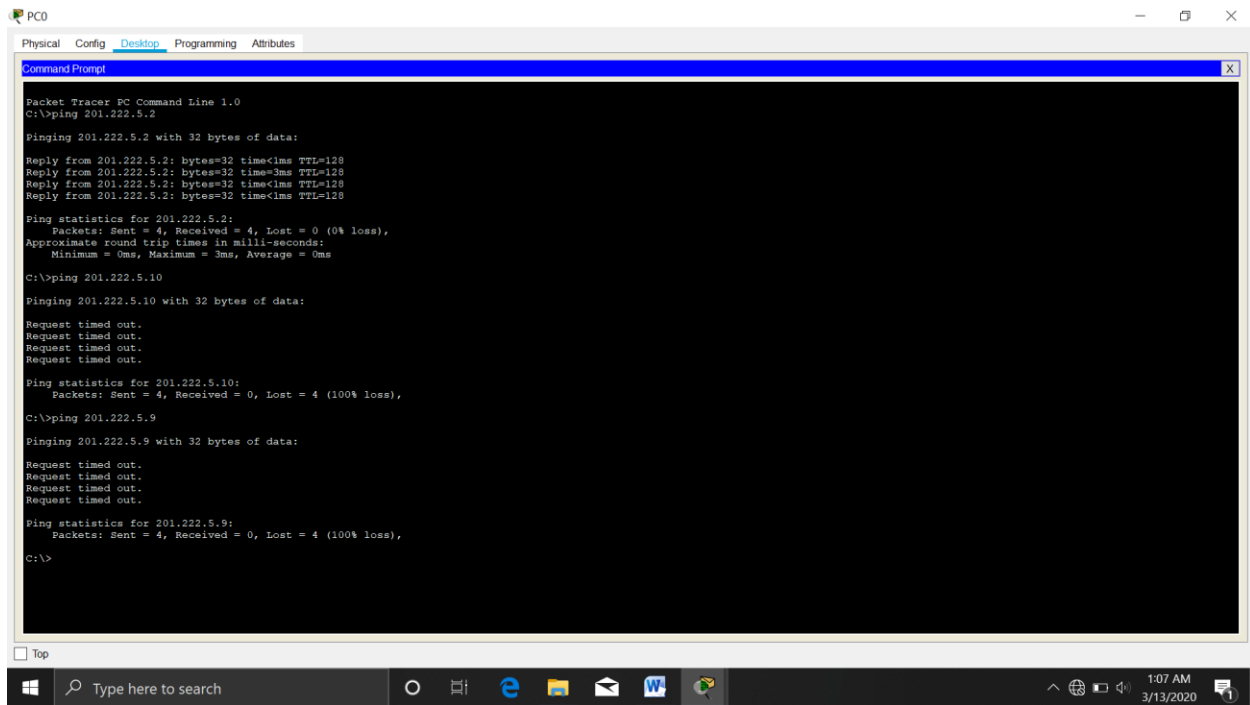
Kelas : B

Modulke-3

SUBNETTING

Kegiatan Praktikum





The screenshot shows a Packet Tracer PC Command Line window for PC0. The window has tabs for Physical, Config, Desktop, Programming, and Attributes, with Desktop selected. The Command Prompt shows the following output:

```
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<1ms TTL=128
Reply from 201.222.5.2: bytes=32 time<3ms 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 = 3ms, Average = 0ms
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:\>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.

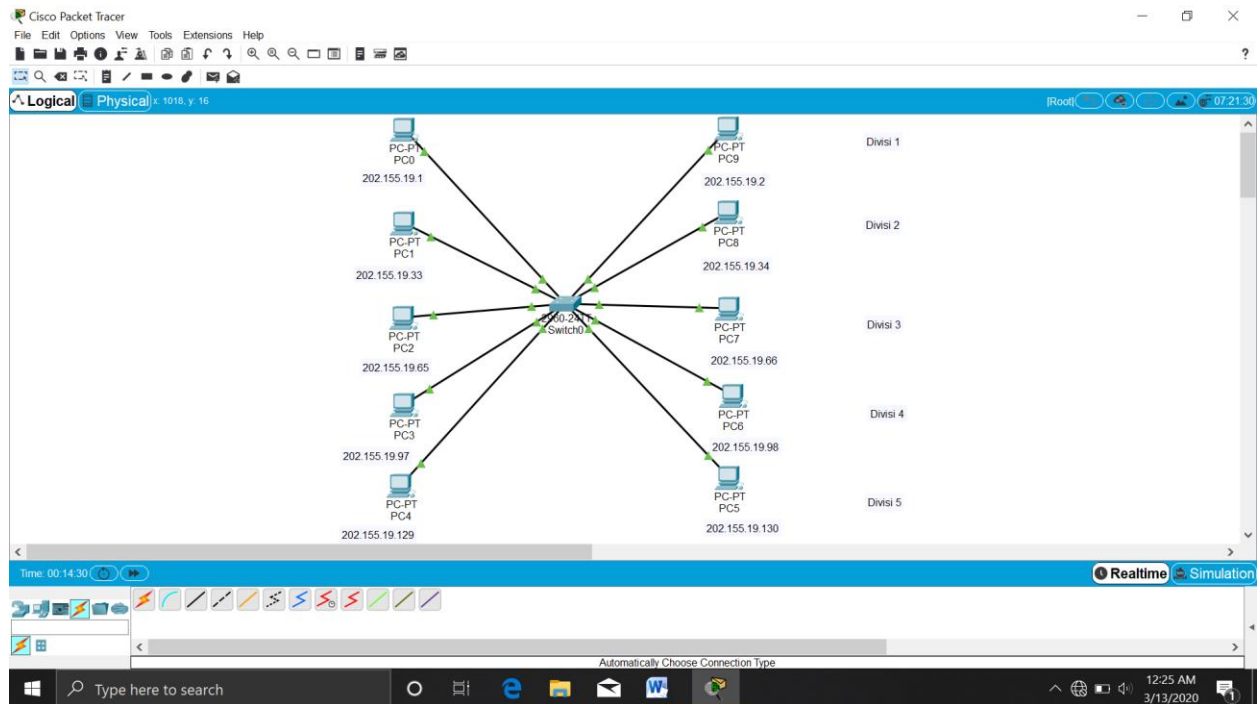
Ping statistics for 201.222.5.9:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>
```

The Windows taskbar at the bottom shows the Start button, a search bar with the text "Type here to search", and several application icons. The system tray on the right shows the time as 1:07 AM on 3/13/2020.

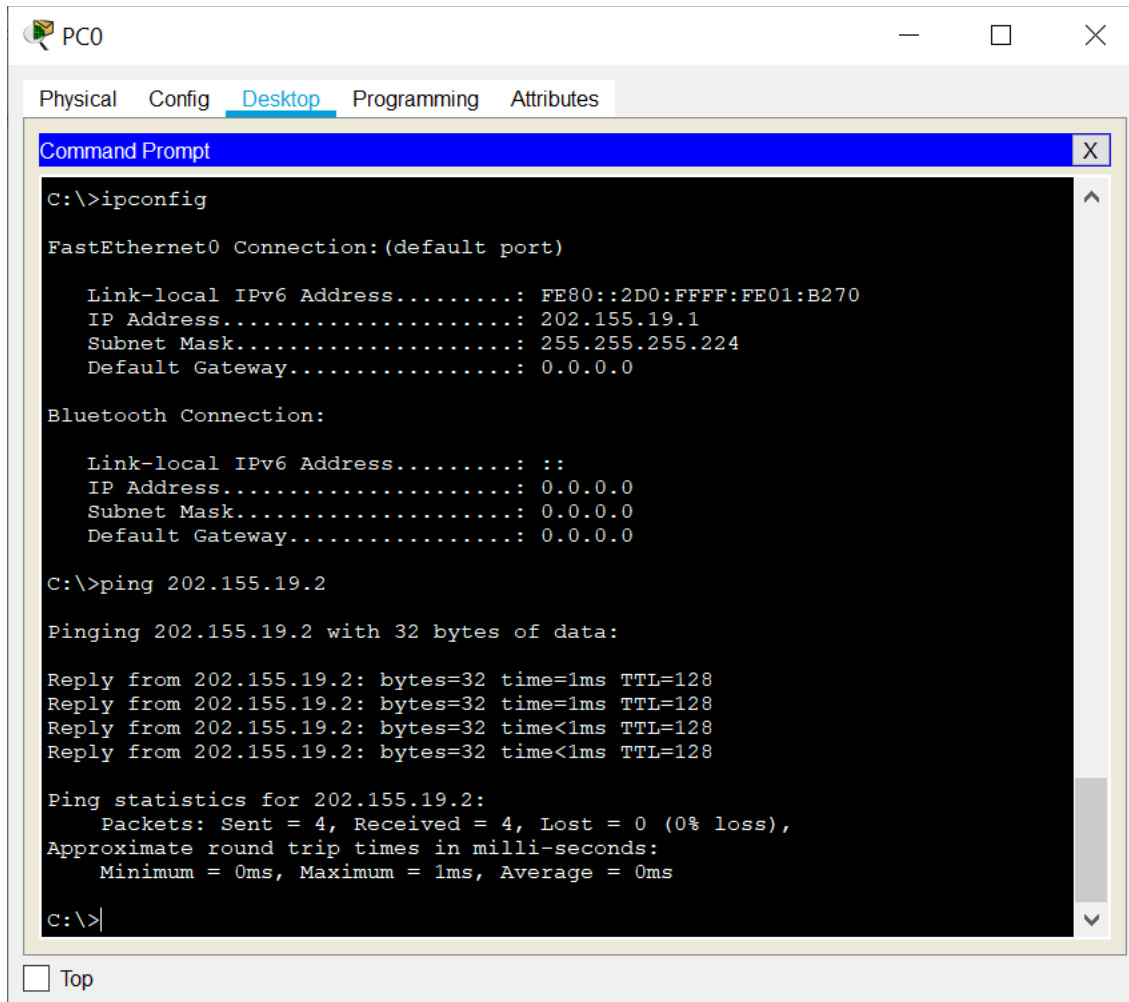
PC0 ketika di hubungkan dengan PC1 terhubung karena network addressnya sama, sedangkan PC0 dihubungkan ke PC3 atau ke PC4 tidak terhubung karena network addressnya berbeda.

Tugas

a. Desain Jaringan



b. Melakukan ping dari PC Divisi 1 ke PC Divisi 1



The screenshot shows a window titled "PC0" with tabs for "Physical", "Config", "Desktop" (selected), "Programming", and "Attributes". Inside the "Desktop" tab is a "Command Prompt" window. The command prompt shows the output of the "ipconfig" command, displaying IPv4 and IPv6 addresses for "FastEthernet0" and "Bluetooth" connections. It then shows the output of a "ping 202.155.19.2" command, which is successful with 0% loss. The window has a "Top" button at the bottom left.

```
C:\>ipconfig

FastEthernet0 Connection: (default port)

    Link-local IPv6 Address . . . . . : FE80::2D0:FFFF:FE01:B270
    IP Address. . . . . : 202.155.19.1
    Subnet Mask . . . . . : 255.255.255.224
    Default Gateway . . . . . : 0.0.0.0

Bluetooth Connection:

    Link-local IPv6 Address . . . . . : ::
    IP Address. . . . . : 0.0.0.0
    Subnet Mask . . . . . : 0.0.0.0
    Default Gateway . . . . . : 0.0.0.0

C:\>ping 202.155.19.2

Pinging 202.155.19.2 with 32 bytes of data:

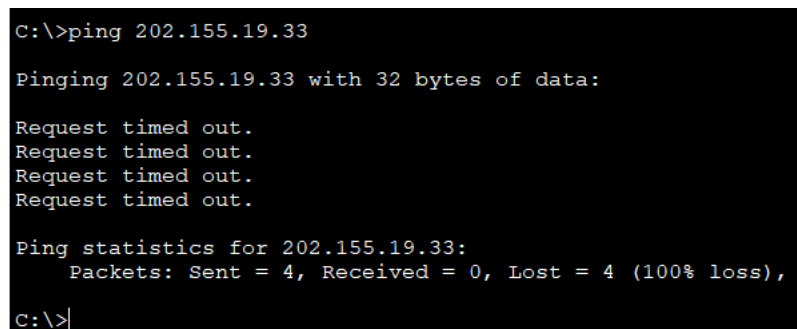
Reply from 202.155.19.2: bytes=32 time=1ms TTL=128
Reply from 202.155.19.2: bytes=32 time=1ms TTL=128
Reply from 202.155.19.2: bytes=32 time<1ms TTL=128
Reply from 202.155.19.2: bytes=32 time<1ms TTL=128

Ping statistics for 202.155.19.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

Dapat terhubung karena network addressnya sama.

c. Melakukan ping dari PC Divisi 1 ke PC Divisi 2



The screenshot shows a Command Prompt window with the output of a "ping 202.155.19.33" command. The ping fails with "Request timed out" for all four attempts, resulting in a 100% loss. The window title is not visible.

```
C:\>ping 202.155.19.33

Pinging 202.155.19.33 with 32 bytes of data:

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

Ping statistics for 202.155.19.33:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

Terjadi Request Timed Out karena network addressnya berbeda.

- d. Melakukan ping dari PC Divisi 1 ke PC Divisi 3

```
C:\>ping 202.155.19.65

Pinging 202.155.19.65 with 32 bytes of data:

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

Ping statistics for 202.155.19.65:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>|
```

Terjadi Request Timed Out karena network addressnya berbeda.

- e. Melakukan ping dari PC Divisi 1 ke PC Divisi 4

```
C:\>ping 202.155.19.97

Pinging 202.155.19.97 with 32 bytes of data:

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

Ping statistics for 202.155.19.97:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>|
```

Terjadi Request Timed Out karena network addressnya berbeda.

- f. Melakukan ping dari PC Divisi 1 ke PC Divisi 5

```
C:\>ping 202.155.19.129

Pinging 202.155.19.129 with 32 bytes of data:

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

Ping statistics for 202.155.19.129:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>|
```

Terjadi Request Timed Out karena network addressnya berbeda.