

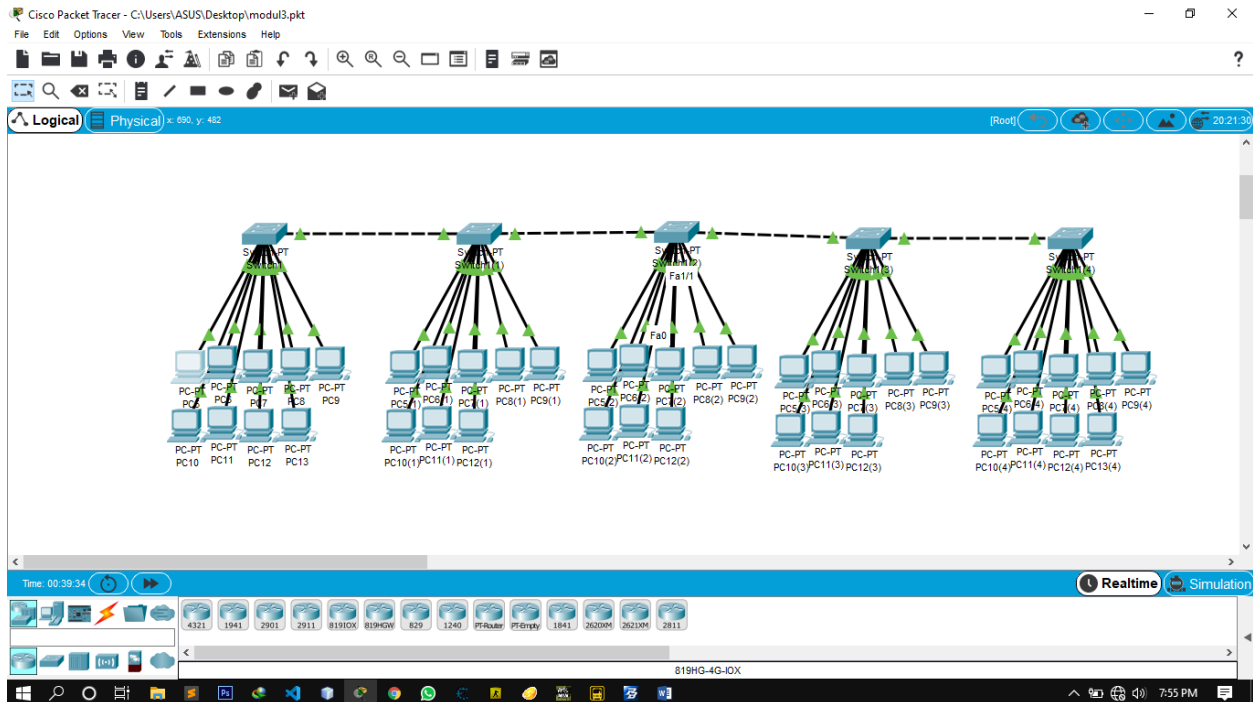
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NIM : L200180082

Kelas : C

Tugas Modul 3

1. Desain



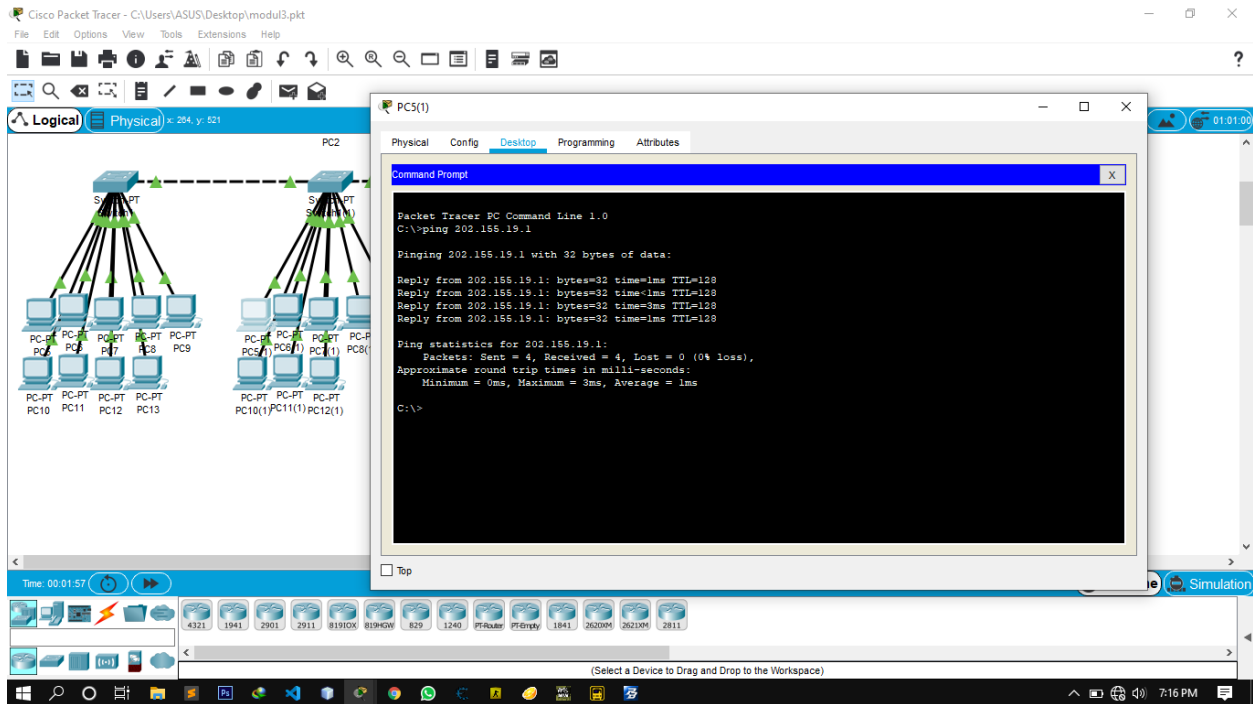
2. Subnetmask yang digunakan : 255.255.255.192

3. Subnet address yang digunakan :

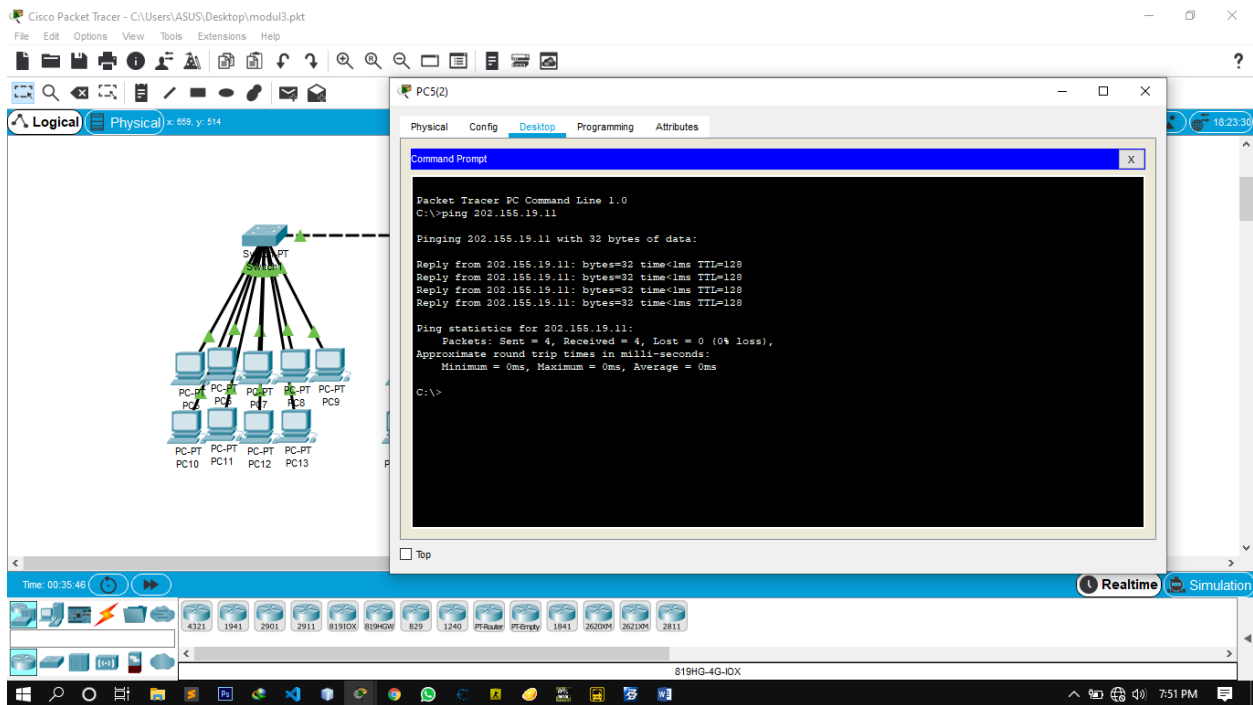
- Divisi 1 : 202.155.19.0
- Divisi 2 : 202.155.19.10
- Divisi 3 : 202.155.19.20
- Divisi 4 : 202.155.19.30
- Divisi 5 : 202.155.19.40

4. Implementasi dan pengecekan koneksi antar computer

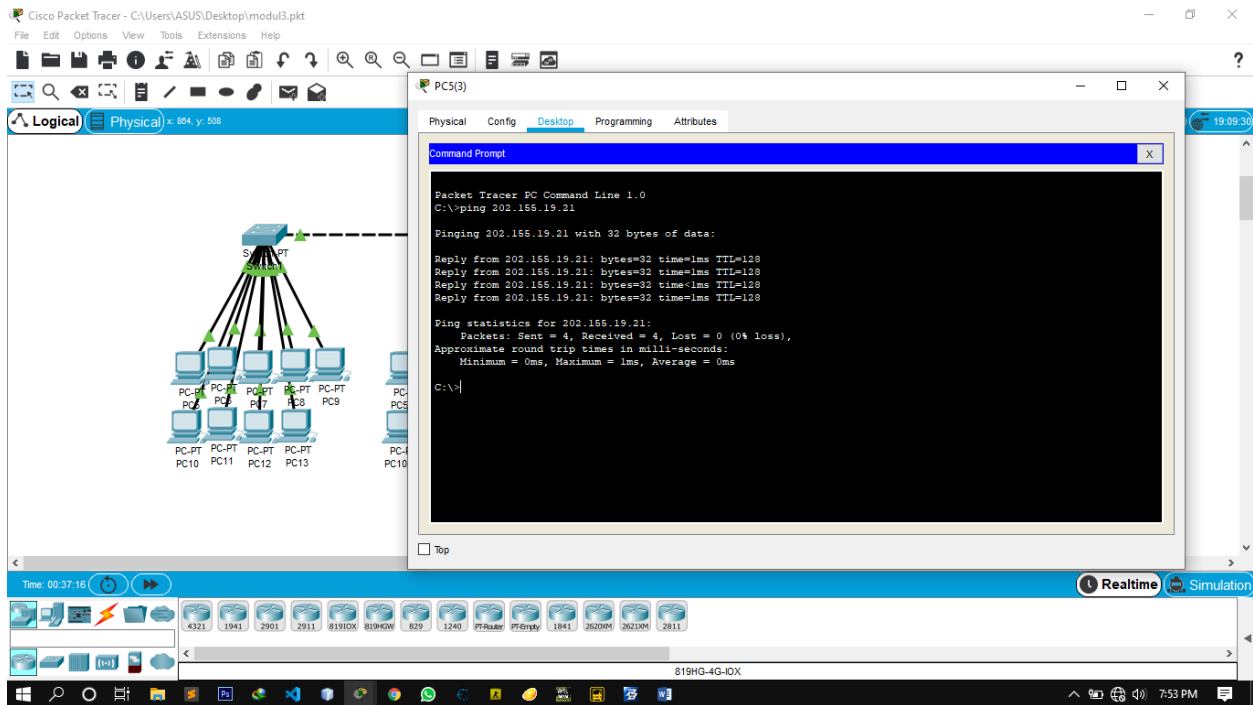
a. Pengecekan ping dari PC 5(1) ke PC 5



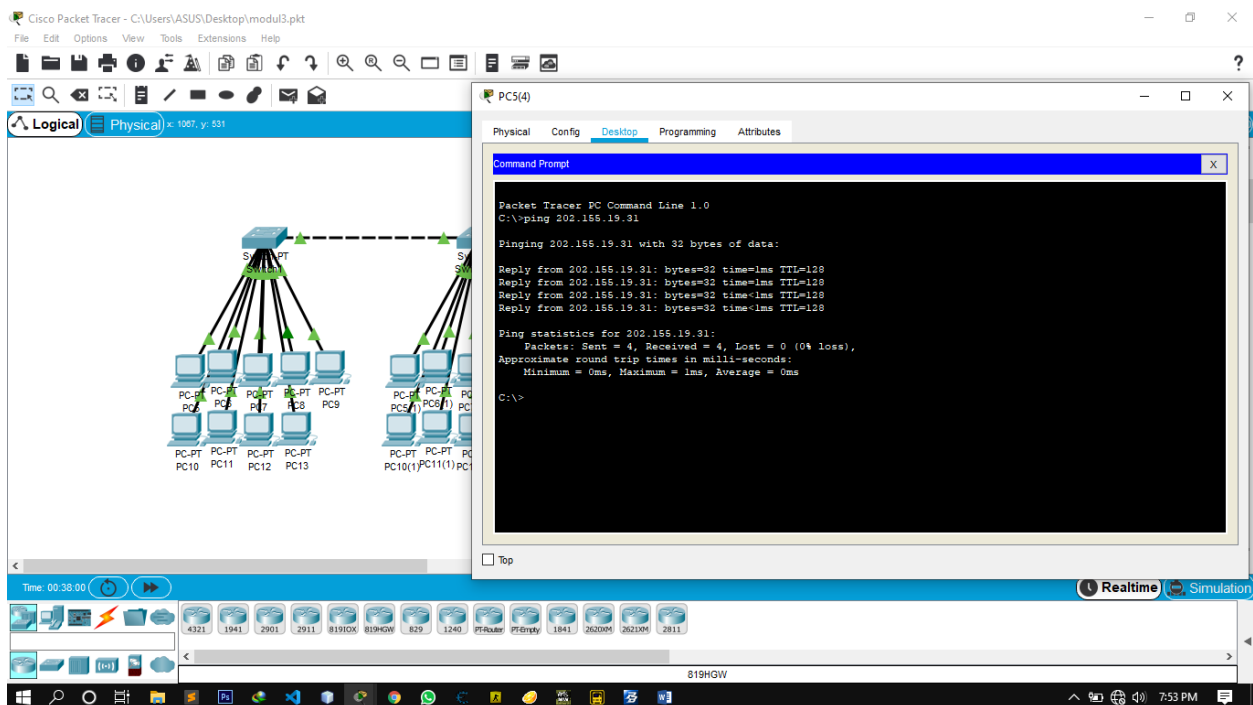
b. Pengecekan ping dari PC 5(2) ke PC 5(1)



c. Pengecekan ping dari PC 5(3) ke 5(2)



d. Pengecekan ping dari PC 5(4) ke 5(3)



e. Pengecekan ping dari PC 5 ke PC 5(4)

The screenshot displays the Cisco Packet Tracer interface. The main workspace shows a network topology with a central switch (S1) connected to multiple PCs (PC1 through PC13). The interface is set to the 'Physical' tab. A window titled 'PC5' is open, showing the 'Desktop' tab with a 'Command Prompt' window. The command prompt shows the execution of a ping command from PC5 to PC5(4), resulting in successful replies with 0% loss.

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.41

Pinging 202.155.19.41 with 32 bytes of data:

Reply from 202.155.19.41: bytes=32 time=33ms TTL=128
Reply from 202.155.19.41: bytes=32 time<1ms TTL=128
Reply from 202.155.19.41: bytes=32 time<1ms TTL=128
Reply from 202.155.19.41: bytes=32 time<1ms TTL=128

Ping statistics for 202.155.19.41:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 23ms, Average = 6ms

C:\>
```