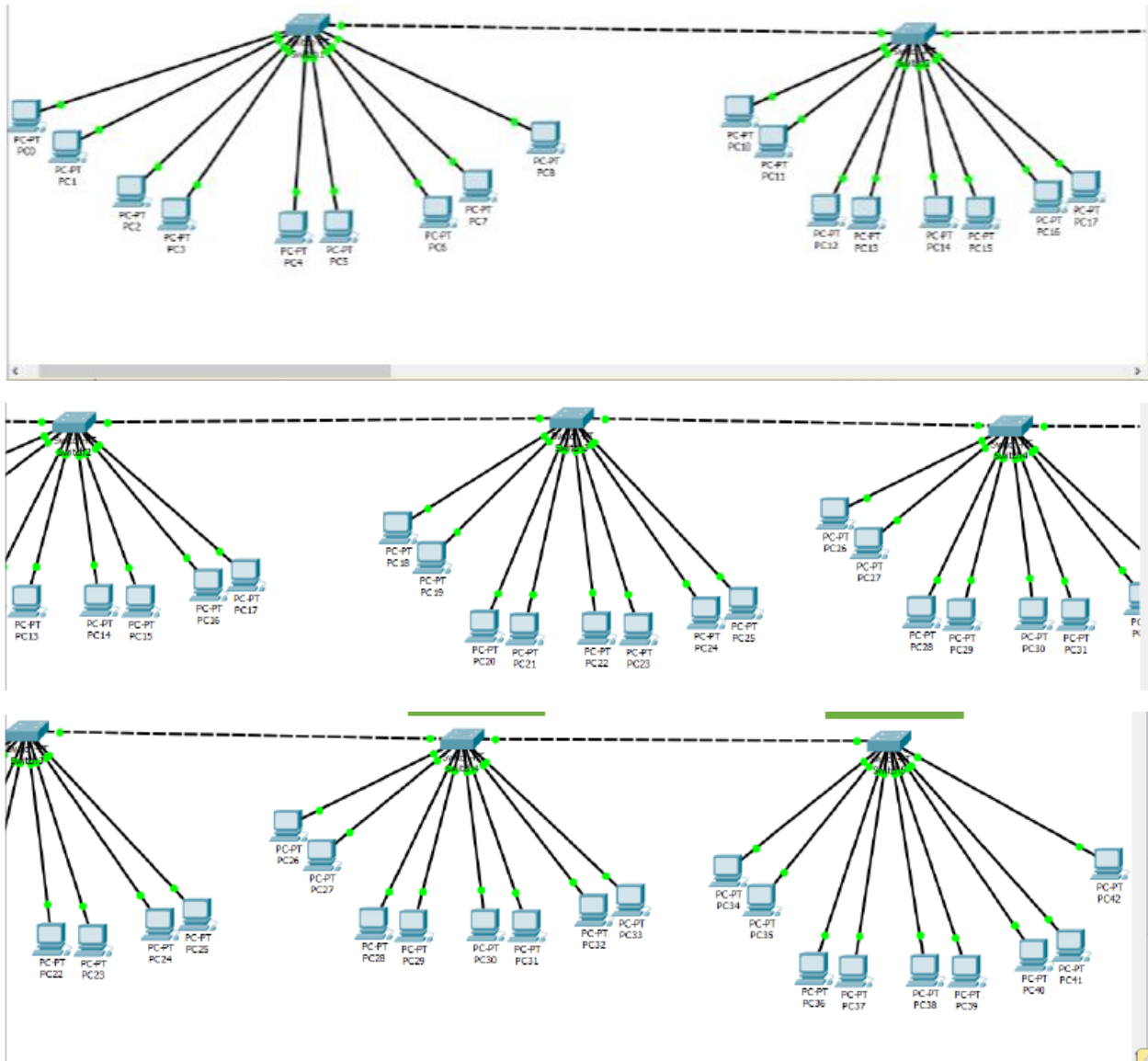Nama   : Sevtika Ichitia

NIM   : L200180158

Kelas D / informatika

MODUL 3

Desain jaringan dengan 5 divisi

Divisi 1 range IP Address = 202.155.19.11 – 202.155.19.19

Physical	Config	Desktop	Programming	Attributes

IP Configuration   X

Interface   FastEthernet0   ⌄

IP Configuration

○ DHCP   ⦿ Static

IP Address   202.155.19.11

Subnet Mask   255.255.255.192

Default Gateway   0.0.0.0

DNS Server   0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ⦿ Static

IPv6 Address   /

Link Local Address   FE80::260:5CFF:FE3D:B76

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

Physical	Config	Desktop	Programming	Attributes

IP Configuration   X

Interface   FastEthernet0   ⌄

IP Configuration

○ DHCP   ⦿ Static

IP Address   202.155.19.19

Subnet Mask   255.255.255.192

Default Gateway   0.0.0.0

DNS Server   0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ⦿ Static

IPv6 Address   /

Link Local Address   FE80::290:2BFF:FE17:A3

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

Divisi 2 range IP Address = 202.155.19.21 – 202.155.19.29

Physical   Config   Desktop   Programming   Attributes

IP Configuration   X

Interface   FastEthernet0

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

IPv6 Configuration

○ DHCP   ○ Auto Config   ● Static

IPv6 Address   /

Link Local Address   FE80::210:11FF:FEB4:8A98

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

Physical   Config   Desktop   Programming   Attributes

IP Configuration   X

Interface   FastEthernet0

IP Configuration

○ DHCP   ● Static

IP Address   202.155.19.29

Subnet Mask   255.255.255.192

Default Gateway   0.0.0.0

DNS Server   0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ● Static

IPv6 Address   /

Link Local Address   FE80::2D0:FFFF:FE0C:E9C7
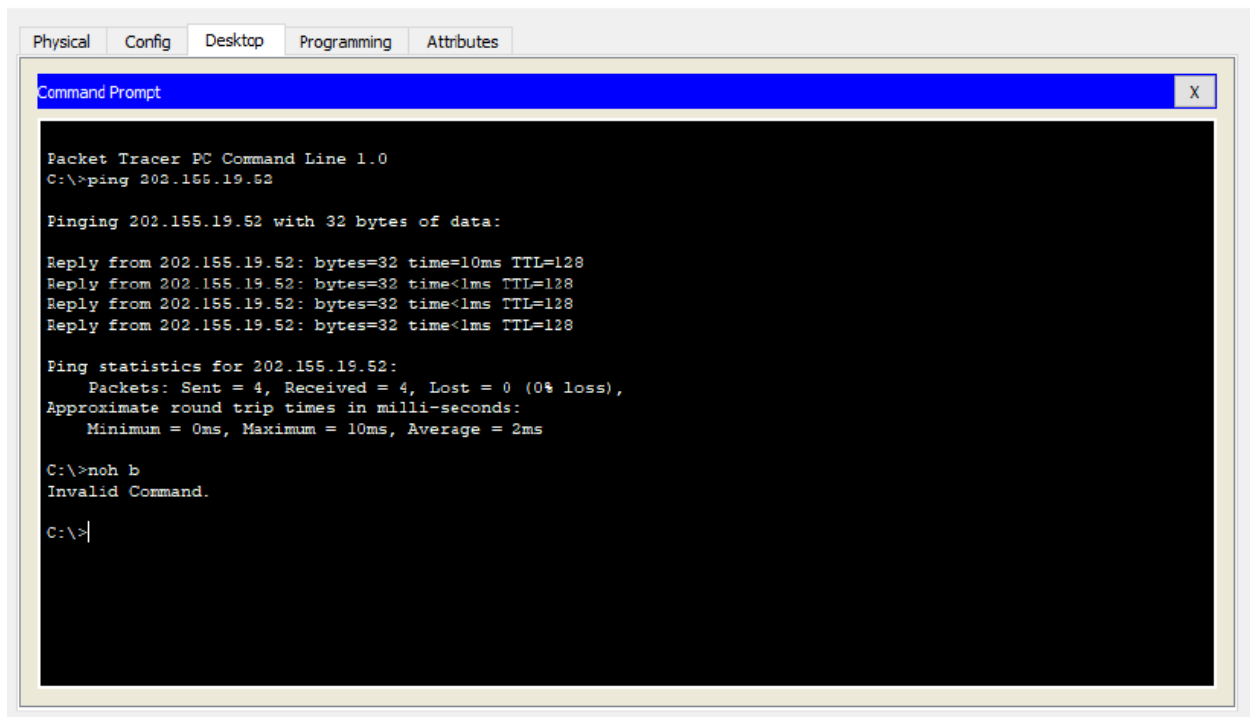
IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

Divisi 3 range IP Address = 202.155.19.31 – 202.155.19.39

Divisi 4 range IP Address = 202.155.19.41 – 202.155.19.49

Physical   Config   Desktop   Programming   Attributes

IP Configuration   X

| Interface | FastEthernet0 | ⌄ |

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

IPv6 Configuration

○ DHCP   ○ Auto Config   ◉ Static

IPv6 Address		/	
Link Local Address	FE80::2E0:F7FF:FEAD:9652
IPv6 Gateway	
IPv6 DNS Server	

802.1X

☐ Use 802.1X Security

☐ Top

Physical   Config   Desktop   Programming   Attributes

IP Configuration   X

| Interface | FastEthernet0 | ⌄ |

IP Configuration

○ DHCP   ◉ Static

IP Address	202.155.19.49
Subnet Mask	255.255.255.192
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

IPv6 Configuration

○ DHCP   ○ Auto Config   ◉ Static

IPv6 Address		/	
Link Local Address	FE80::2E0:F7FF:FECA:E6EE
IPv6 Gateway	
IPv6 DNS Server	

802.1X

☐ Use 802.1X Security

☐ Top

Divisi 5 range IP Address = 202.155.19.51 – 202.155.19.59

Mengeping dari PC0 switch 1 ke PC35 switch 5


```
Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.52

Pinging 202.155.19.52 with 32 bytes of data:

Reply from 202.155.19.52: bytes=32 time=10ms TTL=128
Reply from 202.155.19.52: bytes=32 time<1ms TTL=128
Reply from 202.155.19.52: bytes=32 time<1ms TTL=128
Reply from 202.155.19.52: bytes=32 time<1ms TTL=128

Ping statistics for 202.155.19.52:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 10ms, Average = 2ms

C:\>noh b
Invalid Command.

C:\>
```
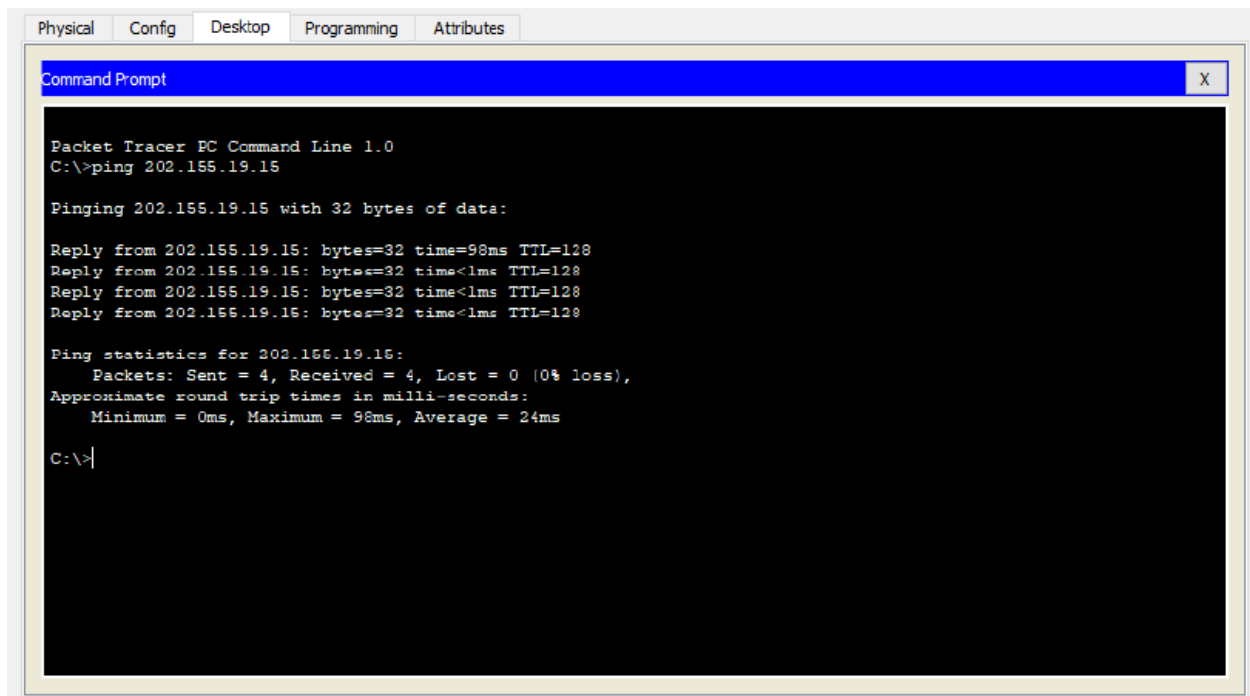
Mengeping dari PC3 switch 1 ke PC4 switch 1


```
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=98ms TTL=128
Reply from 202.155.19.15: bytes=32 time<1ms TTL=128
Reply from 202.155.19.15: bytes=32 time<1ms TTL=128
Reply from 202.155.19.15: bytes=32 time<1ms 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 = 98ms, Average = 24ms

C:\>
```
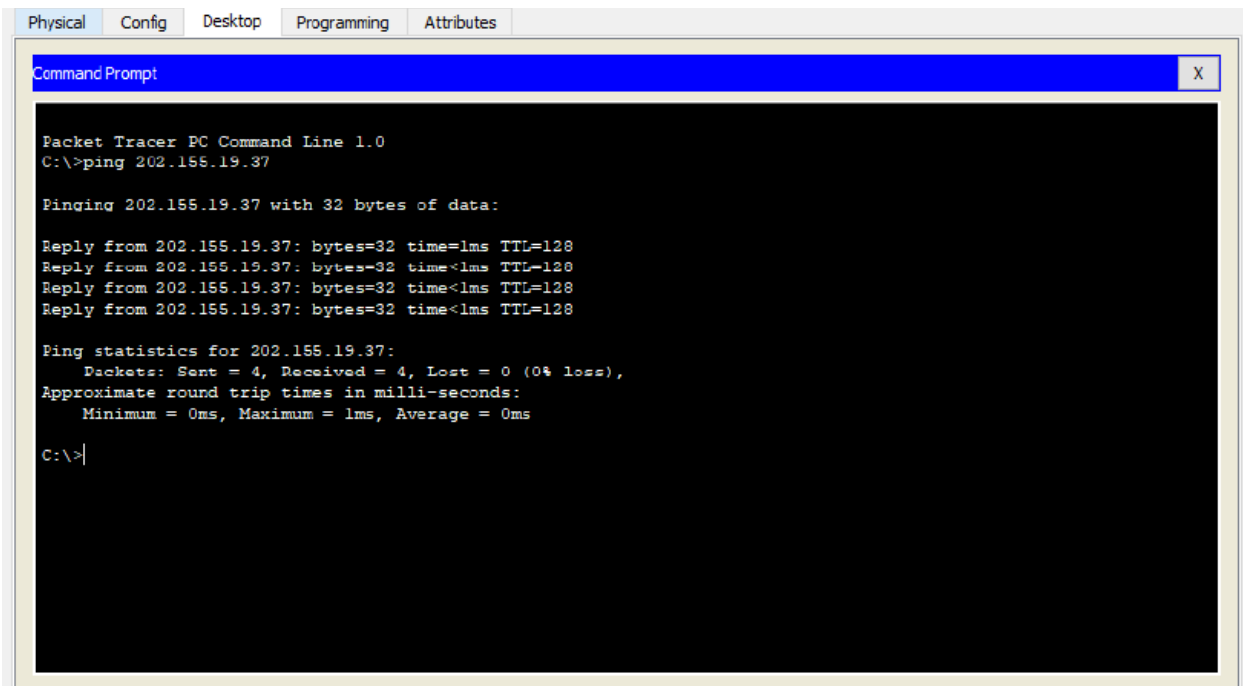
Mengeping dari PC15 switch 2 ke PC24 switch 3

Physical | Config | Desktop | Programming | Attributes

Command Prompt   X

```
Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.37

Pinging 202.155.19.37 with 32 bytes of data:

Reply from 202.155.19.37: bytes=32 time=1ms TTL=128
Reply from 202.155.19.37: bytes=32 time<1ms TTL=128
Reply from 202.155.19.37: bytes=32 time<1ms TTL=128
Reply from 202.155.19.37: bytes=32 time<1ms TTL=128

Ping statistics for 202.155.19.37:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```
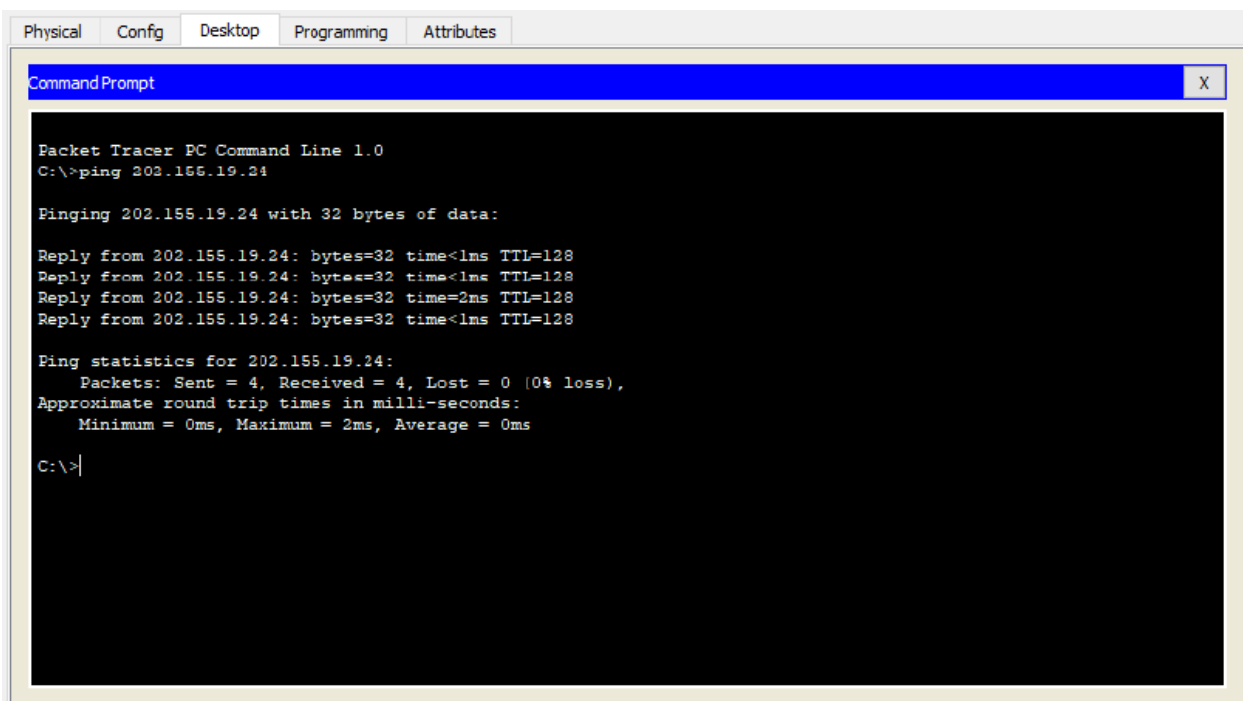
Mengeping dari PC12 switch 2 ke PC13 switch 2

Physical | Confg | Desktop | Programming | Attributes

Command Prompt   X

```
Packet Tracer PC Command Line 1.0
C:\>ping 202.155.19.24

Pinging 202.155.19.24 with 32 bytes of data:

Reply from 202.155.19.24: bytes=32 time<1ms TTL=128
Reply from 202.155.19.24: bytes=32 time<1ms TTL=128
Reply from 202.155.19.24: bytes=32 time=2ms TTL=128
Reply from 202.155.19.24: bytes=32 time<1ms TTL=128

Ping statistics for 202.155.19.24:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 2ms, Average = 0ms

C:\>
```
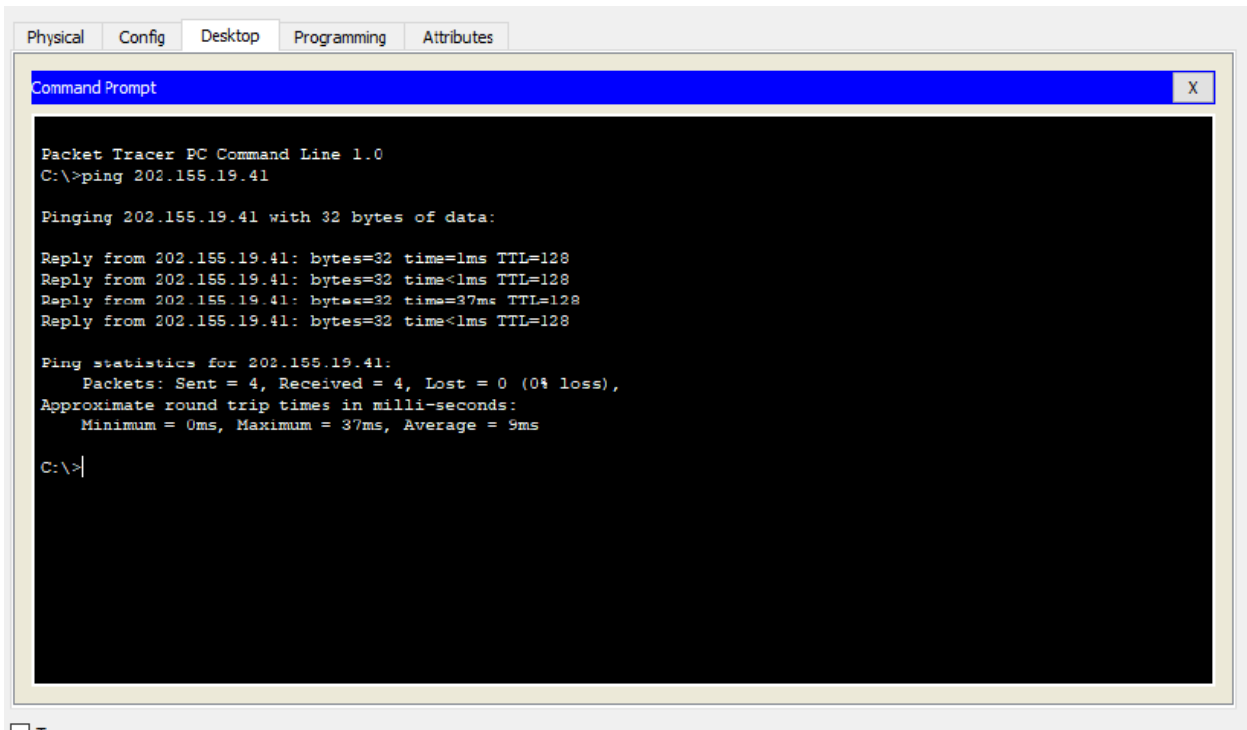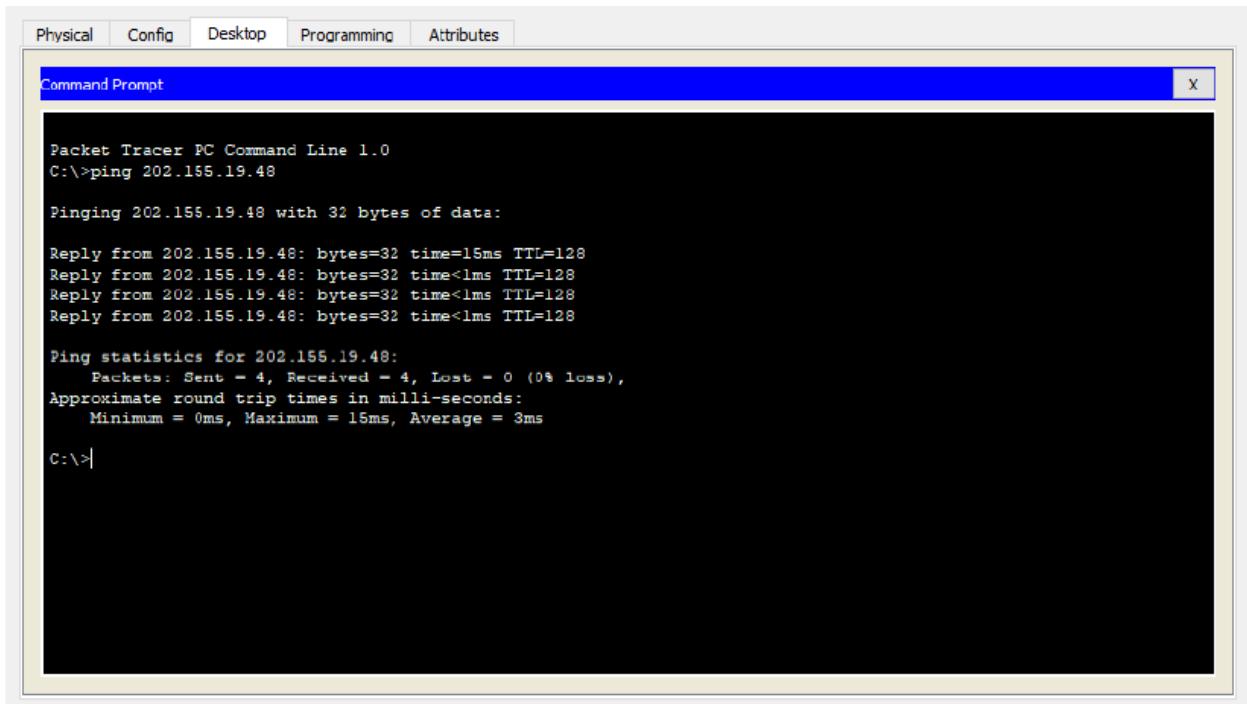
Mengeping dari PC25 switch 3 ke PC26 switch 4

Mengeping dari PC32 switch 4 ke PC33 switch 4

Mengeping dari PC38 switch 5 ke PC40 switch 5

| Physical | Config | Desktop | Programming | Attributes |

Command Prompt   X

```
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<1ms 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 = 1ms, Average = 0ms

C:\>
```