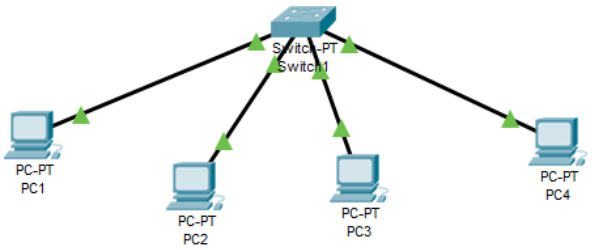
Nama : Dessy Nur Azizah

Nim : L200170016

Kelas : A

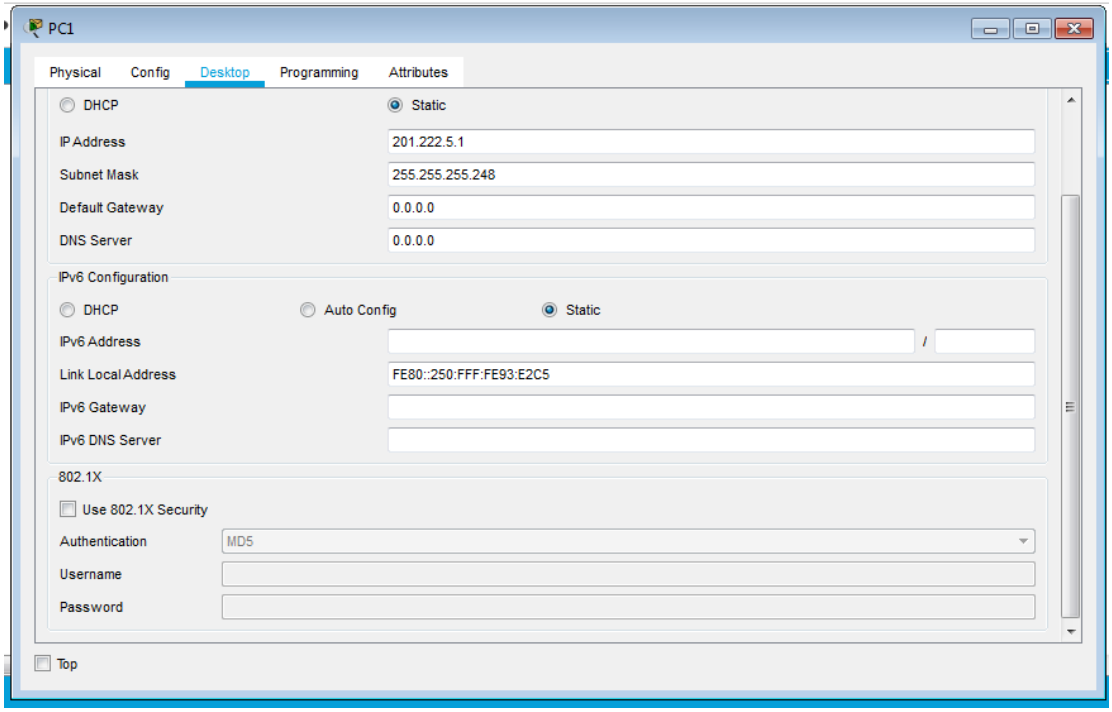
C. Kegiatan Praktikum

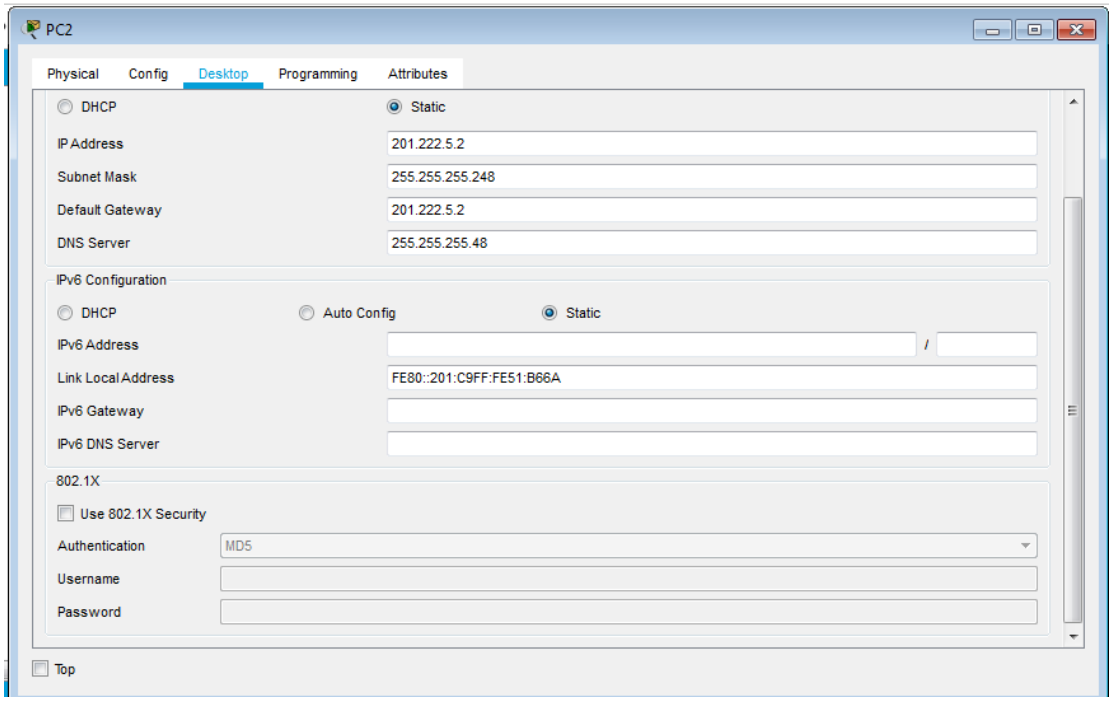
Kegiatan 1. Desain dan Konfigurasi Subnetting

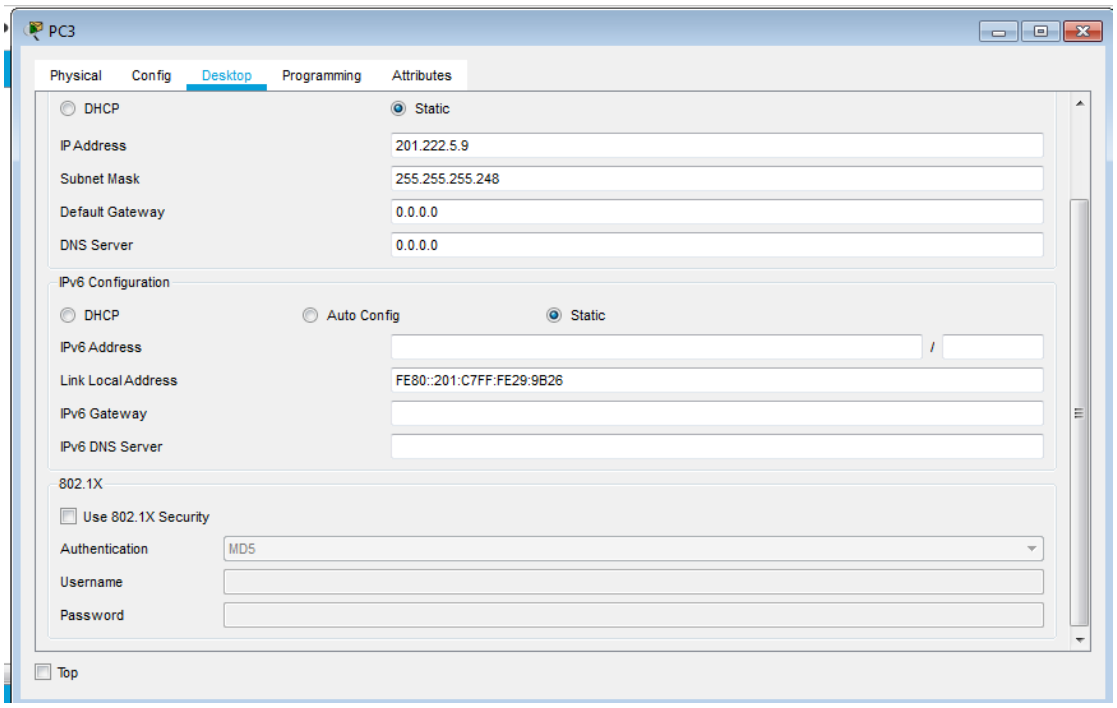


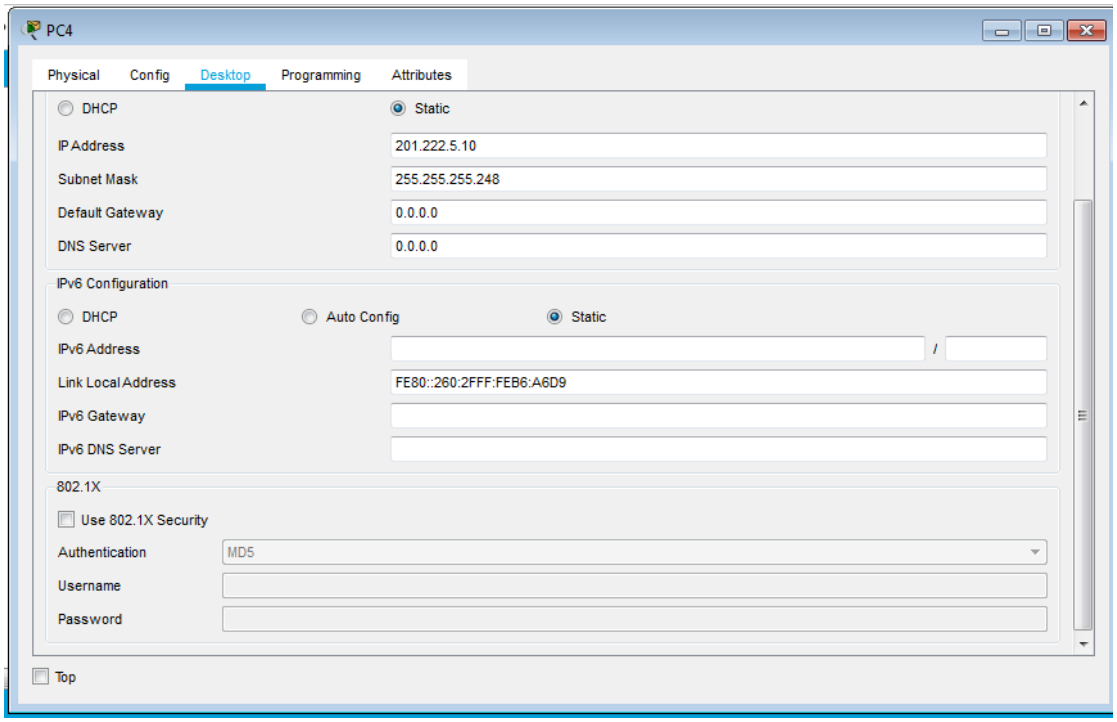
Melakukan pengaturan alamat IP pada masig-masing pc dengan mengikuti ketentuan berikut ini :

PC	IP address	Subnet Mask
1	201.222.5.1	255.255.255.48
2	201.222.5.2	
3	201.222.5.9	
4	201.222.5.10	


PC1
Physical
Config
Desktop
Programming
Attributes
DHCP
Static
IP Address
201.222.5.1
Subnet Mask
255.255.255.248
Default Gateway
0.0.0.0
DNS Server
0.0.0.0
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
Link Local Address
FE80::250:FFF:FE93:E2C5
IPv6 Gateway
IPv6 DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Username
Password
Top

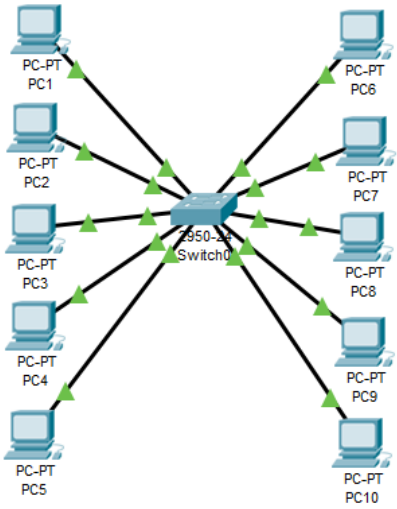

PC2
Physical
Config
Desktop
Programming
Attributes
DHCP
Static
IP Address
201.222.5.2
Subnet Mask
255.255.255.248
Default Gateway
201.222.5.2
DNS Server
255.255.255.48
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
Link Local Address
FE80::201:C9FF:FE51:B66A
IPv6 Gateway
IPv6 DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Username
Password
Top


PC3
Physical
Config
Desktop
Programming
Attributes
DHCP
Static
IP Address
201.222.5.9
Subnet Mask
255.255.255.248
Default Gateway
0.0.0.0
DNS Server
0.0.0.0
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
Link Local Address
FE80::201:C7FF:FE29:9B26
IPv6 Gateway
IPv6 DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Username
Password
Top


PC4
Physical
Config
Desktop
Programming
Attributes
DHCP
Static
IP Address
201.222.5.10
Subnet Mask
255.255.255.248
Default Gateway
0.0.0.0
DNS Server
0.0.0.0
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
Link Local Address
FE80::260:2FFF:FEB6:A6D9
IPv6 Gateway
IPv6 DNS Server
802.1X
Use 802.1X Security
Authentication
MD5
Username
Password
Top

D. Tugas Modul

a. Membuat desain jaringan



b. Menentukan subnet mask dan subnet Adress

202.155.19.0/27

11111111 11111111 11111111 11100000

Subnet mask : 255.255.255.224

- Jumlah subnet : $2^3 = 8$ subnet
- Jumlah host : $2^5 - 2 = 30$ host
- Block subnet : $256 - 224 = 32$
- Tabel subnet

Network	202.155.19.0	202.155.19.32	202.155.19.64	202.155.19.96	202.155.19.128	202.155.19.160	202.155.19.192	202.155.19.224
Host pertama	202.155.19.1	202.155.19.33	202.155.19.65	202.155.19.97	202.155.19.129	202.155.19.161	202.155.19.193	202.155.19.225
Host terakhir	202.155.19.30	202.155.19.62	202.155.19.94	202.155.19.126	202.155.19.158	202.155.19.190	202.155.19.222	202.155.19.254
Broadcast	202.155.19.31	202.155.19.63	202.155.19.95	202.155.19.127	202.155.19.159	202.155.19.191	202.155.19.223	202.155.19.225