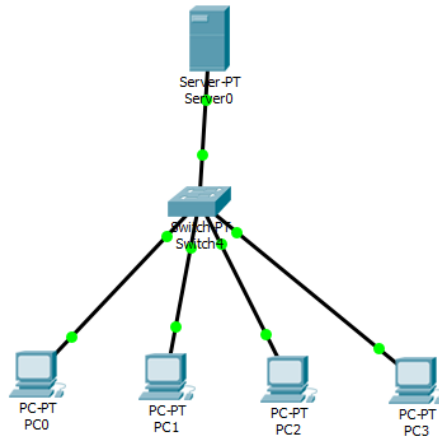


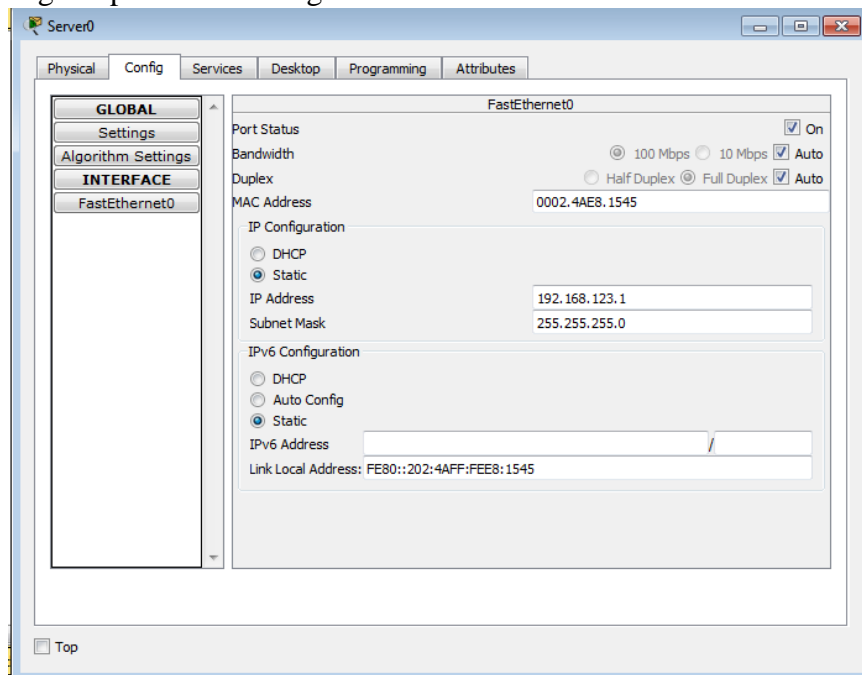
Nama : Fitri Cahya Kusumawati
NIM : L200170110
Kelas : C
Modul : 5 Kegiatan

KEGIATAN 1

1. Buat rangkaian dengan 1 switch, 1 server, dan 4 PC, lalu di sambungkan dengan kabel



2. Double klik **server0**. Pilih tab config, pada menu interface, pilih fast-ethernet. Pada bagian ip adress isi dengan 192.168.123.1 dan subet mask 255.255.255.0



3. Untuk konfigurasi dhcp server, klik server0, pilih services, pilih DHCP. Pastikan service DHCP On. Isikan ip address dengan 192.168.123.19. maximum number of users : 5, lalu pilih save.

The screenshot shows the 'Server0' configuration window with the 'Services' tab selected. On the left, a 'SERVICES' list includes HTTP, DHCP, DHCPv6, TFTP, DNS, SYSLOG, AAA, NTP, EMAIL, FTP, IoT, and VM Management. The 'DHCP' service is selected. The configuration fields are as follows:

- Interface: FastEthernet0
- Service: ☒ On, ☐ Off
- Pool Name: serverPool
- Default Gateway: 0.0.0.0
- DNS Server: 0.0.0.0
- Start IP Address: 192, 168, 123, 19
- Subnet Mask: 255, 255, 255, 0
- Maximum Number of Users: 5
- TFTP Server: 0.0.0.0
- WLC Address: 0.0.0.0

Buttons: Add, Save, Remove.

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168...	255.255...	5	0.0.0.0	0.0.0.0

4. Klik PC0, pilih desktop, lalu ip configuration, lalu pilih DHCP, masukan ip address 192.168.123.19, subnet mask 255.255.255.0.

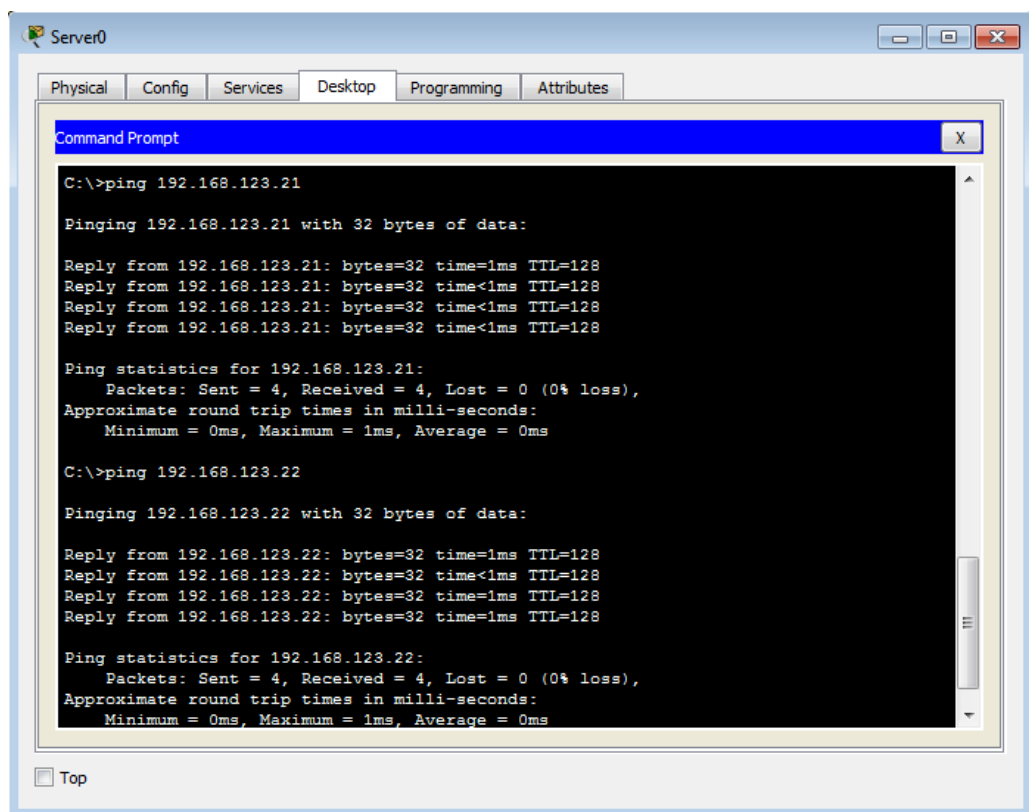
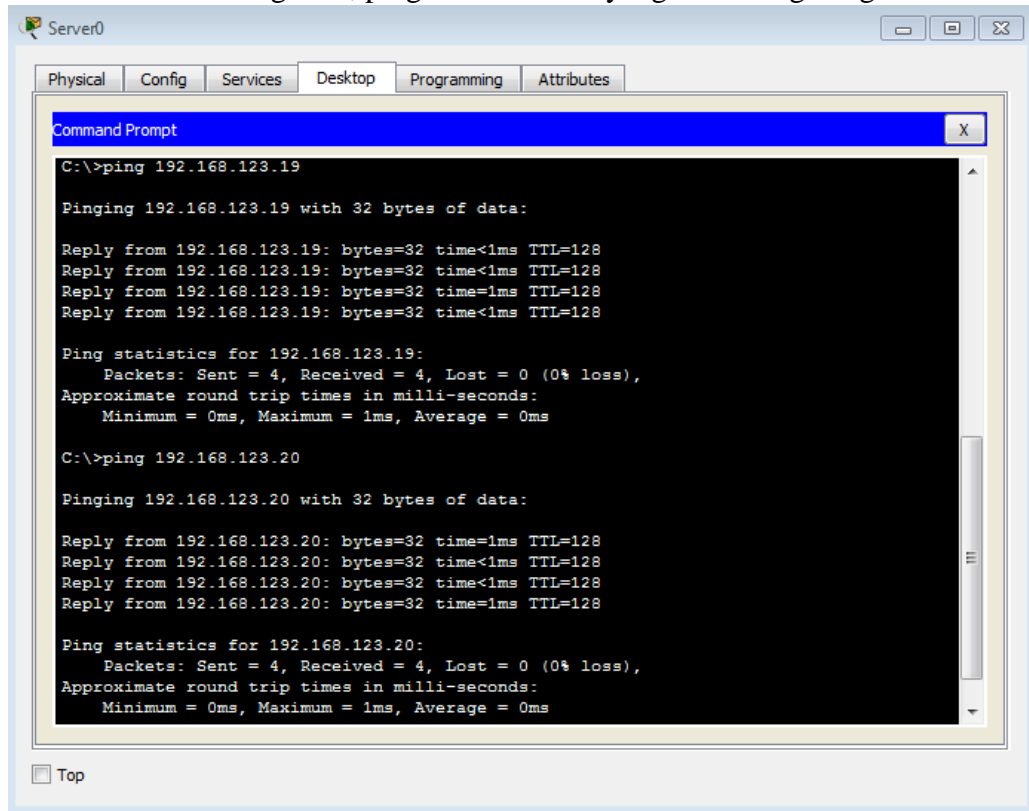
The screenshot shows the 'PC0' configuration window with the 'Desktop' tab selected. The 'IP Configuration' window is open, showing the following settings:

- IP Configuration: ☒ DHCP, ☐ Static
- IP Address: 192.168.123.19
- Subnet Mask: 255.255.255.0
- Default Gateway: 0.0.0.0
- DNS Server: 0.0.0.0

IPv6 Configuration:

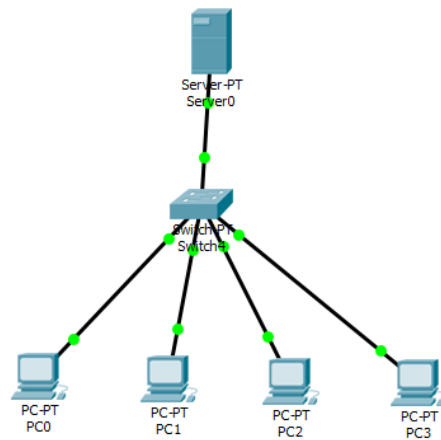
- ☐ DHCP, ☐ Auto Config, ☒ Static
- IPv6 Address: /
- Link Local Address: FE80::2E0:A3FF:FEA1:C243
- IPv6 Gateway:
- IPv6 DNS Server:

- Setelah selesai konfigurasi, ping ke semua PC yang terhubung dengan server DHCP.

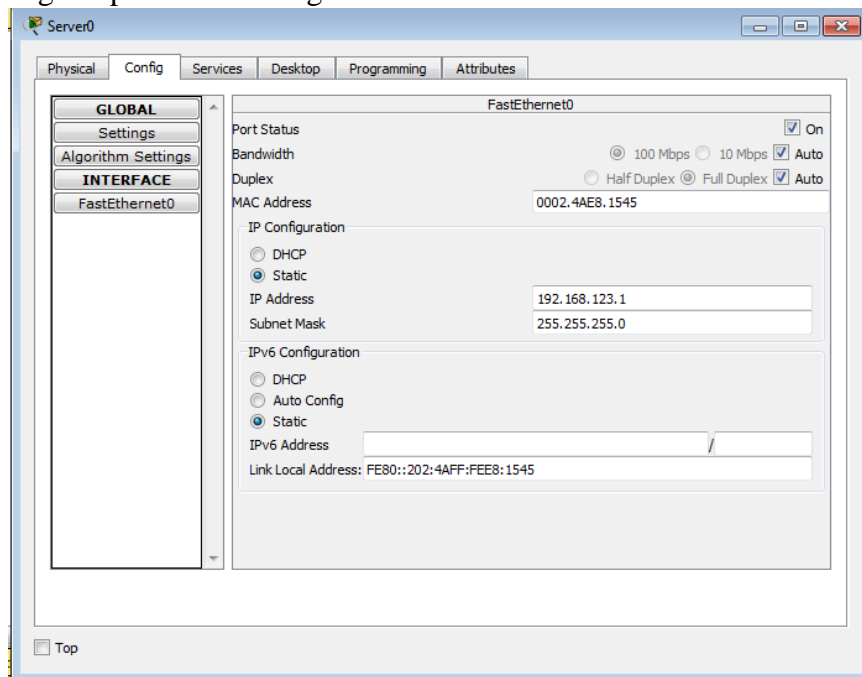


KEGIATAN 2

1. Buat rangkaian dengan 1 switch, 1 server, dan 4 PC, lalu di sambungkan dengan kabel



2. Double klik **server0**. Pilih tab config, pada menu interface, pilih fast-ethernet. Pada bagian ip adress isi dengan 192.168.123.1 dan subet mask 255.255.255.0



- Untuk konfigurasi dhcp server, klik server0, pilih services, pilih DHCP. Pastikan service DHCP On. Isikan ip address dengan 192.168.123.19. maximum number of users : 5, lalu pilih save.

The screenshot shows the 'Server0' configuration window with the 'Services' tab selected. On the left, a 'SERVICES' list includes HTTP, DHCP, DHCPv6, TFTP, DNS, SYSLOG, AAA, NTP, EMAIL, FTP, IoT, and VM Management. The 'DHCP' service is configured with the following settings:

- Interface: FastEthernet0
- Service: ☒ On, ☐ Off
- Pool Name: serverPool
- Default Gateway: 0.0.0.0
- DNS Server: 0.0.0.0
- Start IP Address: 192, 168, 123, 19
- Subnet Mask: 255, 255, 255, 0
- Maximum Number of Users: 5
- TFTP Server: 0.0.0.0
- WLC Address: 0.0.0.0

Buttons for 'Add', 'Save', and 'Remove' are present. Below the configuration fields is a table showing the DHCP pool configuration:

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168...	255.255...	5	0.0.0.0	0.0.0.0

- Klik PC0, pilih desktop, lalu ip configuration, lalu pilih DHCP, masukan ip address 192.168.123.19, subnet mask 255.255.255.0.

The screenshot shows the 'PC0' configuration window with the 'Desktop' tab selected. The 'IP Configuration' section is active, showing the following settings:

- IP Configuration: ☒ DHCP, ☐ Static
- IP Address: 192.168.123.19
- Subnet Mask: 255.255.255.0
- Default Gateway: 0.0.0.0
- DNS Server: 0.0.0.0

The 'IPv6 Configuration' section is also visible, with settings for DHCP, Auto Config, and Static IP addresses.

5. Double klik **server0**, pilih config, lalu HTTP. Dan service On. Lalu ketikan sesuatu di index.html
6. Melakukan browsing http. Double klik PC0, pilih desktop, lalu web browser. Ketik <http://192.168.123.1>. Maka akan muncul seperti berikut

