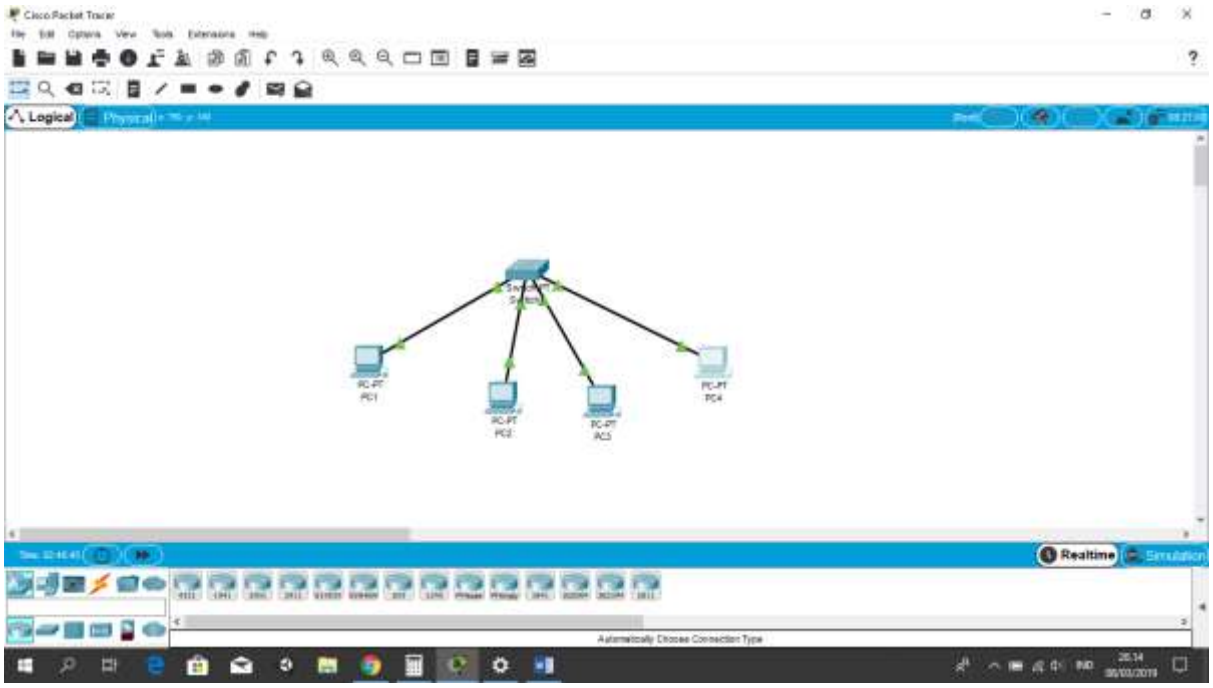
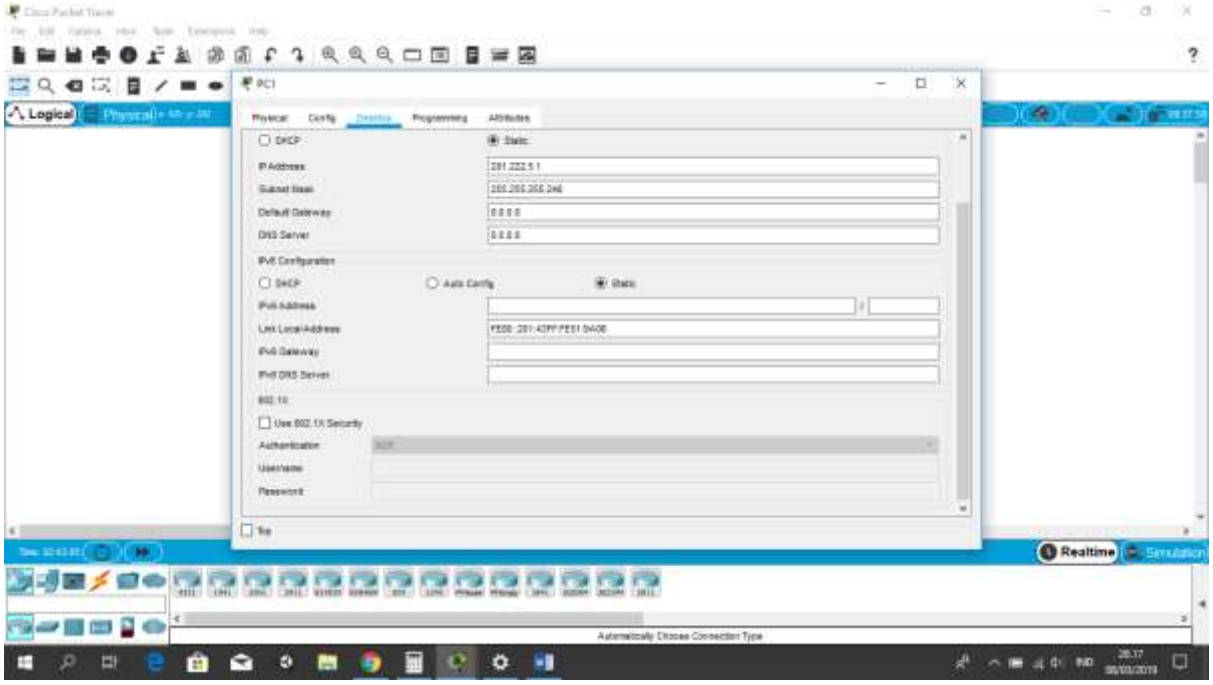
Nama : Naufal Rusada

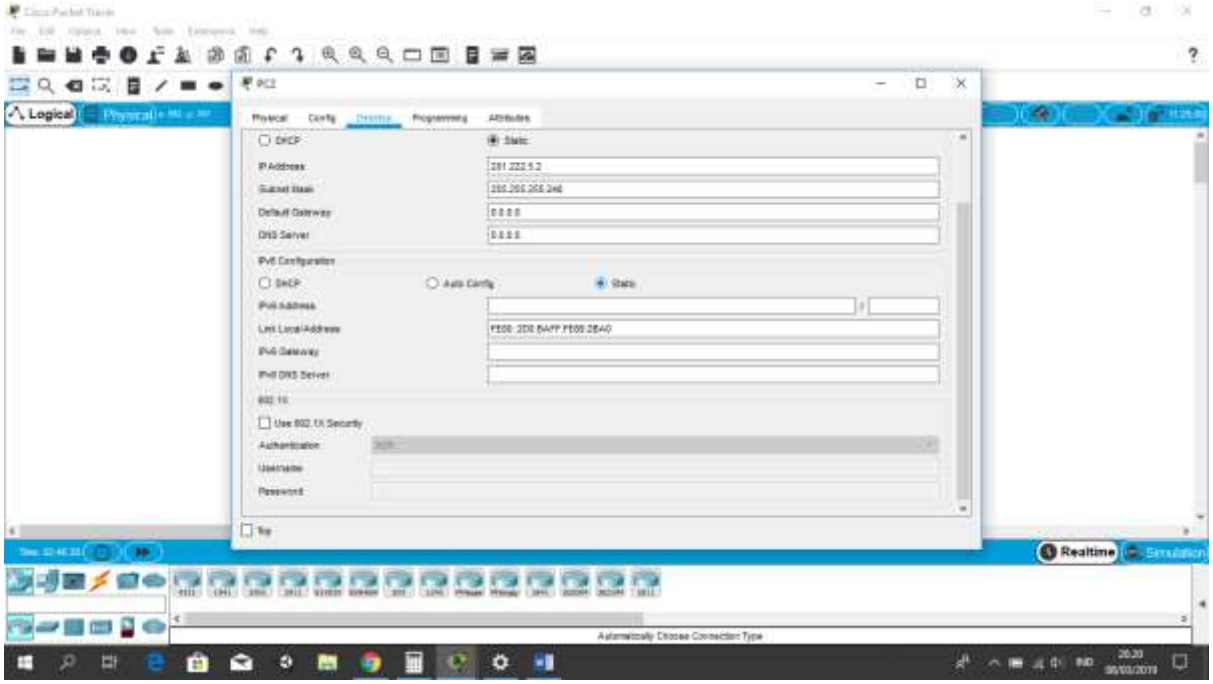
NIM : L200170034

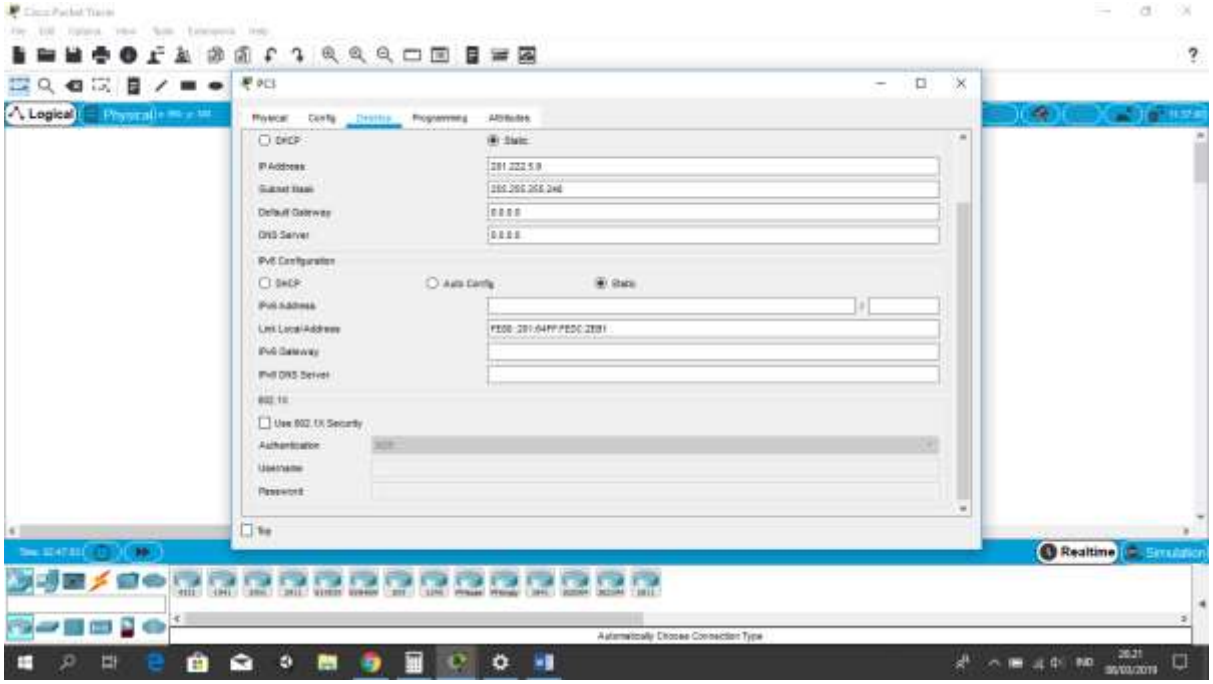
Kelas : A

# Kegiatan praktikum






PC2
Physical
Config
Desktop
Programming
Attributes
DHCP
Static
IP Address
Subnet Mask
Default Gateway
DNS Server
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
Link Local Address
IPv6 Gateway
IPv6 DNS Server
802.1X
Use 802.1X Security
Authentication
Username
Password
Top
Logical
Realtime
Simulation
Automatically Choose Connection Type


PC3
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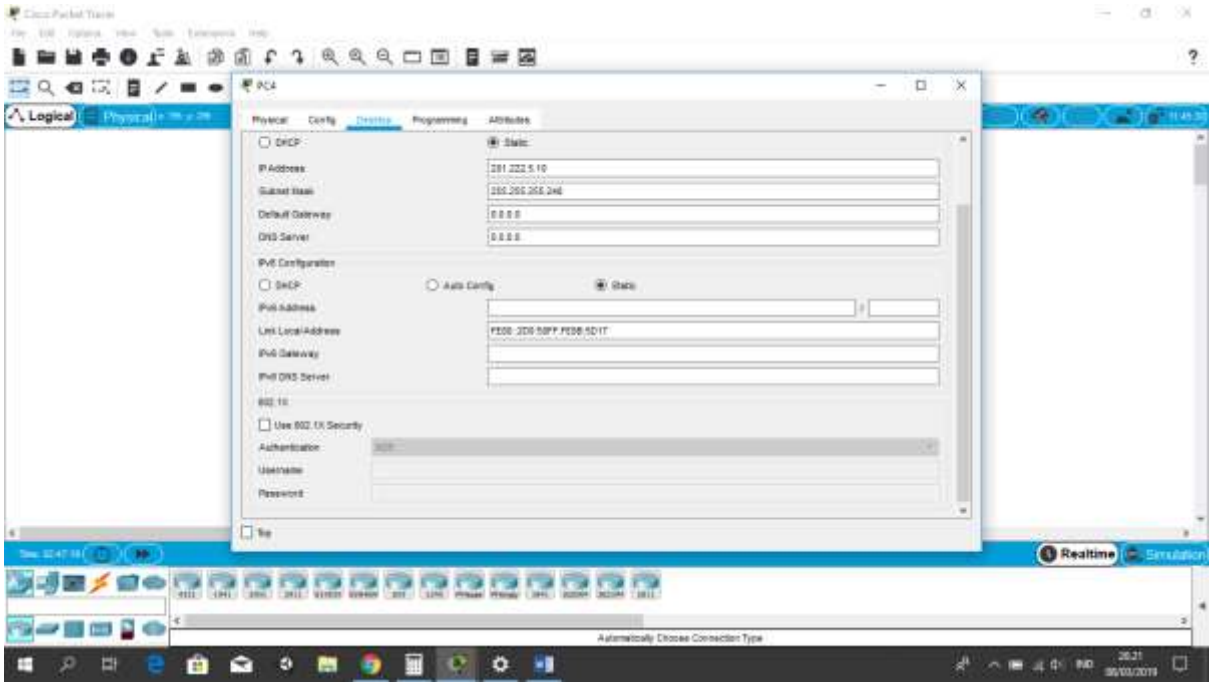
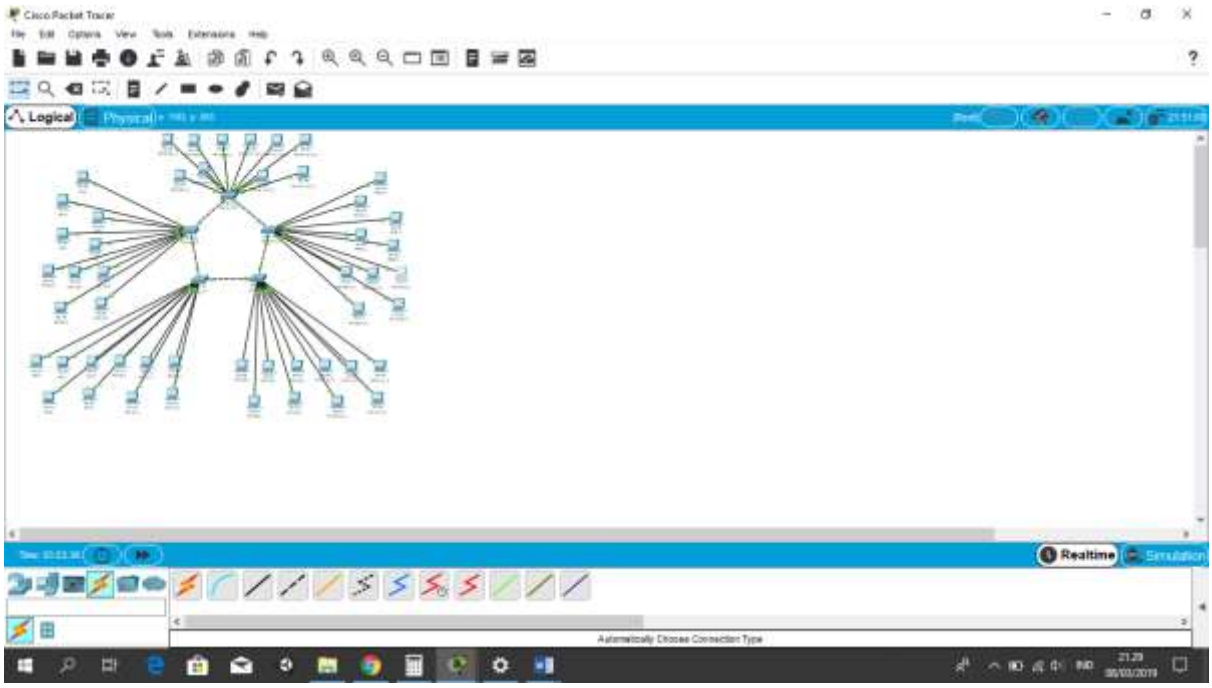


# Tugas modul

1. 

2. Subnet Mask yang digunakan yaitu 255.255.255.224
   Didapat dari pengubahan bilangan binner 00000000 pada blok terakir menjadi bilangan biner 1. IIIIIIII.IIIIIIII.IIIIIIII.00000000 -> IIIIIIII.IIIIIIII.IIIIIIII.III00000 Karena diperlukan 5 subnet, maka dengan mengubah 3 digit binner 0 menjadi binner 1 sudah didapatkan $2^3$ = 8 Subnet, dan sudah mencukupi

- **Jumlah Subnet ($2^x$):**
  $2^3$ = **8** Subnet
- **Host per Subnet ($2^y$-2 ) :**
  $2^5$-2 = **30** Host
- **Block Subnet**
  256-224 = **32** IP
- 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 |
| IP Awal | 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 |
| IP Akhir | 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 | 202.155.19.255 |