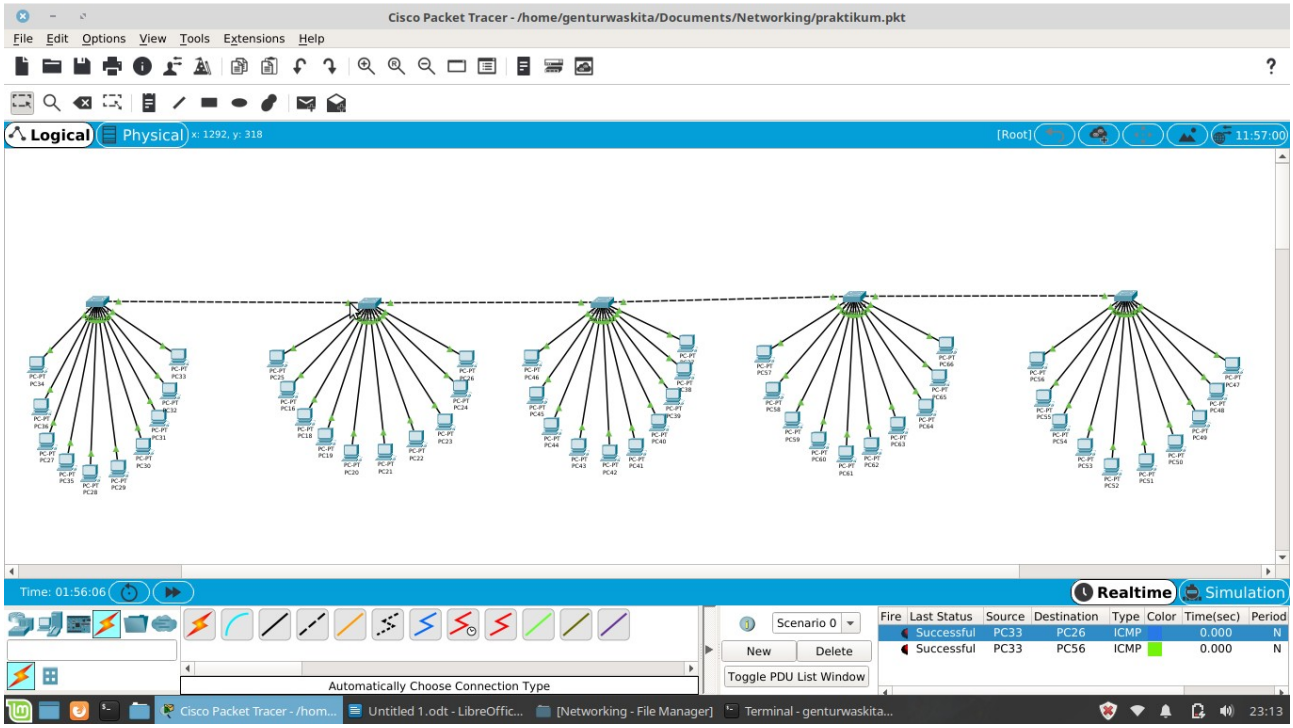
Nama : Gentur Waskita
NIM : L200170085
Kelas : D

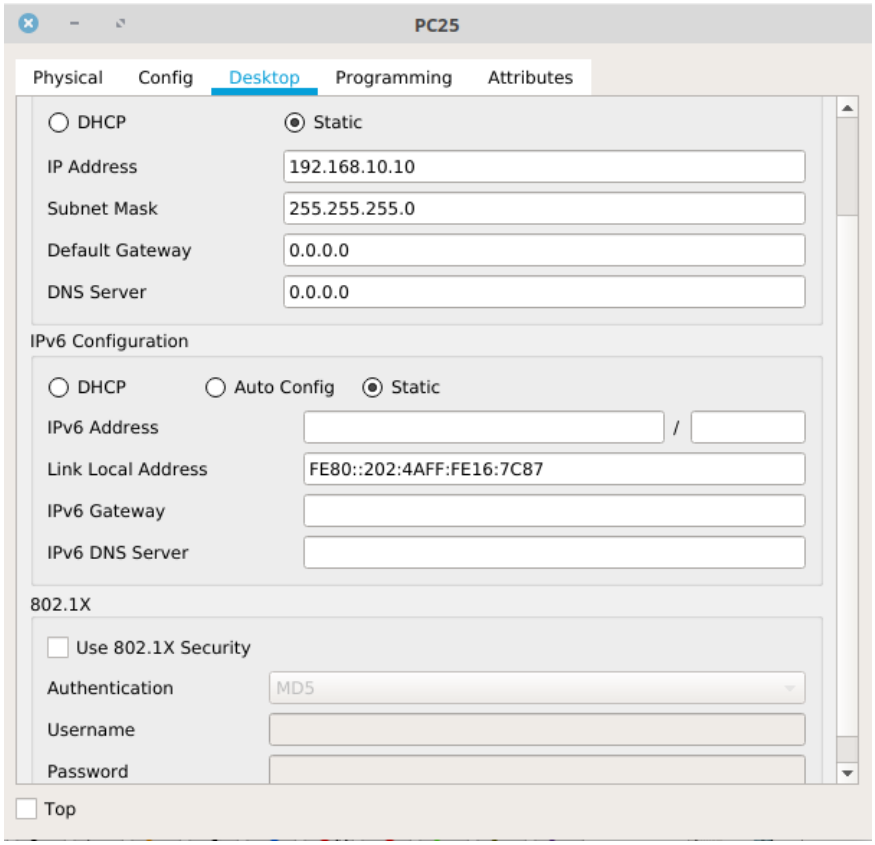
Modul 2

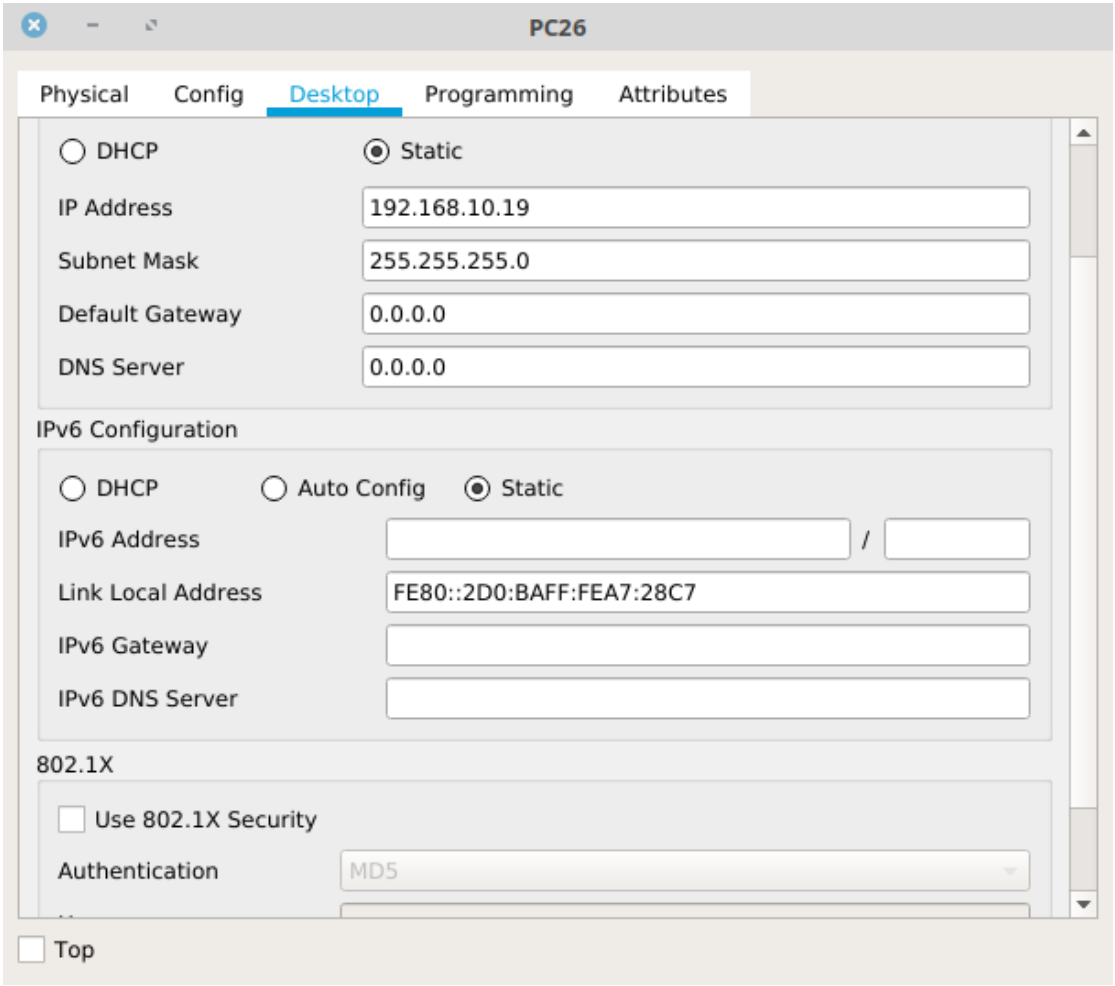
1. Rancangan jaringan yang terdiri dari 5 switch yang saling terhubung dan setiap switch terdiri dari 10 PC.



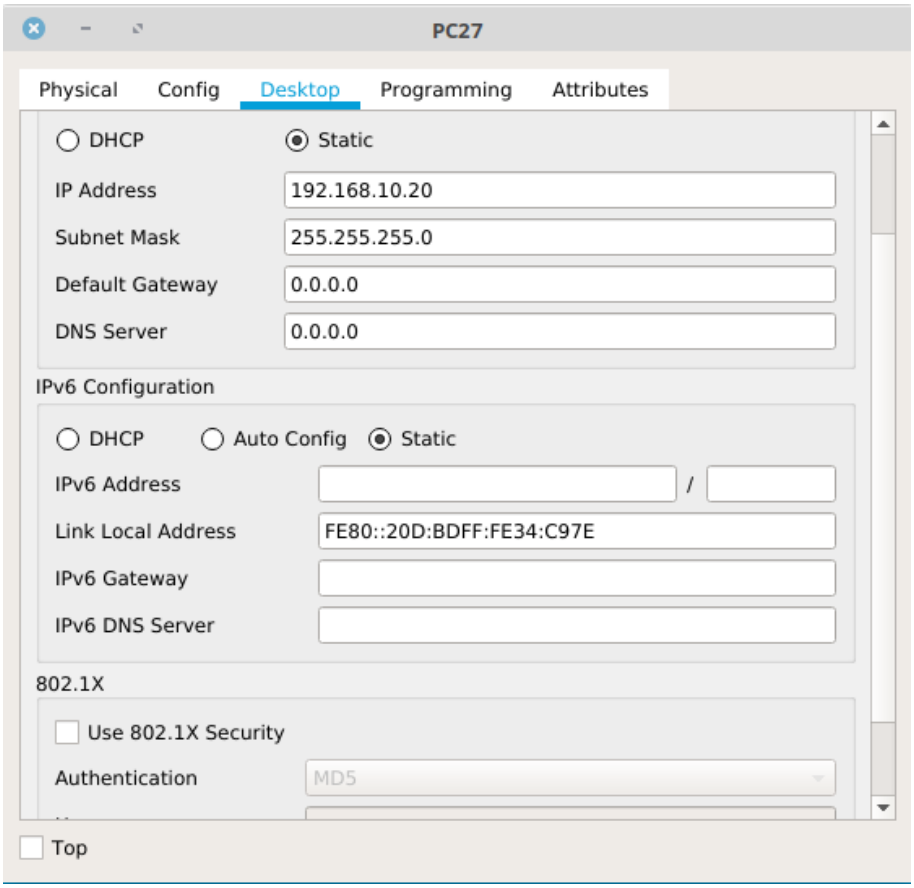
Struktur Jaringan

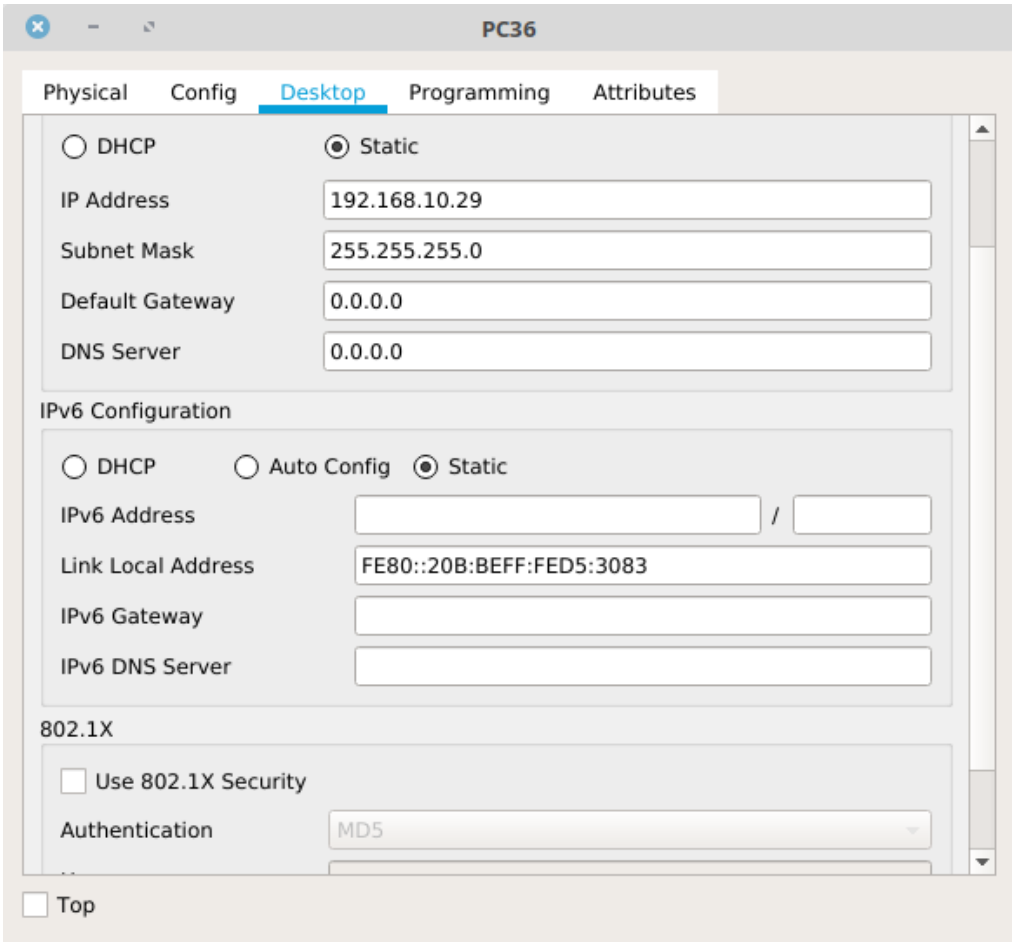
a. Konfigurasi untuk setiap PC di Switch 1, IP Address antara 192.168.10.10 sampai 192.168.10.19 secara terurut.



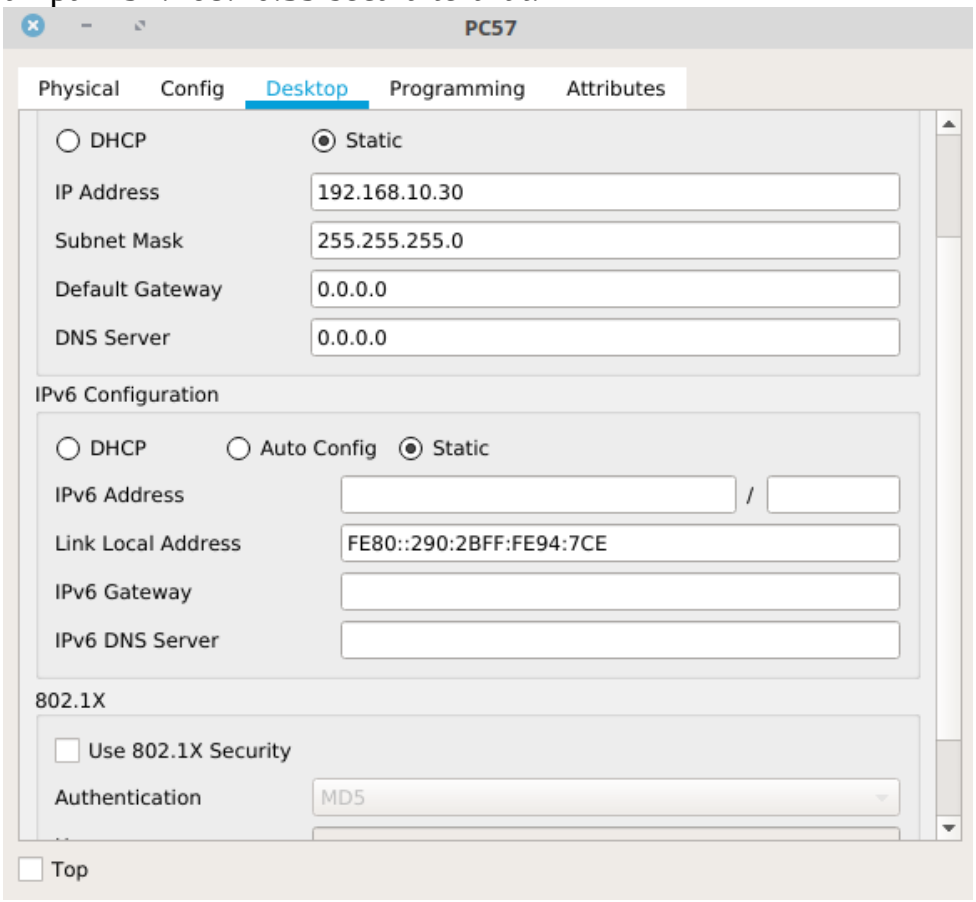


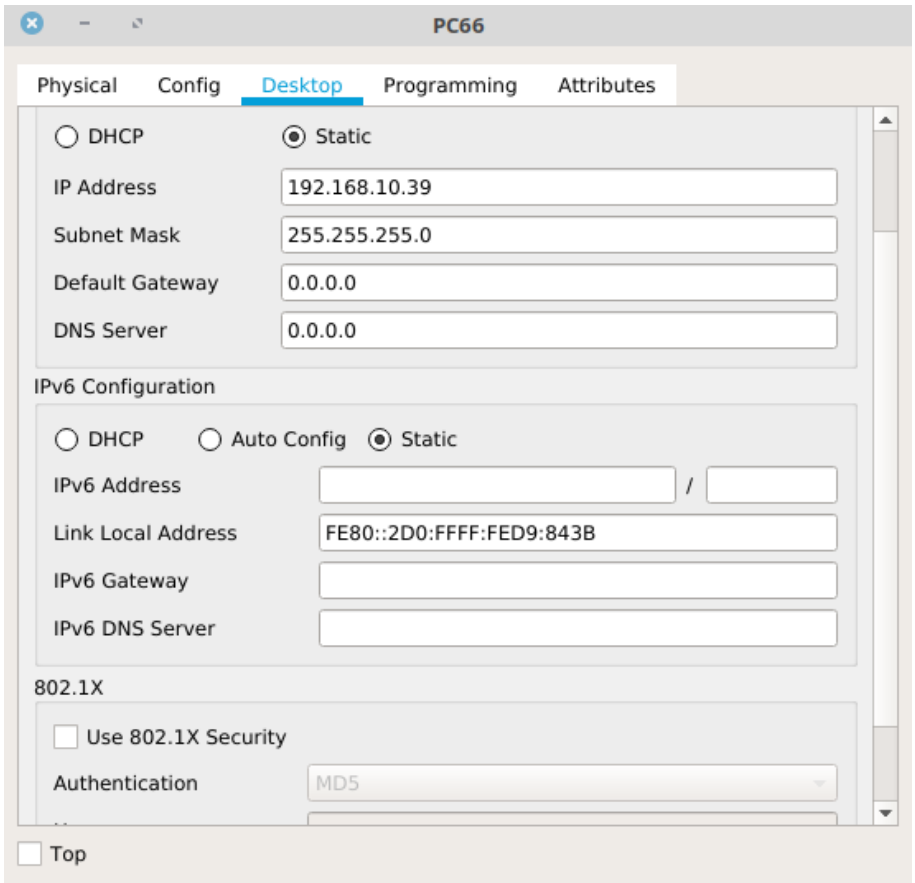
b. Konfigurasi untuk setiap PC di Switch 2, IP Address antara 192.168.10.20 sampai 192.168.10.29 secara terurut.


PC27
Physical
Config
Desktop
Programming
Attributes
DHCP
Static
IP Address
192.168.10.20
Subnet Mask
255.255.255.0
Default Gateway
0.0.0.0
DNS Server
0.0.0.0
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
/
Link Local Address
FE80::20D:BDFF:FE34:C97E
IPv6 Gateway
IPv6 DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Top

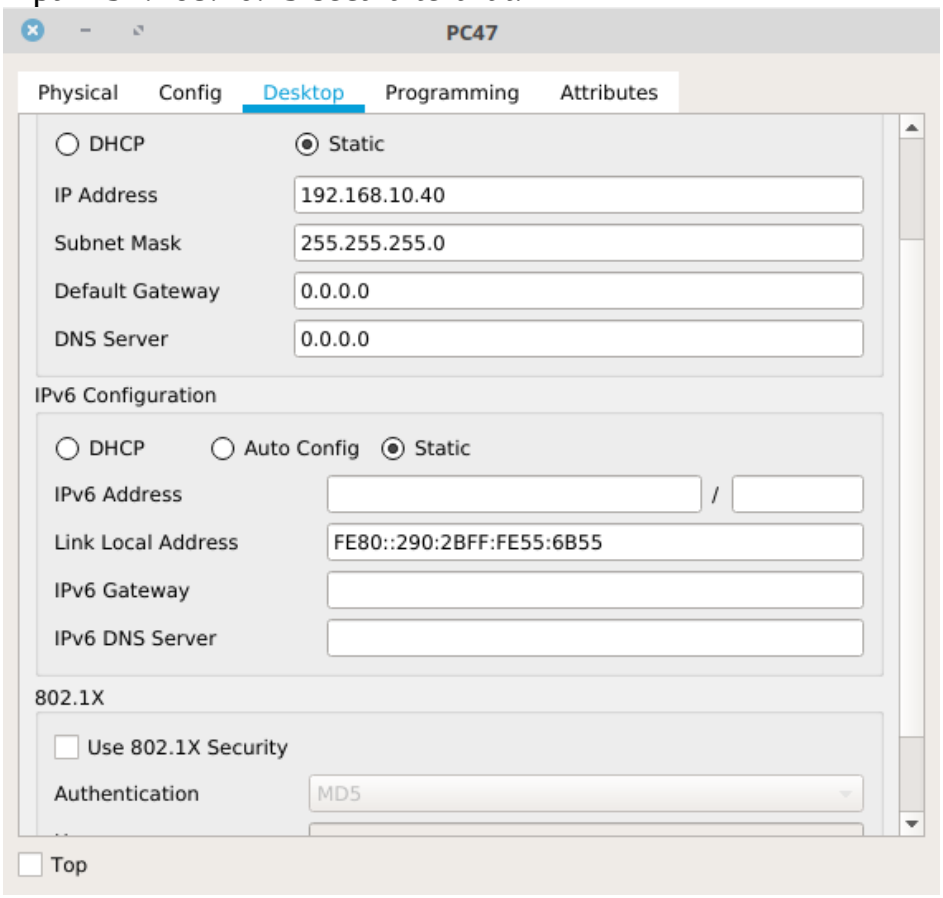

PC36
Physical
Config
Desktop
Programming
Attributes
DHCP
Static
IP Address
192.168.10.29
Subnet Mask
255.255.255.0
Default Gateway
0.0.0.0
DNS Server
0.0.0.0
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
/
Link Local Address
FE80::20B:BEFF:FED5:3083
IPv6 Gateway
IPv6 DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Top

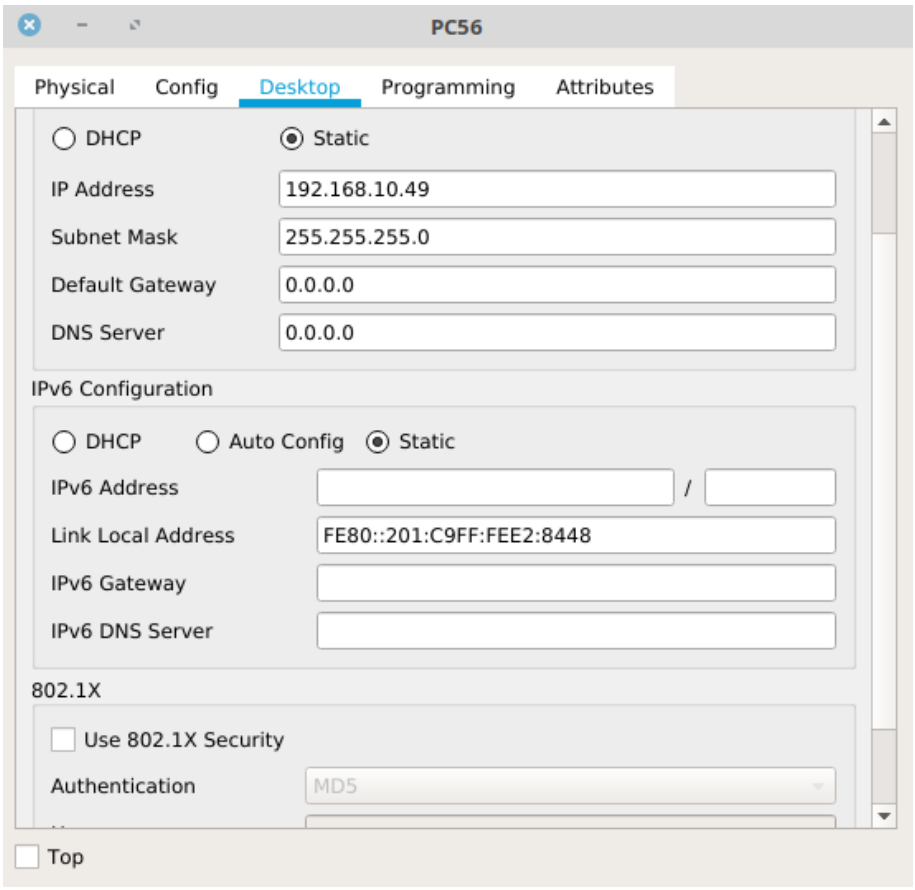
c. Konfigurasi untuk setiap PC di Switch 3, IP Address antara 192.168.10.30 sampai 192.168.10.39 secara terurut.



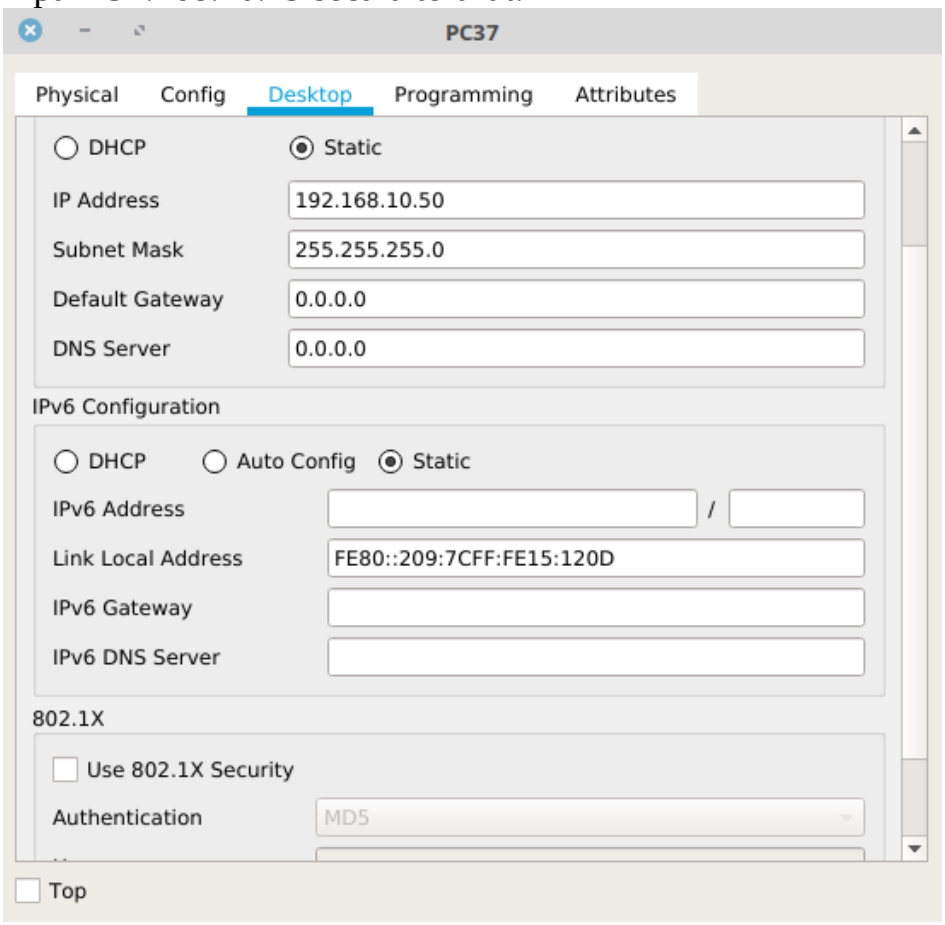


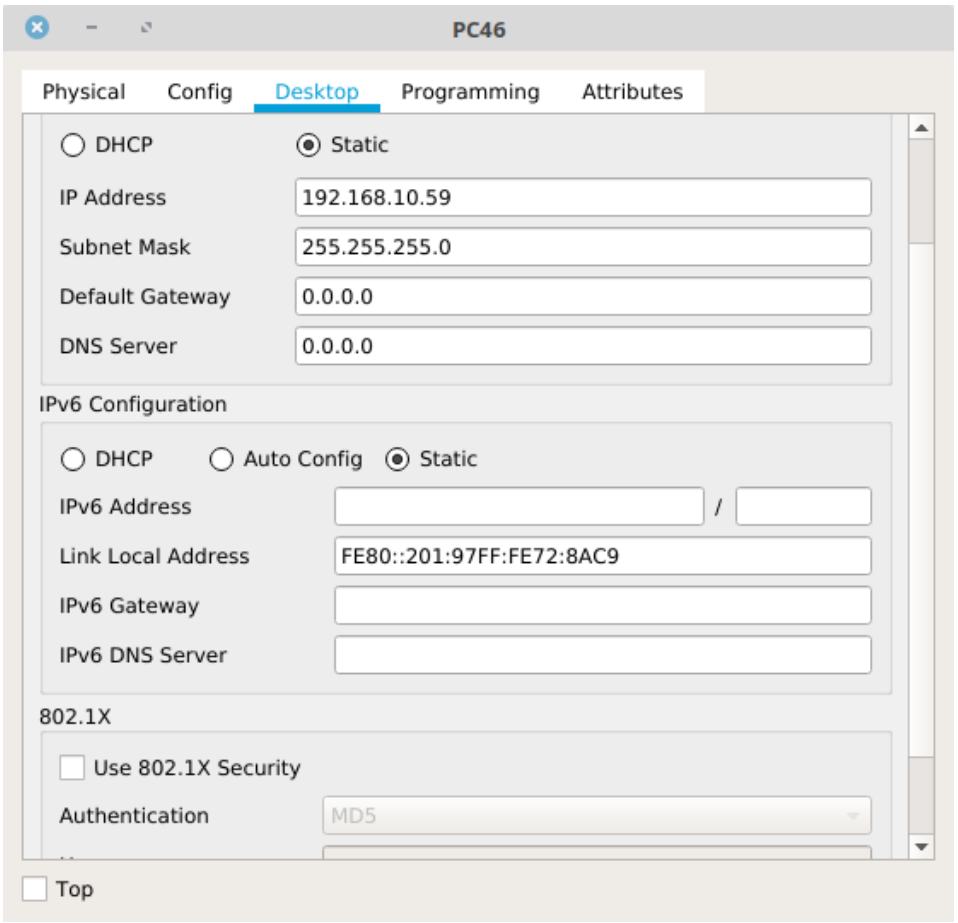
d. Konfigurasi untuk setiap PC di Switch 3, IP Address antara 192.168.10.40 sampai 192.168.10.49 secara terurut.



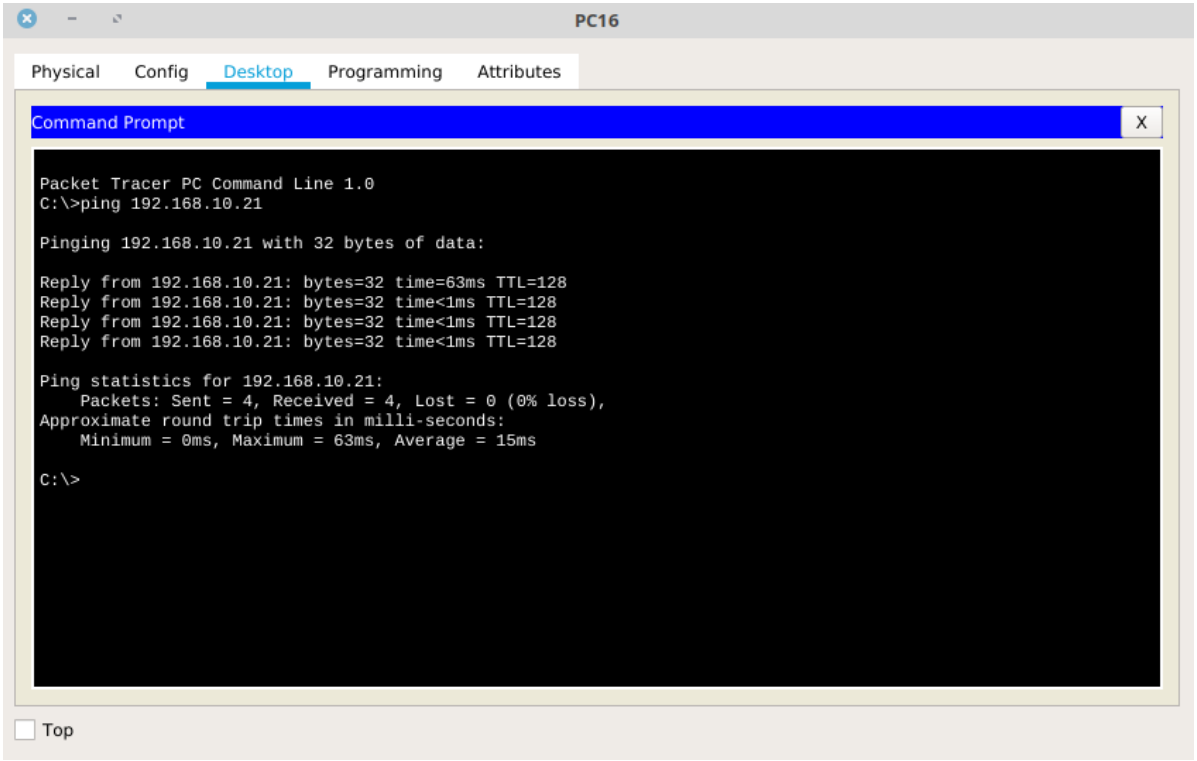


e. Konfigurasi untuk setiap PC di Switch 3, IP Address antara 192.168.10.40 sampai 192.168.10.49 secara terurut.



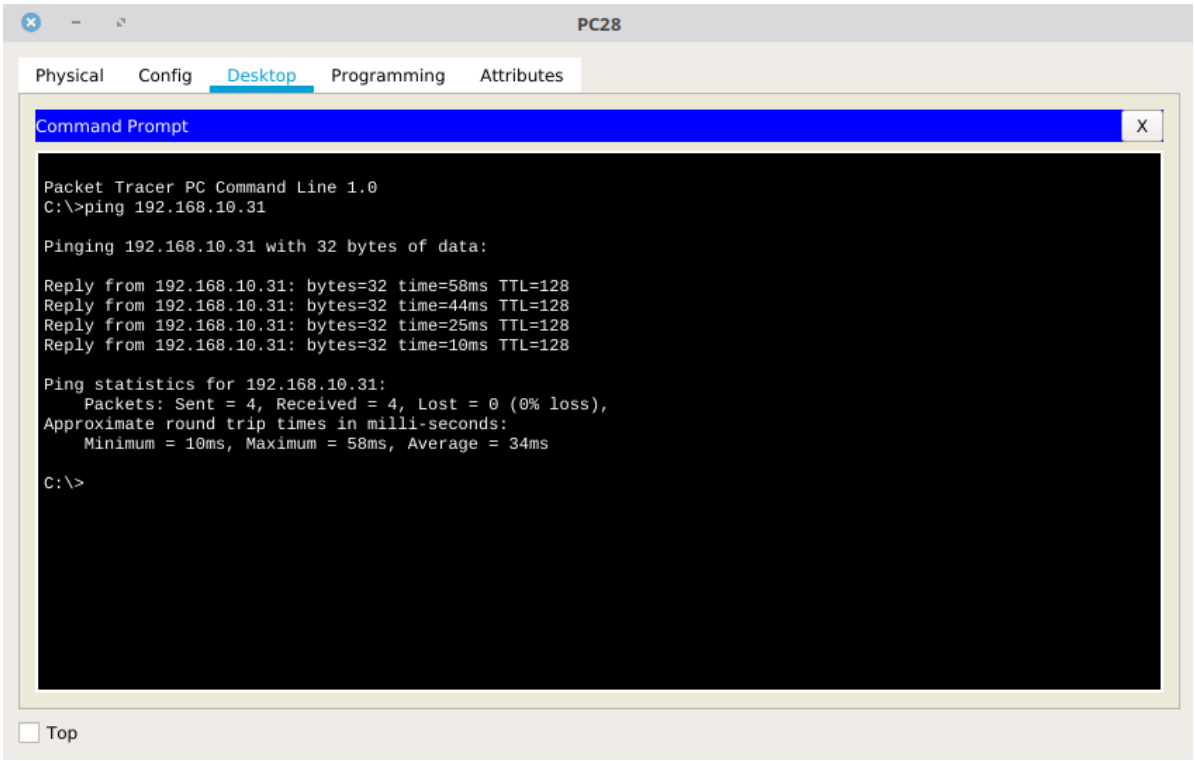


2. Setelah dilakukan konfigurasi IP Address untuk setiap PC langkah selanjutnya ialah menguji koneksi pada setiap PC. (mengambil beberapa contoh ping pada PC).
   a. Uji koneksi antara IP 192.168.10.11 dengan 192.168.10.21 .



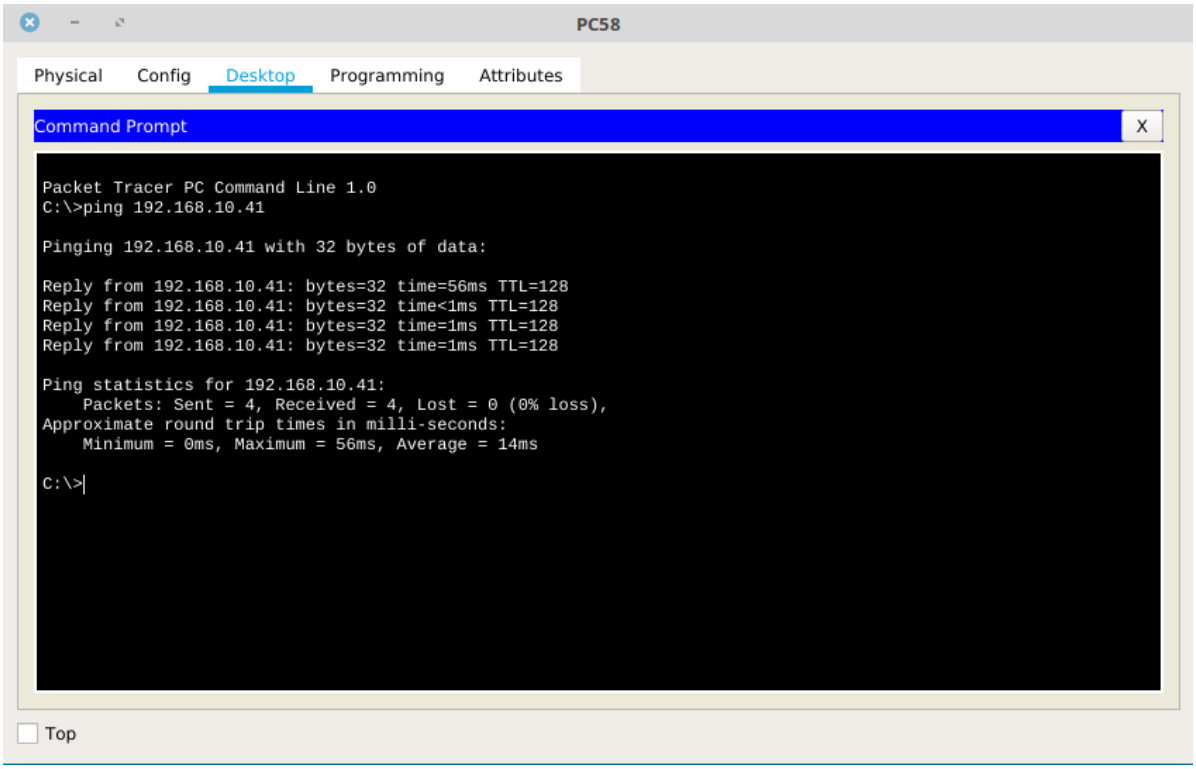
Hasil ping

   b. Uji koneksi antara IP 192.168.10.21 dengan 192.168.10.31 .



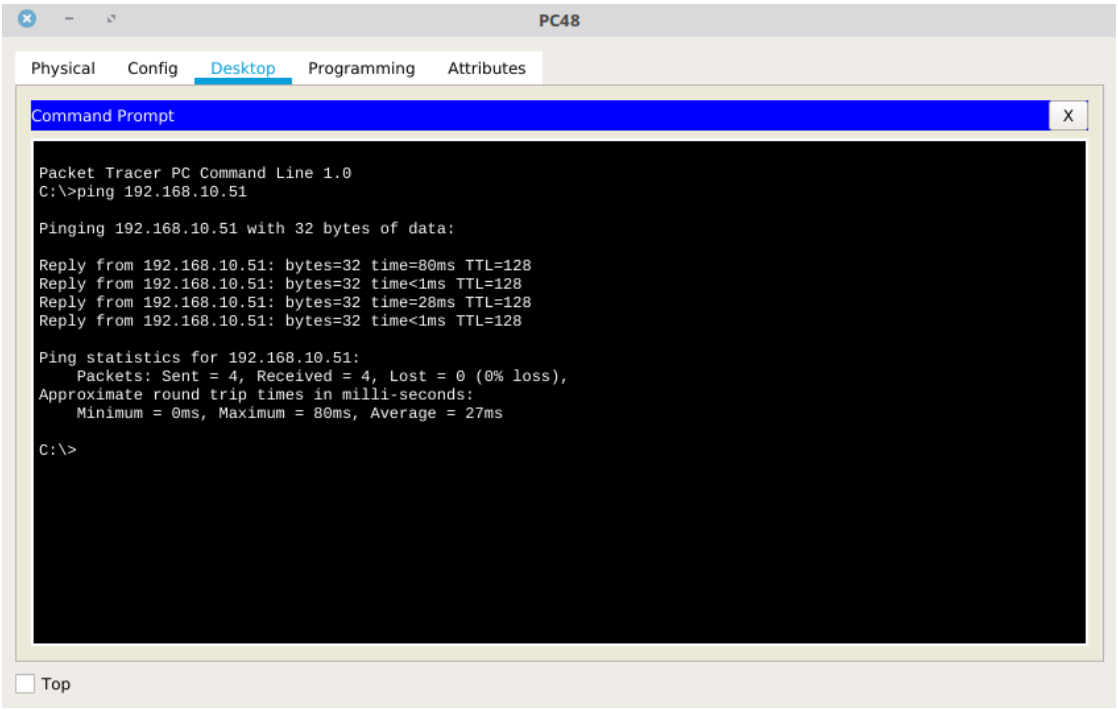
Hasil ping

c. Uji koneksi antara IP 192.168.10.31 dengan 192.168.10.41 .



Hasil ping

d. Uji koneksi antara IP 192.168.10.41 dengan 192.168.10.51 .



Hasil ping