

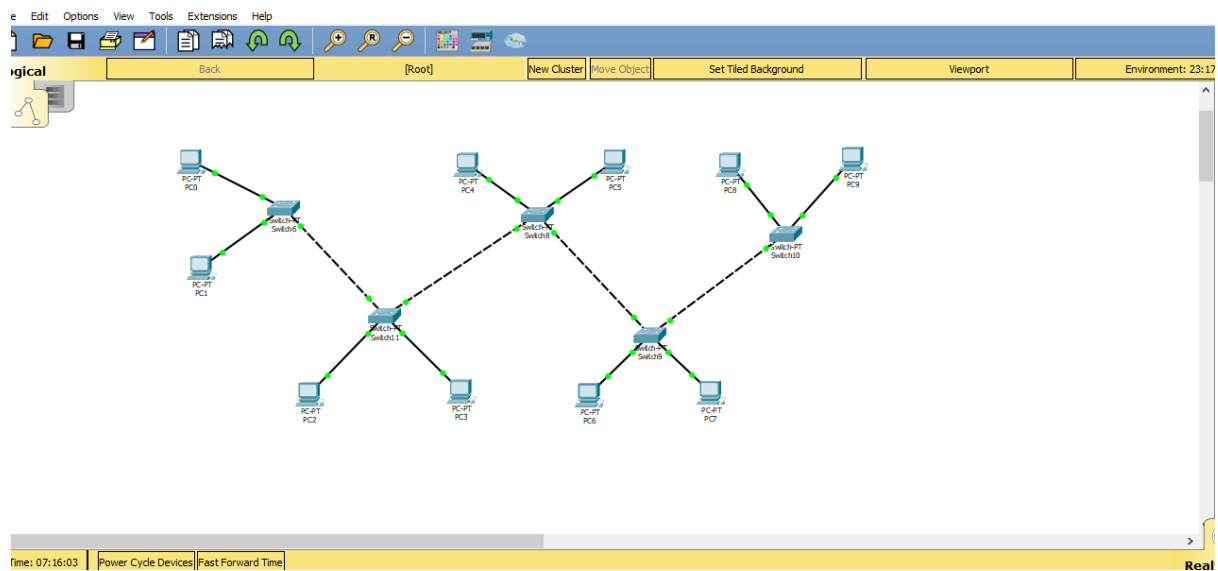
Nama : SRI HAJIATI

Nim : L200170103

Kelas : C

Modul : Tugas 3

1.



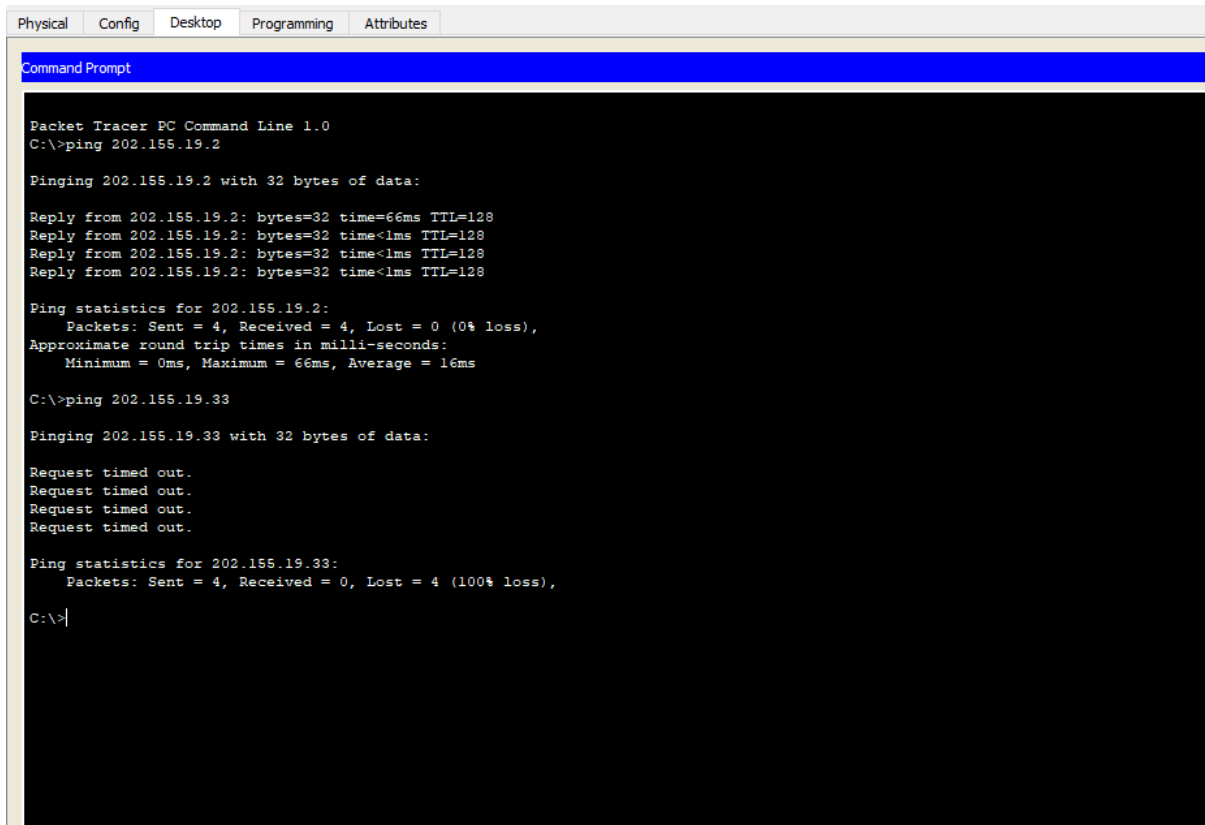
Subnet Address	Alamat IP	Subnet Mask
202.155.19.0	202.155.19.1	255.255.224
202.155.19.32	202.155.19.33	
202.155.19.64	202.155.19.65	
202.155.19.96	202.155.19.97	
202.155.19.128	202.155.19.129	

- Terdapat 5 switch seri generik dan terdapat 10 PC .
- Subnet Mask yang digunakan seluruh PC yaitu 255.255.255.224
- Pada PC 0 mempunyai Ip addres 202.155.19.1
- Pada PC1 mempunyai Ip addres 202.155.19.2
- Pada PC2 mempunyai Ip addres 202.155.19.33
- Pada PC3 mempunyai Ip addres 202.155.19.34

- Pada PC4 mempunyai Ip addres 202.155.19.65
- Pada PC5 mempunyai Ip addres 202.155.19.66
- Pada PC6 mempunyai Ip addres 202.155.19.97
- Pada PC7 mempunyai Ip addres 202.155.19.98
- Pada PC8 mempunyai Ip addres 202.155.19.129
- Pada PC9 mempunyai Ip addres 202.155.19.130

- Setiap kabel yang terhubung dari switch ke setiap PC mempunyai indikator warna lampu hijau yang berarti bahwa kabel berhasil menghubungkan perangkat satu sama lain.

2.



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Packet Tracer PC Command Line 1.0
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=66ms TTL=128
Reply from 202.155.19.2: bytes=32 time<lms TTL=128
Reply from 202.155.19.2: bytes=32 time<lms TTL=128
Reply from 202.155.19.2: bytes=32 time<lms 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 = 66ms, Average = 16ms

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:\>|

```

- Ketika mengetik ping dari PC0 ke PC1 maka akan terhbung tapi jika kita ping PC0 ke PC2 maka jawabannya time out. Karena subnet addres PC0 dan PC1 sama sedangkan subnet addres PC0 dengan PC2 berbeda.

PC4

Physical Config Desktop Programming Attributes

Command Prompt

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Packet Tracer PC Command Line 1.0
C:\>ping 202.155.166
Ping request could not find host 202.155.166. Please check the name and try again.
C:\>ping 202.155.19.66

Pinging 202.155.19.66 with 32 bytes of data:

Reply from 202.155.19.66: bytes=32 time<1ms TTL=128
Reply from 202.155.19.66: bytes=32 time<1ms TTL=128
Reply from 202.155.19.66: bytes=32 time<1ms TTL=128
Reply from 202.155.19.66: bytes=32 time<1ms TTL=128

Ping statistics for 202.155.19.66:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

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:\>
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-Ketika kita menge ping PC4 ke PC5 maka akan terhubung atau bisa karena kita tahu bahwasubnet address nya sama . tetapi jika kita menge ping PC4 ke PC8 maka tidak bisa atau time out karena subnet address nya berbeda.