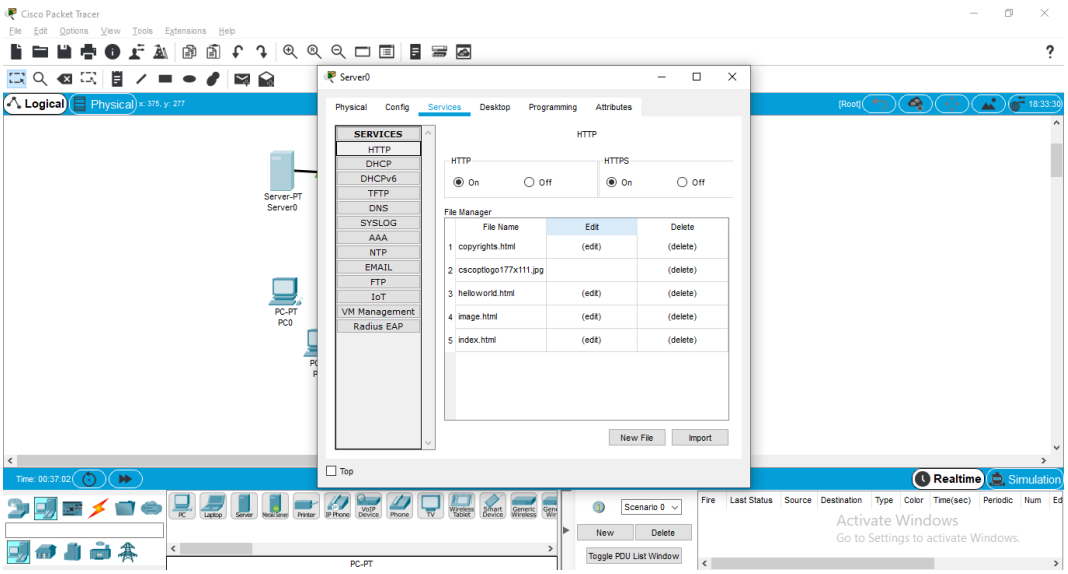
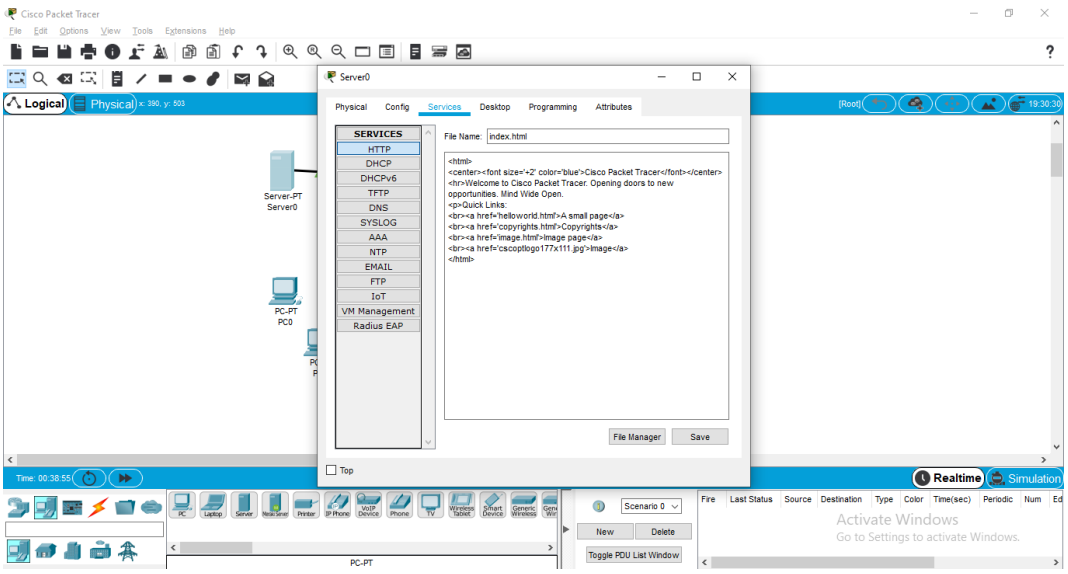
Laporan Praktikum Jarkom Pertemuan Ke-4

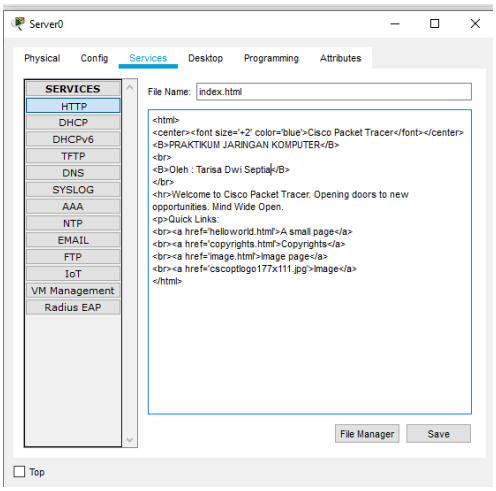
NIM : 205410126
Nama : Tarisa Dwi Septia

1. Praktik
   a. Konfigurasi computer server
      - Klik pada komputer Server
      - Pilih tab Services
      - Klik Tombol HTTP, klik tulisan (edit) di sebelah kanan index.html

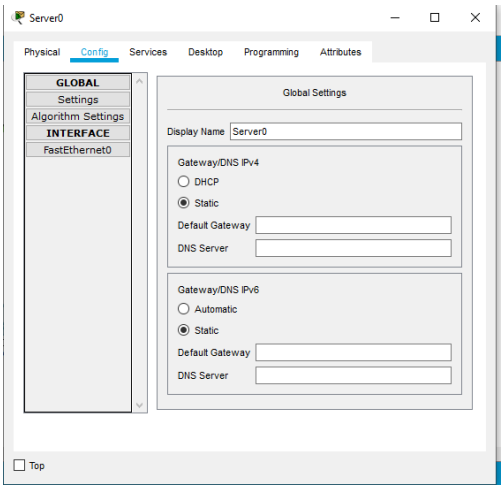




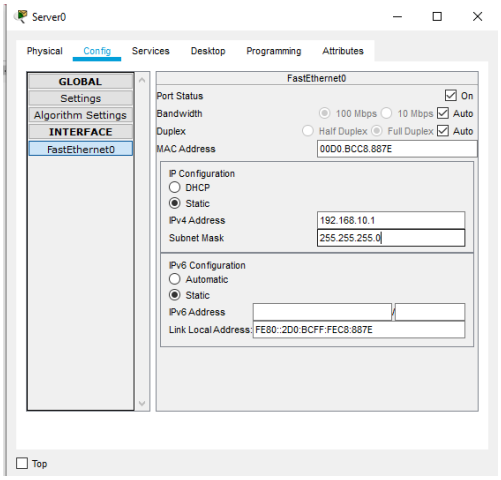
- Tambahkan kode dalam format HTML



b. Konfigurasi IP server
- Klik komputer Server
- Pilih tab Config

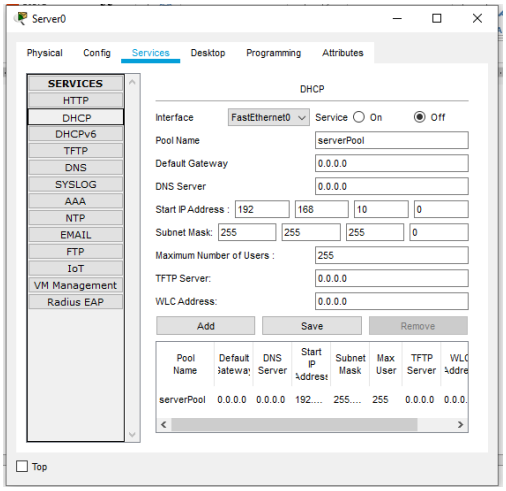


- Pilih dan Klik Interface masukan IP address = 192.168.10.1 dan Subnet Mask = 255.255.255.0



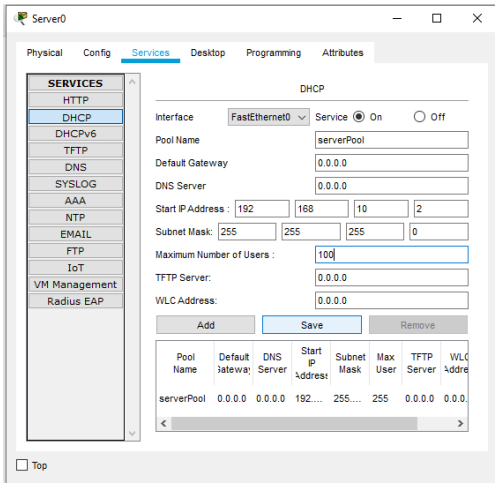
c. Konfigurasi DHCP

- Masuk ke menu Services, pilih DHCP



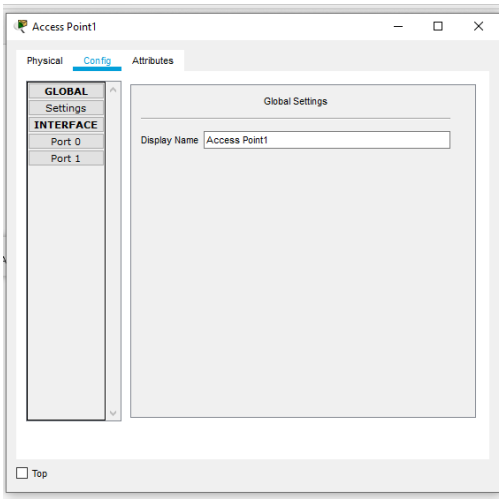
- Ubah Service ke posisi ON

- Start IP Address 192.168.10.2
- Maximum Number of Users: 100 (hanya memberikan 100 koneksi)

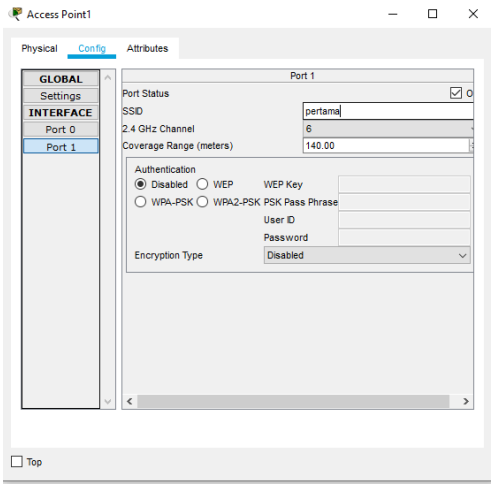


d. Konfigurasi perangkat wireless

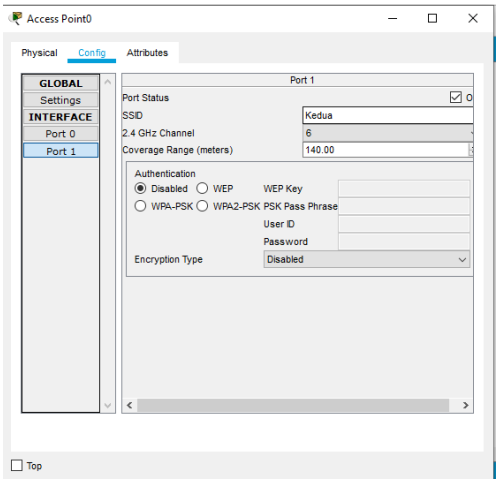
- Klik perangkat wireless, buka tab Config



- Pada Port 1, ganti nama SSID dengan yang lain

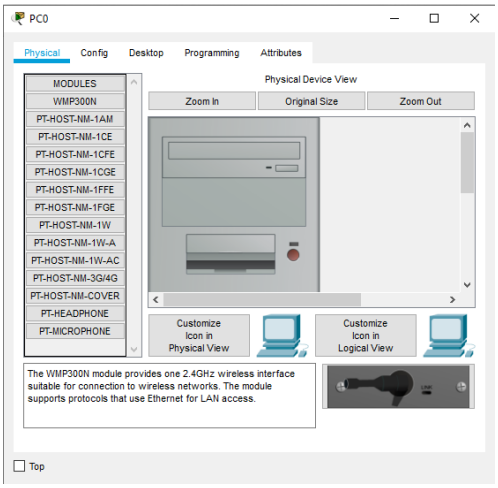


- Lakukan pada kedua perangkat



e. Konfigurasi tiap PC

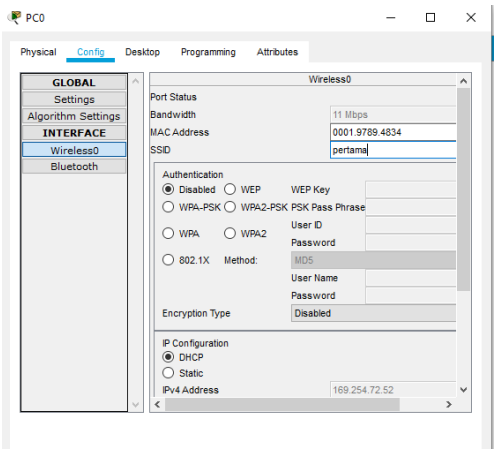
- Memeatikan PC, klik tombol merah kemudian warna lampu akan berubah hitam artinya PC sudah mati



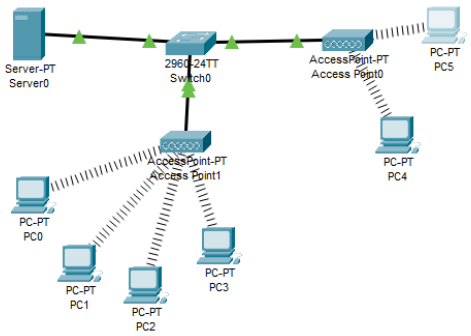
- Drag bagian seperti gambar di bawah ini, kemudian tempatkan ke sub menu modules yang ada di samping kiri

- Mengganti bagian tersebut dengan “WMP300N” dan tampilan akan berubah seperti di bawah ini

- Nyalakan kembali PC
- Pilih tab config
- Klik Wireless0, ganti nama SSID dengan yang bersesuaian sehingga tampak seperti topologi
- Lakukan di semua PC

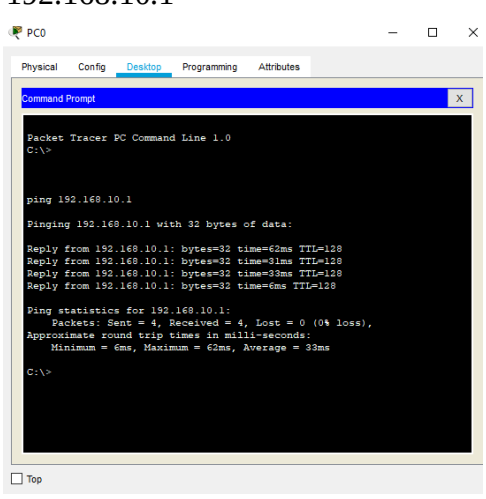


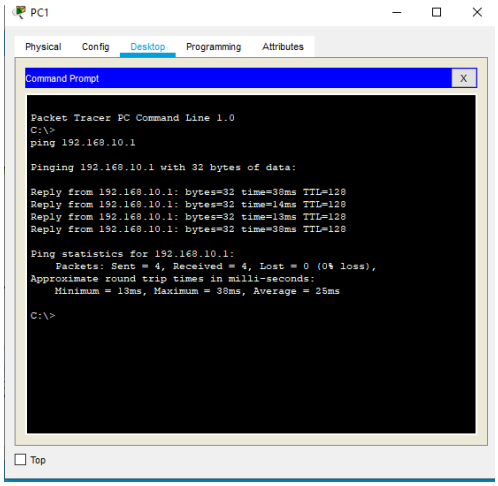
- Sehingga topologinya akan tampak seperti berikut

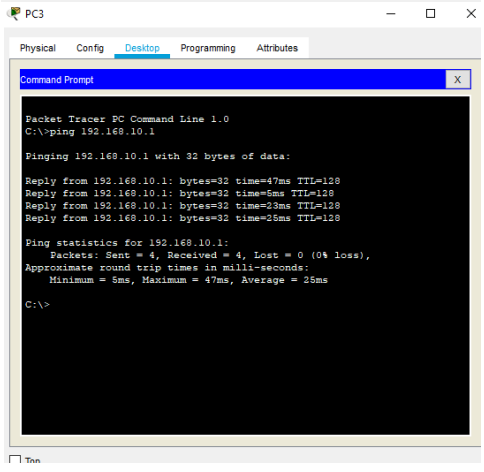


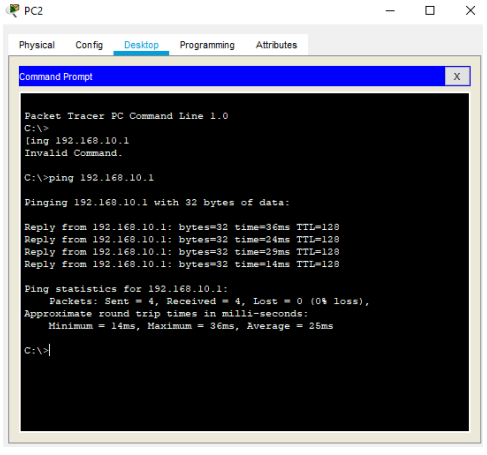
f. Pengujian

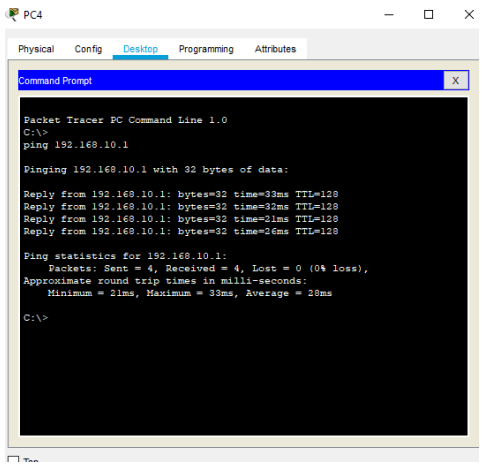
- Lakukan PING ke server, dari tiap komputer ke alamat server yaitu 192.168.10.1

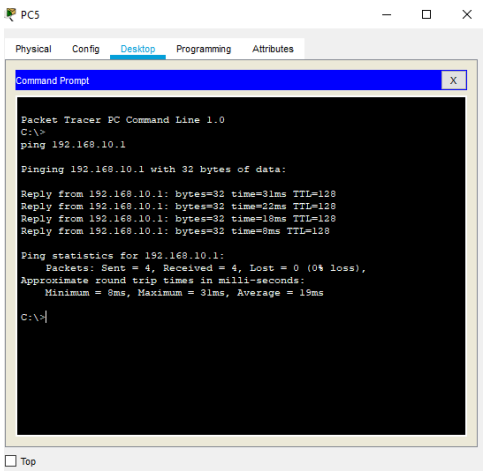




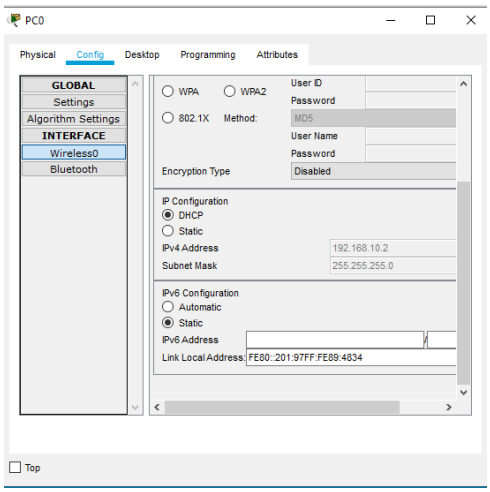


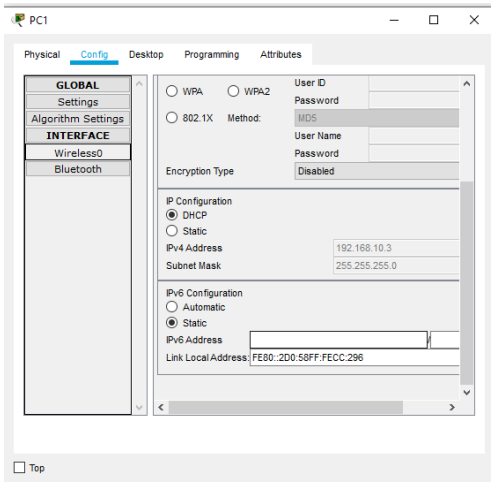


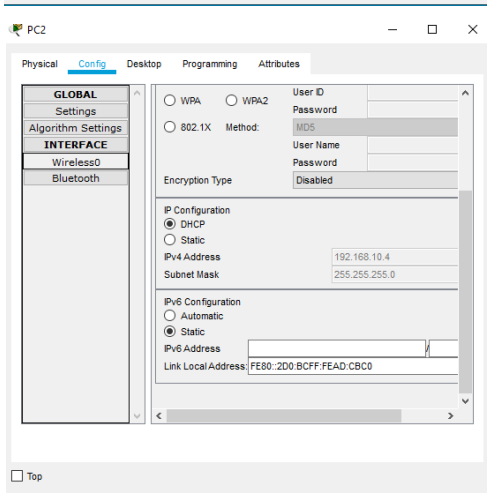


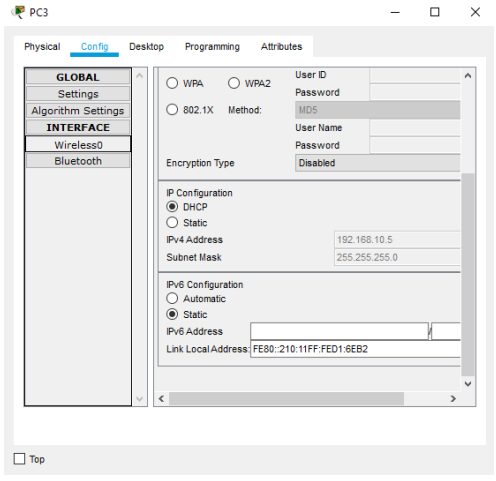


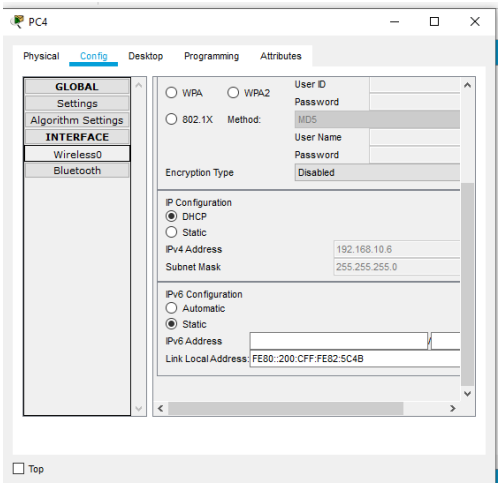
- Amati setiap penambahan PC sudahkah mendapat IP address secara otomatis

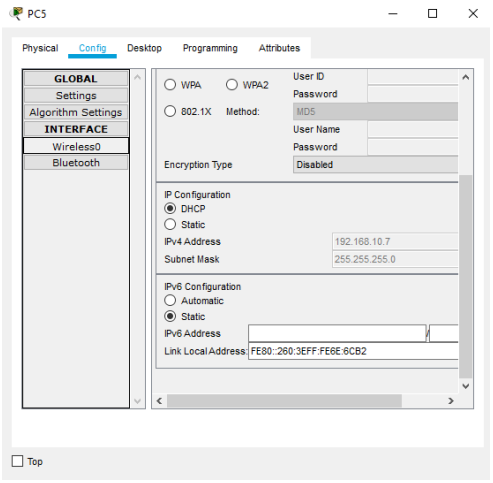




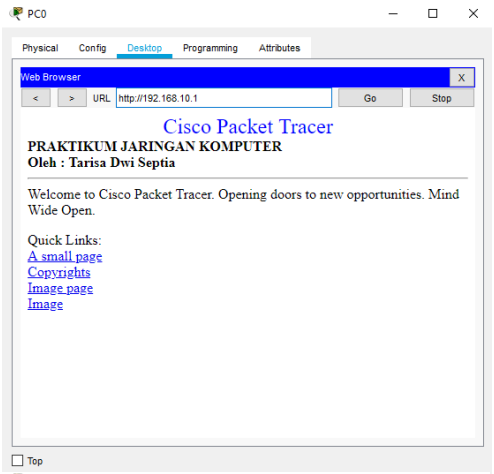


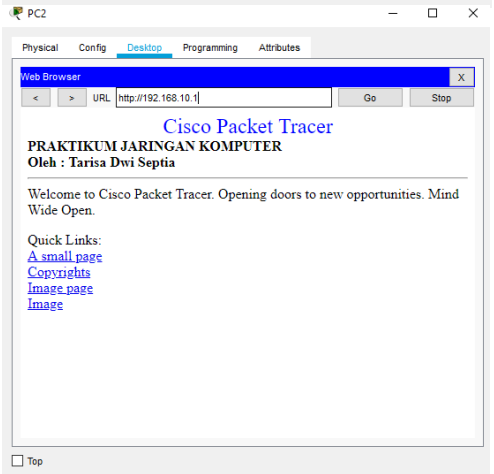


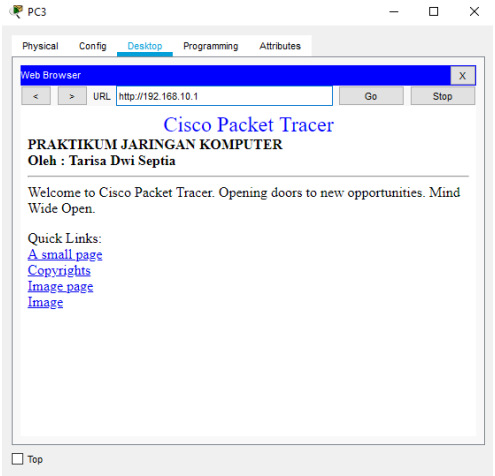


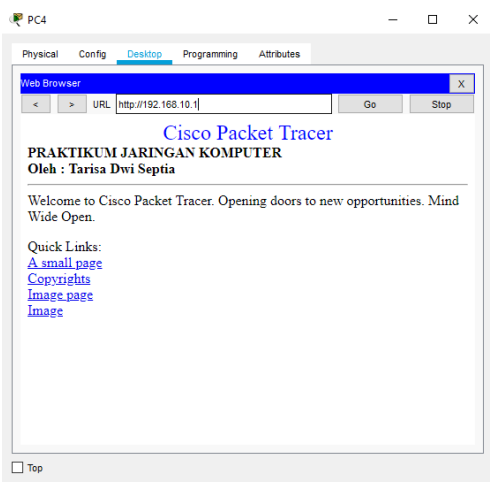


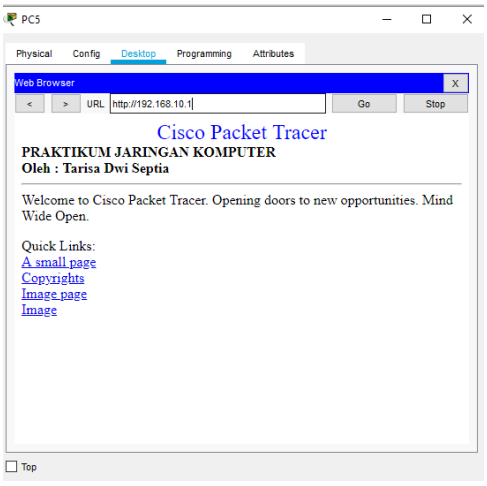
- Uji lewat browser pada menu yang terdapat di masing-masing tab Desktop yang ada di PC0, PC1, dst, dengan memasukkan alamat IP server pada browser tersebut.



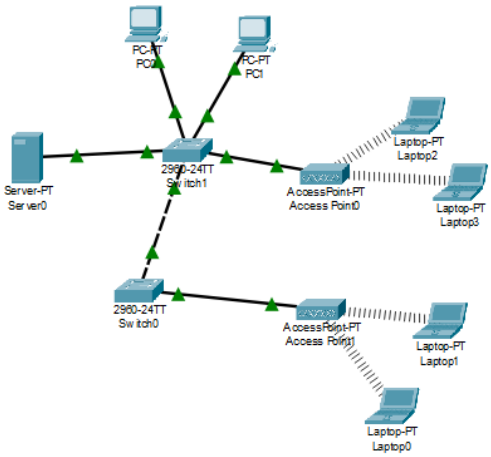




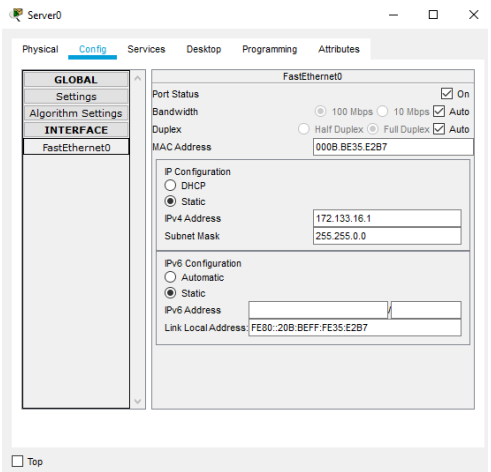




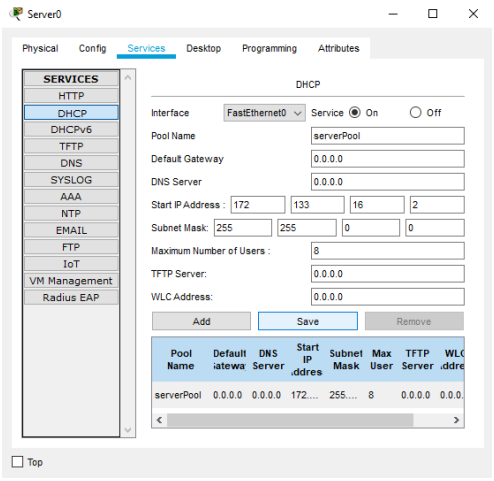
2. Tugas
    1. Membuat topologi jaringan



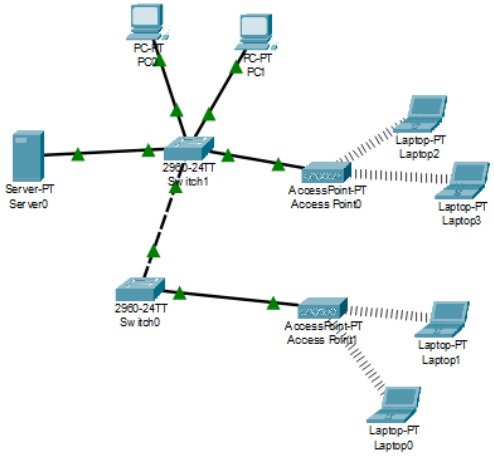
    2. Buatlah setting dengan konfigurasi berikut.
        - IP Server: 172.133.16.1, Subnet mask: 255.255.255.0



- Start IP address : 172.133.16.2 dan maxsimum number of user = 8



3. Yang harus dilakukan:
   - Capture hasil topologi jaringan Anda



   - Selidiki tiap-tiap perangkat dan lengkapi dokumentasi tabel seperti pada contoh

Device	Port/Interface	MAC Address	IP Address
Server	FastEthernet0	000B.BE35.E2B7	172.133.16.1 255.255.0.0
Switch0	FastEthernet0/1 FastEthernet0/2 FastEthernet0/3 FastEthernet0/4 FastEthernet0/5 dst	0001.C7CD.9301 0001.C7CD.9302 0001.C7CD.9303 0001.C7CD.9304 0001.C7CD.9305 dst	
Switch0	FastEthernet0/1 FastEthernet0/2 FastEthernet0/3 FastEthernet0/4 FastEthernet0/5 dst	0090.2BC9.C501 0090.2BC9.C502 0090.2BC9.C503 0090.2BC9.C504 0090.2BC9.C505 dst	
AccessPoint0	Port0 Port1		
AccessPoint1	Port0 Port1		

PC0	FastEthernet0	000D.BD02.5BC0	172.133.16.6 255.255.0.0
PC1	FastEthernet0	00E0.F76A.2621	172.133.16.7 255.255.0.0
Laptop0	Wireless0	000B.BE00.86B1	172.133.16.2 255.255.0.0
Laptop1	Wireless0	00E0.8FC0.C77D	172.133.16.3 255.255.0.0
Laptop2	Wireless0	0060.2F7D.D218	172.133.16.4 255.255.0.0
Laptop4	Wireless0	0002.161B.ABD0	172.133.16.5 255.255.0.0