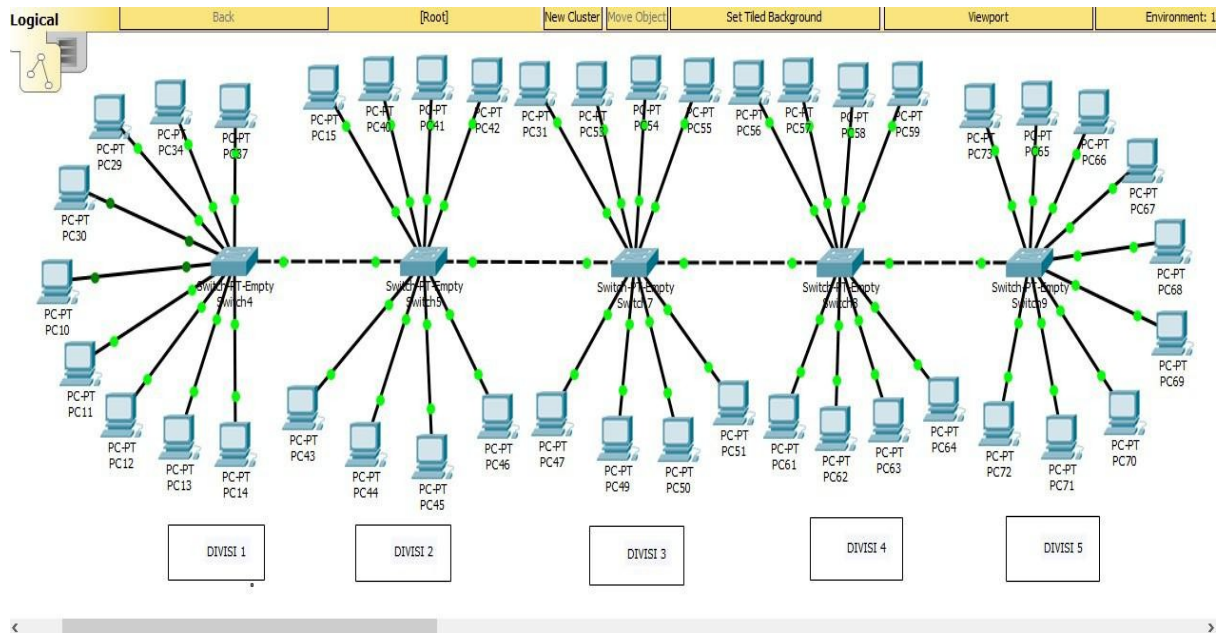
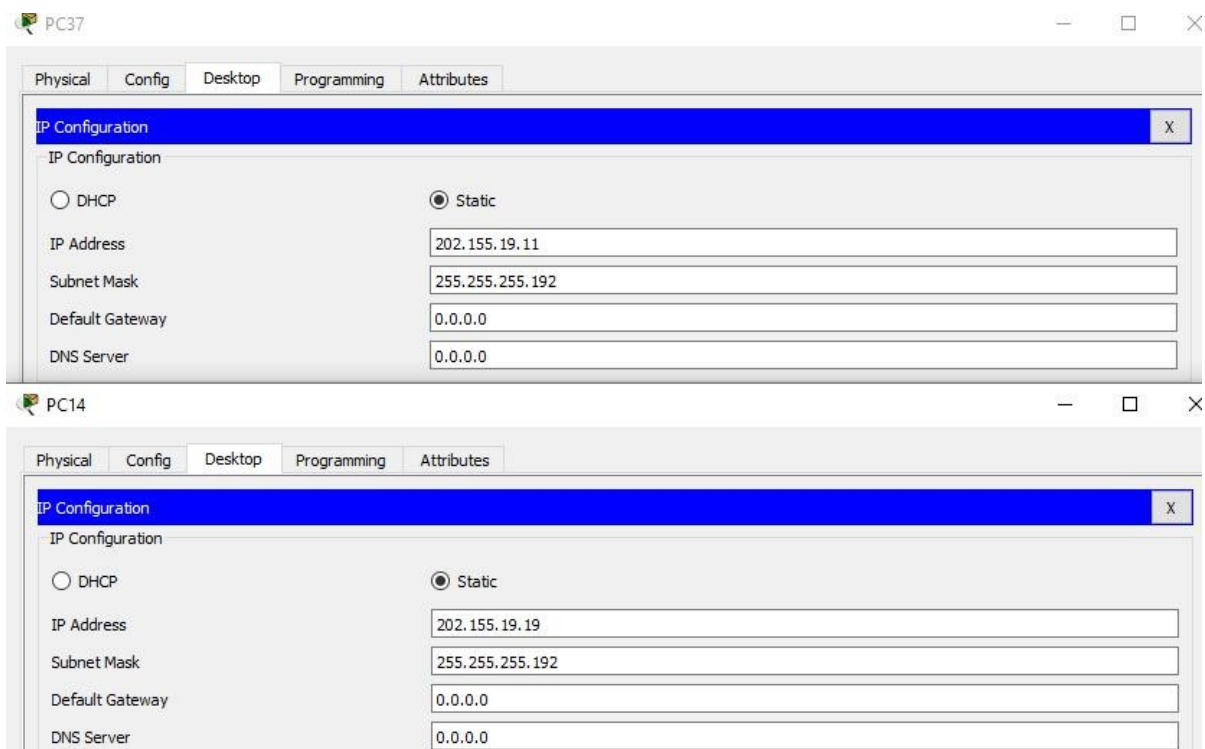


Nama: Yoga Ade P  
 NIM:L200180204/E  
 Tugas Modul 3



Divisi 1 range IP Address = 202.155.19.11-202.155.19.19



Divisi 2 range IP Address = 202.155.19.21-202.155.19.28

PC43

Physical Config Desktop Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IP Address 202.155.19.21

Subnet Mask 255.255.255.192

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

PC15

Physical Config Desktop Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IP Address 202.155.19.28

Subnet Mask 255.255.255.192

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

Divisi 3 range IP Address = 202.155.19.31-202.155.19.38

PC31

Physical Config Desktop Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IP Address 202.155.19.31

Subnet Mask 255.255.255.192

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

PC47

Physical Config Desktop Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

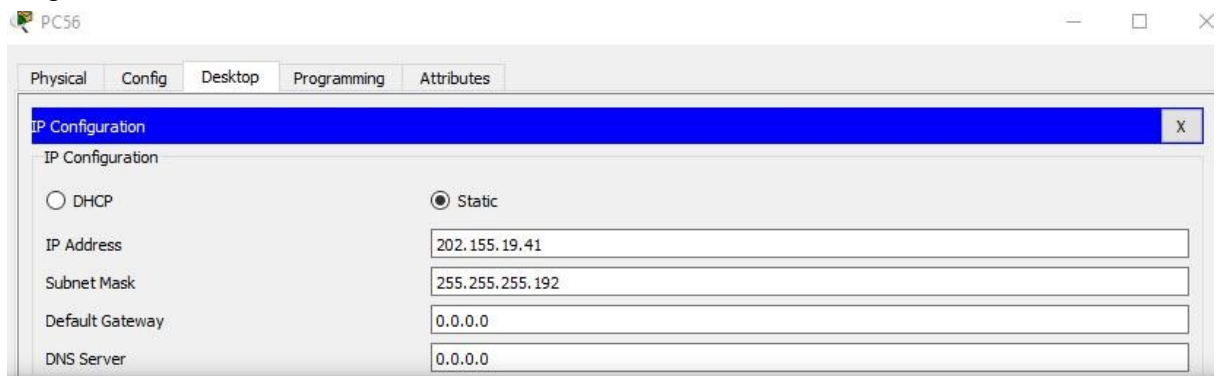
IP Address 202.155.19.38

Subnet Mask 255.255.255.192

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

Divisi 4 range IP Address = 202.155.19.41-202.155.19.48



PC56

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

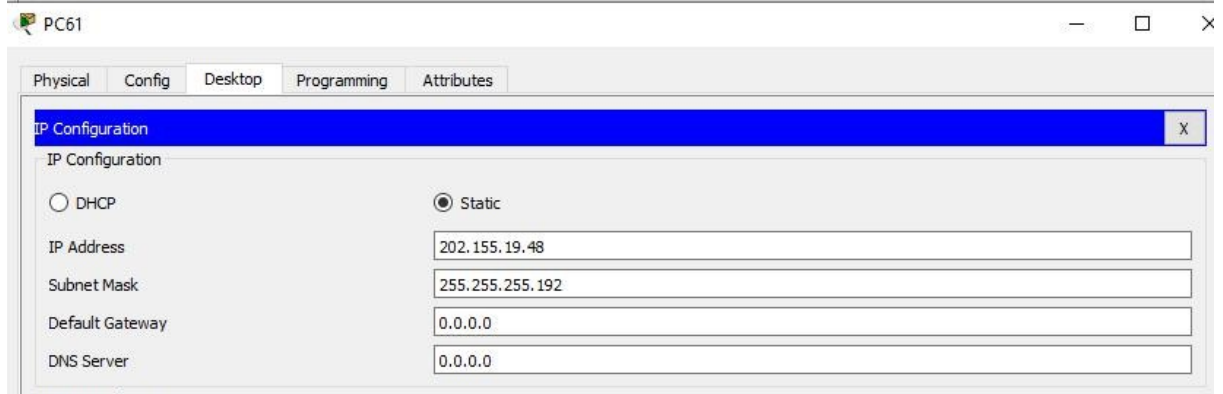
☐ DHCP ☒ Static

IP Address 202.155.19.41

Subnet Mask 255.255.255.192

Default Gateway 0.0.0.0

DNS Server 0.0.0.0



PC61

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

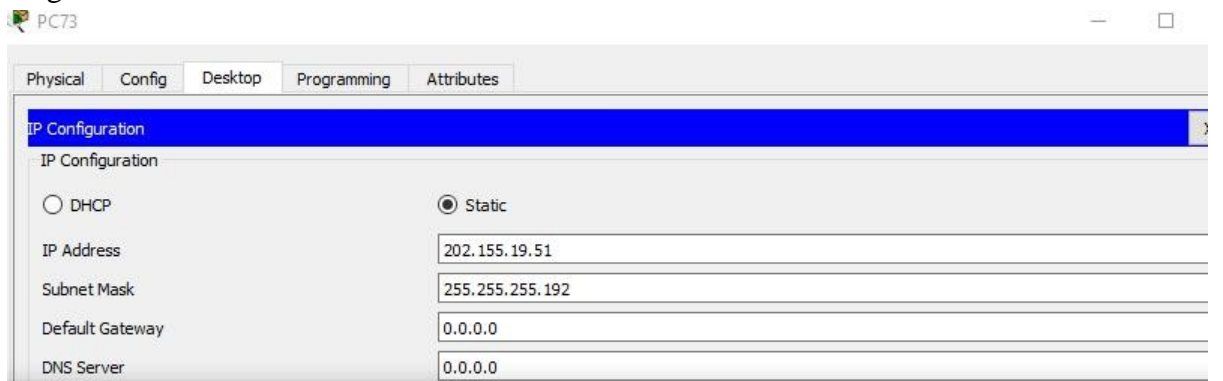
IP Address 202.155.19.48

Subnet Mask 255.255.255.192

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

Divisi 5 range IP Address = 202.155.19.51-202.155.19.59



PC73

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

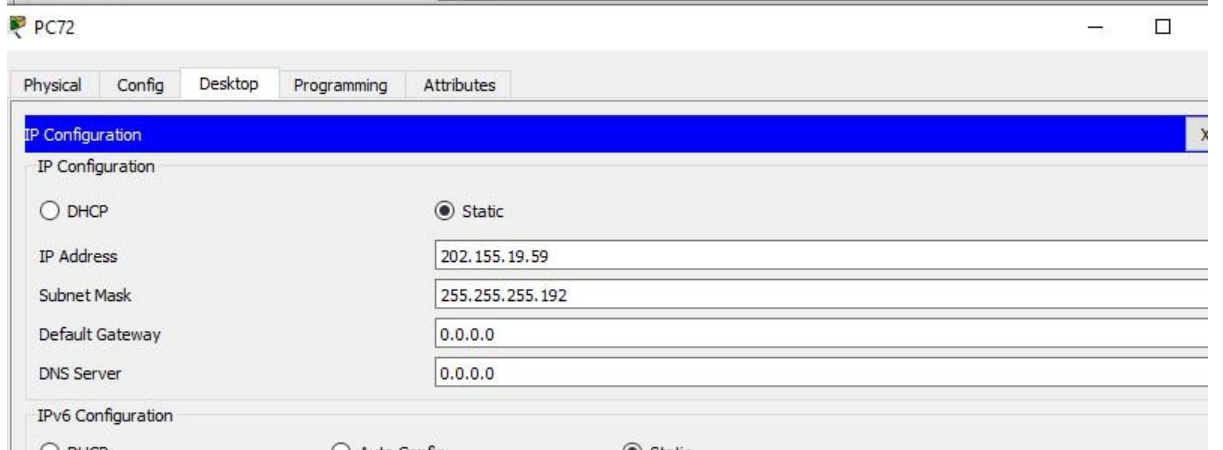
☐ DHCP ☒ Static

IP Address 202.155.19.51

Subnet Mask 255.255.255.192

Default Gateway 0.0.0.0

DNS Server 0.0.0.0



PC72

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☐ DHCP ☒ Static

IP Address 202.155.19.59

Subnet Mask 255.255.255.192

Default Gateway 0.0.0.0

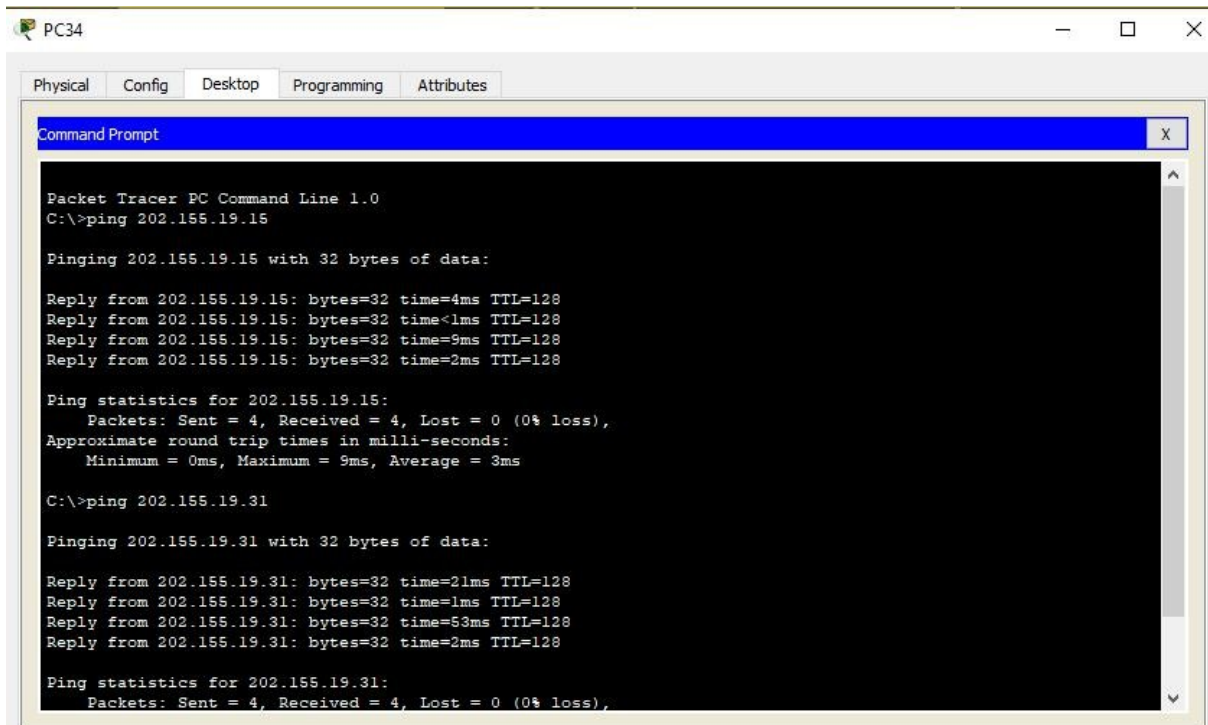
DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

## Tes

### Divisi 1



PC34

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.15

Pinging 202.155.19.15 with 32 bytes of data:

Reply from 202.155.19.15: bytes=32 time=4ms TTL=128
Reply from 202.155.19.15: bytes=32 time<1ms TTL=128
Reply from 202.155.19.15: bytes=32 time=9ms TTL=128
Reply from 202.155.19.15: bytes=32 time=2ms TTL=128

Ping statistics for 202.155.19.15:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 9ms, Average = 3ms

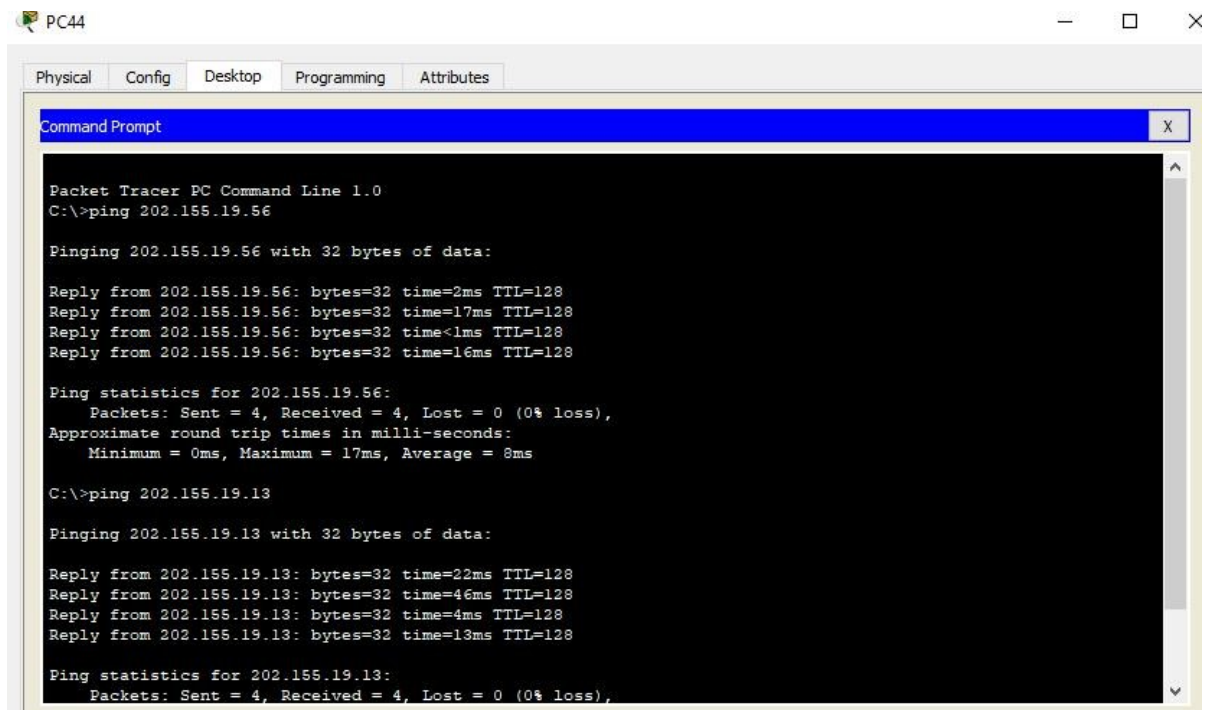
C:\>ping 202.155.19.31

Pinging 202.155.19.31 with 32 bytes of data:

Reply from 202.155.19.31: bytes=32 time=21ms TTL=128
Reply from 202.155.19.31: bytes=32 time=1ms TTL=128
Reply from 202.155.19.31: bytes=32 time=53ms TTL=128
Reply from 202.155.19.31: bytes=32 time=2ms TTL=128

Ping statistics for 202.155.19.31:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

### Divisi 2



PC44

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.56

Pinging 202.155.19.56 with 32 bytes of data:

Reply from 202.155.19.56: bytes=32 time=2ms TTL=128
Reply from 202.155.19.56: bytes=32 time=17ms TTL=128
Reply from 202.155.19.56: bytes=32 time<1ms TTL=128
Reply from 202.155.19.56: bytes=32 time=16ms TTL=128

Ping statistics for 202.155.19.56:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 17ms, Average = 8ms

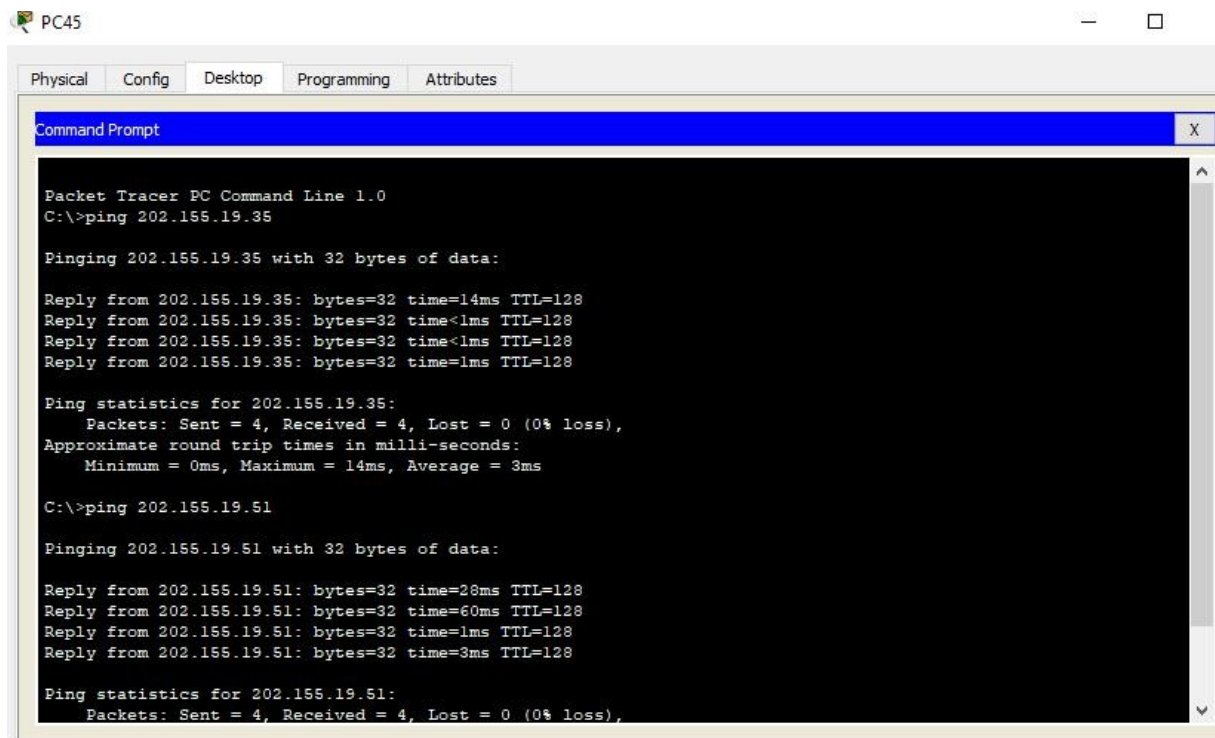
C:\>ping 202.155.19.13

Pinging 202.155.19.13 with 32 bytes of data:

Reply from 202.155.19.13: bytes=32 time=22ms TTL=128
Reply from 202.155.19.13: bytes=32 time=46ms TTL=128
Reply from 202.155.19.13: bytes=32 time=4ms TTL=128
Reply from 202.155.19.13: bytes=32 time=13ms TTL=128

Ping statistics for 202.155.19.13:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

### Divisi 3



PC45

Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.35

Pinging 202.155.19.35 with 32 bytes of data:

Reply from 202.155.19.35: bytes=32 time=14ms TTL=128
Reply from 202.155.19.35: bytes=32 time<1ms TTL=128
Reply from 202.155.19.35: bytes=32 time<1ms TTL=128
Reply from 202.155.19.35: bytes=32 time=1ms TTL=128

Ping statistics for 202.155.19.35:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 14ms, Average = 3ms

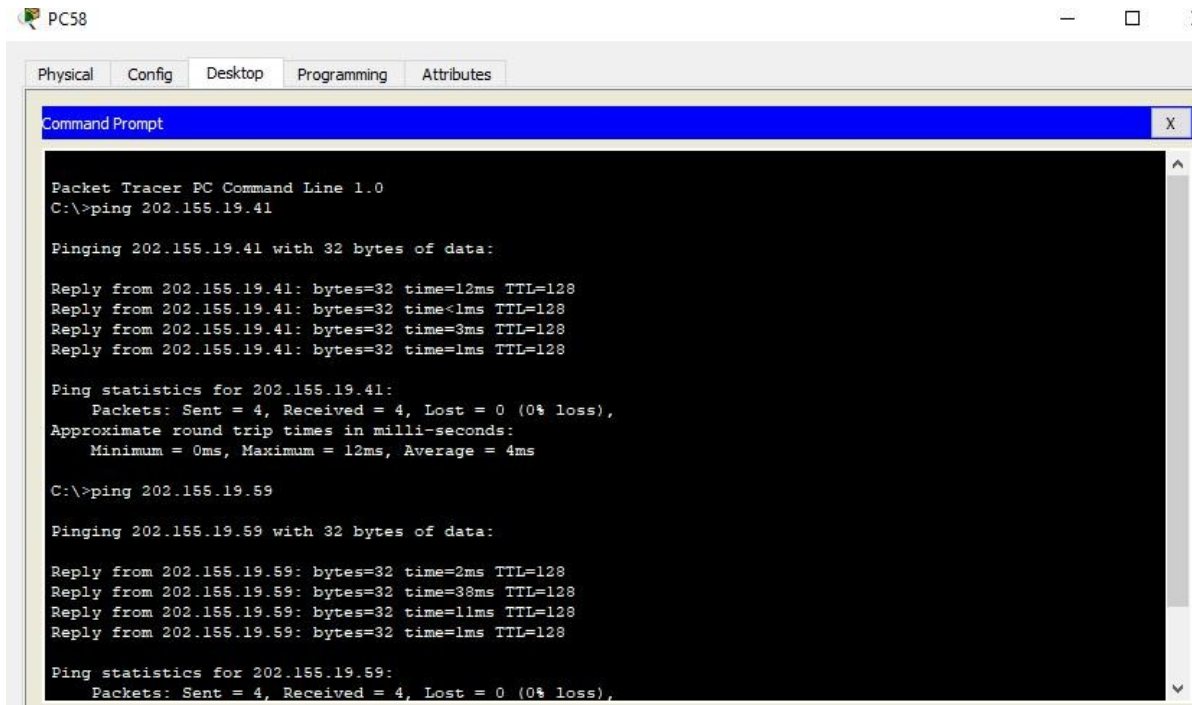
C:\>ping 202.155.19.51

Pinging 202.155.19.51 with 32 bytes of data:

Reply from 202.155.19.51: bytes=32 time=28ms TTL=128
Reply from 202.155.19.51: bytes=32 time=60ms TTL=128
Reply from 202.155.19.51: bytes=32 time=1ms TTL=128
Reply from 202.155.19.51: bytes=32 time=3ms TTL=128

Ping statistics for 202.155.19.51:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

### Divisi 4



PC58

Physical Config Desktop Programming Attributes

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=12ms TTL=128
Reply from 202.155.19.41: bytes=32 time<1ms TTL=128
Reply from 202.155.19.41: bytes=32 time=3ms 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 = 12ms, Average = 4ms

C:\>ping 202.155.19.59

Pinging 202.155.19.59 with 32 bytes of data:

Reply from 202.155.19.59: bytes=32 time=2ms TTL=128
Reply from 202.155.19.59: bytes=32 time=38ms TTL=128
Reply from 202.155.19.59: bytes=32 time=11ms TTL=128
Reply from 202.155.19.59: bytes=32 time=1ms TTL=128

Ping statistics for 202.155.19.59:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```



## Divisi 5

```

Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.57

Pinging 202.155.19.57 with 32 bytes of data:

Reply from 202.155.19.57: bytes=32 time=1ms TTL=128
Reply from 202.155.19.57: bytes=32 time=4ms TTL=128
Reply from 202.155.19.57: bytes=32 time<1ms TTL=128
Reply from 202.155.19.57: bytes=32 time<1ms TTL=128

Ping statistics for 202.155.19.57:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 4ms, Average = 1ms

C:\>ping 202.155.19.14

Pinging 202.155.19.14 with 32 bytes of data:

Reply from 202.155.19.14: bytes=32 time=22ms TTL=128
Reply from 202.155.19.14: bytes=32 time=1ms TTL=128
Reply from 202.155.19.14: bytes=32 time=11ms TTL=128
Reply from 202.155.19.14: bytes=32 time=10ms TTL=128

Ping statistics for 202.155.19.14:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

```

### Tugas dari pak iksan

192.168.5.0/28

Subetmask : 255.255.255.240

Jumlah subnet :

$$2^x 2^4 = 16$$

Jumlah host / subnet:

$$2^y - 2 = 2^4 - 2 = 14$$

Blok subnet:

$$256 - 240 = 16$$

Network	Host Pertama	Host Terakhir	Broadcast
192.168.5.0	192.168.5.1	192.168.5.14	192.168.5.15
192.168.5.16	192.168.5.17	192.168.5.30	192.168.5.31
192.168.5.32	192.168.5.33	192.168.5.46	192.168.5.47
192.168.5.48	192.168.5.49	192.168.5.62	192.168.5.63
192.168.5.64	192.168.5.65	192.168.5.78	192.168.5.79
192.168.5.80	192.168.5.81	192.168.5.94	192.168.5.95
192.168.5.96	192.168.5.97	192.168.5.110	192.168.5.111
192.168.5.112	192.168.5.113	192.168.5.126	192.168.5.127
192.168.5.128	192.168.5.129	192.168.5.142	192.168.5.143
192.168.5.144	192.168.5.145	192.168.5.158	192.168.5.159
192.168.5.160	192.168.5.161	192.168.5.173	192.168.5.175
192.168.5.176	192.168.5.177	192.168.5.190	192.168.5.191
192.168.5.192	192.168.5.193	192.168.5.206	192.168.5.207
192.168.5.208	192.168.5.209	192.168.5.222	192.168.5.223
192.168.5.224	192.168.5.225	192.168.5.238	192.168.5.239
192.168.5.240	192.168.5.241	192.168.5.254	192.168.5.255

