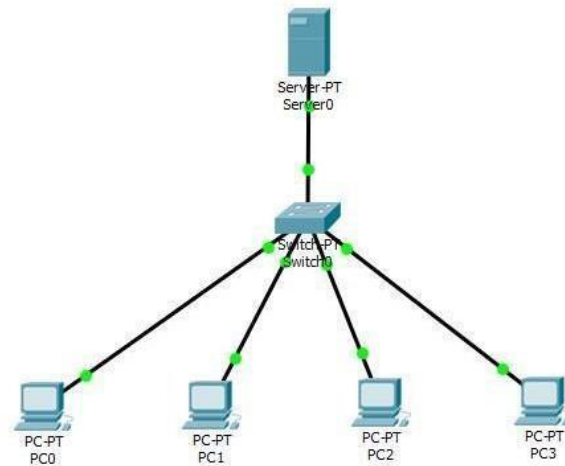
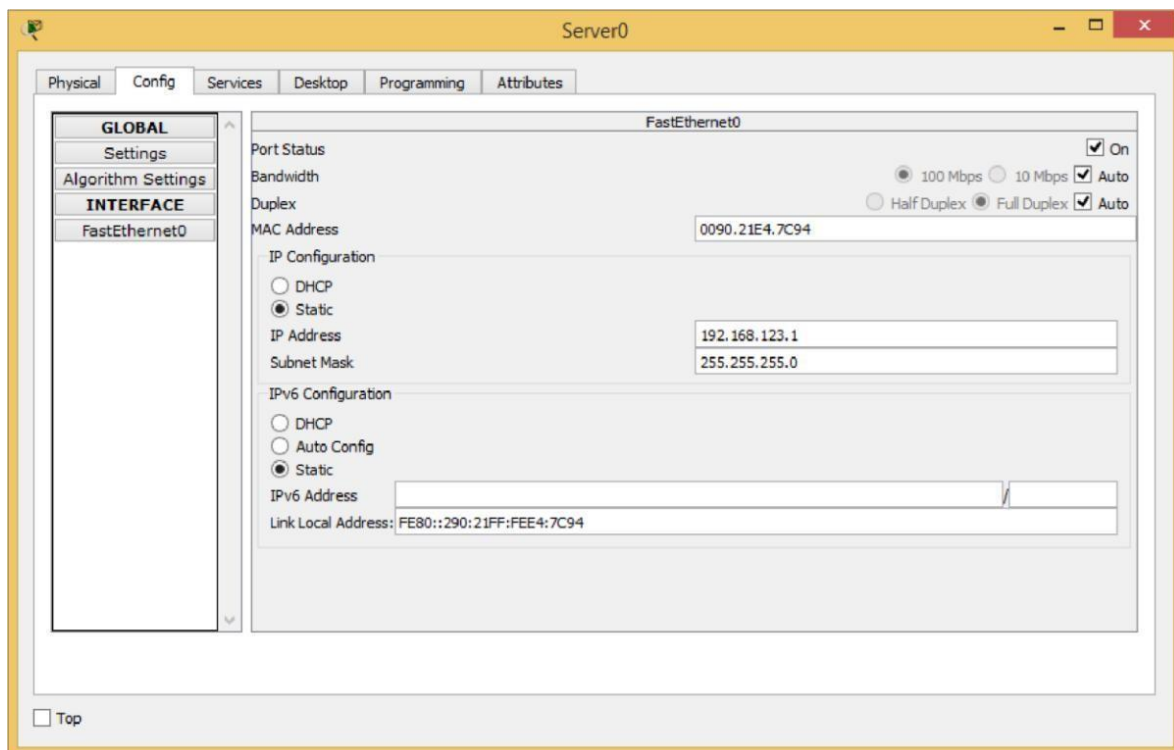


Nama : Kemas Muhammad Kevin  
NIM : L200184033  
Kelas : E

## 1. PRAKTIKUM 1 MEMBUAT DHCP SERVER



Double-klik Svrer0 pilih tab config, pada menu interface, pilih Fast-Ethernet. Pada bagian IP Configuration, isikan dengan IP address server 192.168.123.1



- Pada menu servis klik DHCP dan klik On. Isi start IP address dengan 192.168.123.19 dan maximum number of users 5.

The screenshot shows the 'Server0' configuration window with the 'Services' tab selected. On the left, a 'SERVICES' list has 'DHCP' highlighted. The main area is titled 'DHCP' and shows the 'FastEthernet0' interface with the 'Service' radio button set to 'On'. The configuration fields are as follows:

- 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

Below the fields are 'Add', 'Save', and 'Remove' buttons. At the bottom, a table lists the configured DHCP pool:

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	192.168.123...	255.255.255.0	5	0.0.0.0	0.0.0.0

A 'Top' button is located at the bottom left of the window.

- Pada sisi client pastikan pilihan radio button pada pilihan DHCP.

The screenshot shows the 'PC0' configuration window with the 'IP Configuration' tab selected. The 'IP Configuration' section has the 'DHCP' radio button selected. The configuration fields are as follows:

- 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 has the 'Static' radio button selected. The configuration fields are as follows:

- IPv6 Address: (empty)
- Link Local Address: FE80::2E0:B0FF:FE44:5462
- IPv6 Gateway: (empty)
- IPv6 DNS Server: (empty)

A 'Top' button is located at the bottom left of the window.



PC1



Physical Config Desktop Programmg Attributes

IP Configuraton

☒ DHCP

Stabc

IP Address

SubnetMask

Default Gate'ay

DNS Servn

IPv6 Configuraton

HCP

AtJtO Config

•. Sta0c

IPv-6 Address

Link Local Address

FE80::200:1=FF1=:FEE0:¥559

IPv6 Gate'ay

IP 6 DNS Serb'er

Top

PC2



Phyuical Config Desktop Programming Attributes

IP Configuraton

☒ DHCP

Slade

IP Addr ess

Subnet Mask

Default Gate'ay

DNS Server

IPy6 Configuratori

DHCP

Auto Config

ñ Stacc

IPv6 Address

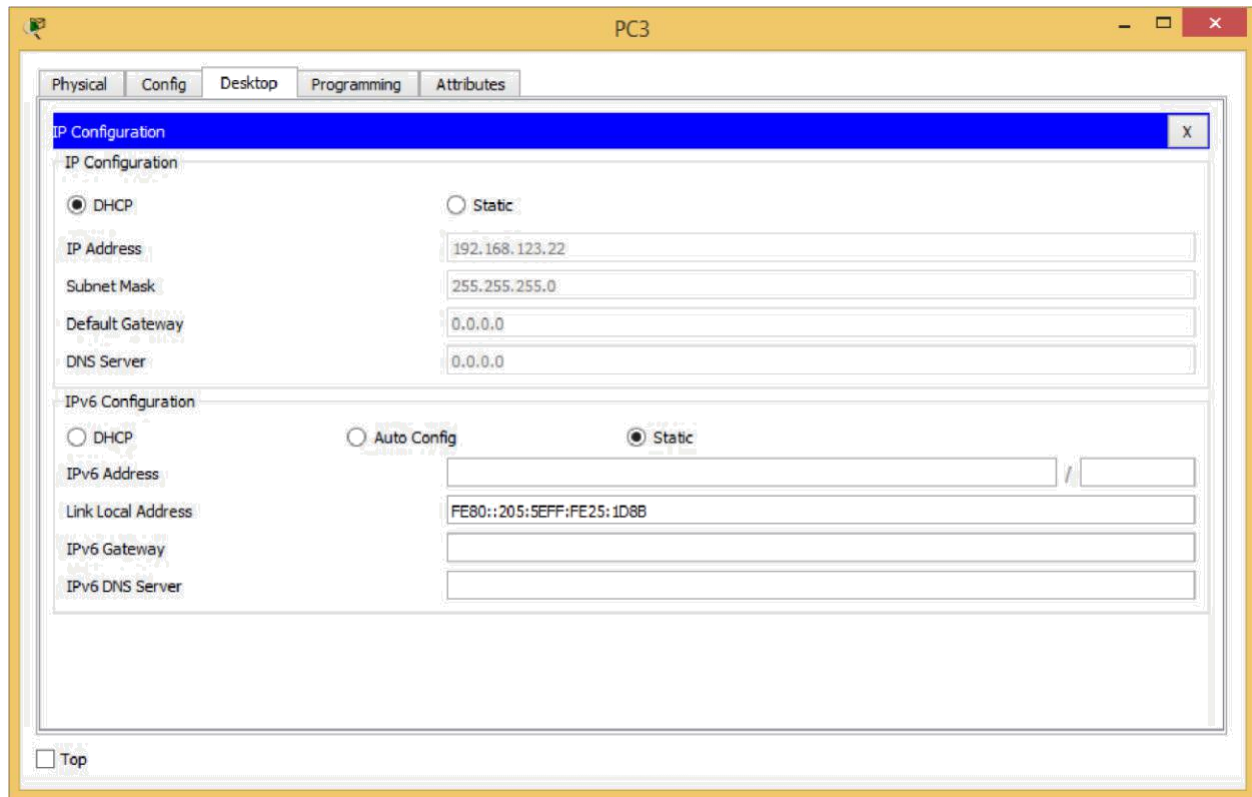
LinL Local Address

FE80::2D0:97FF:FEB:DD93

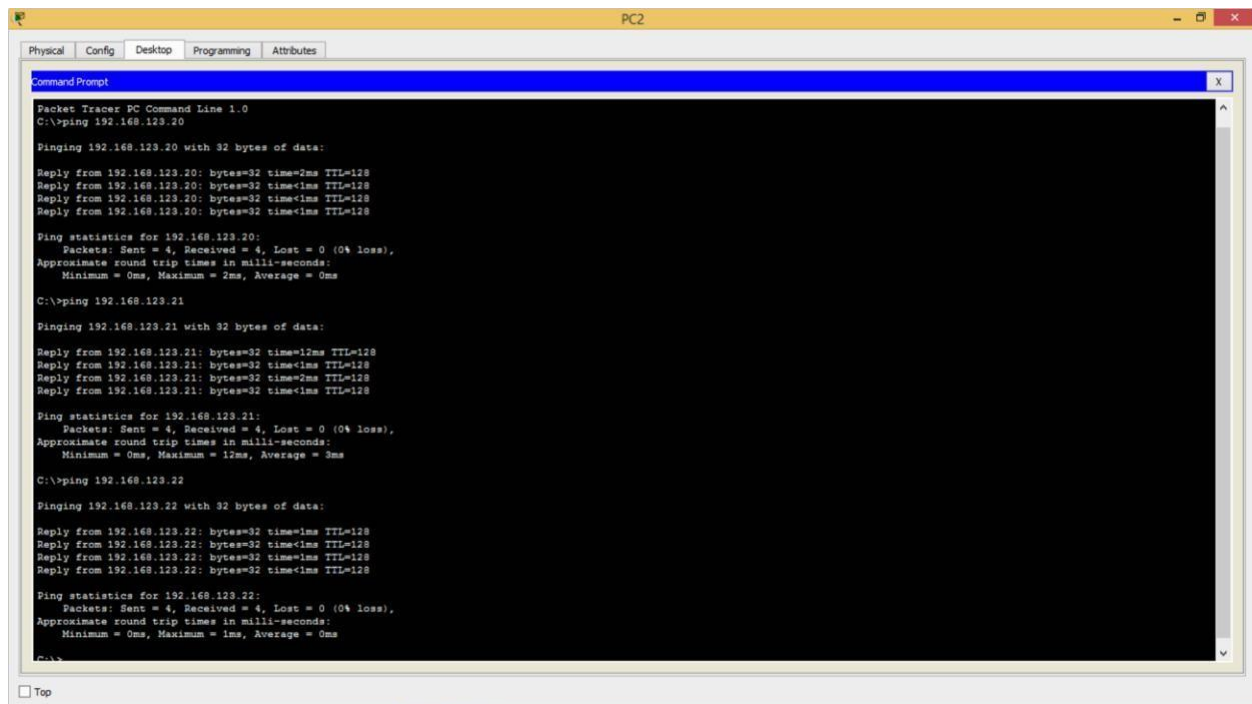
IPv6 Gate'ay

IPv6 DNS Server

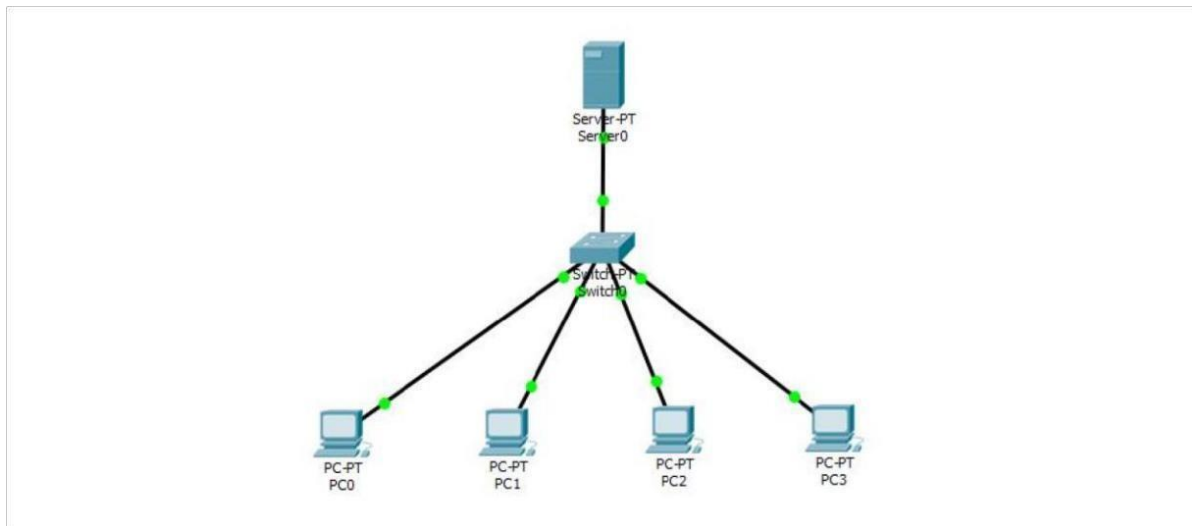
Top



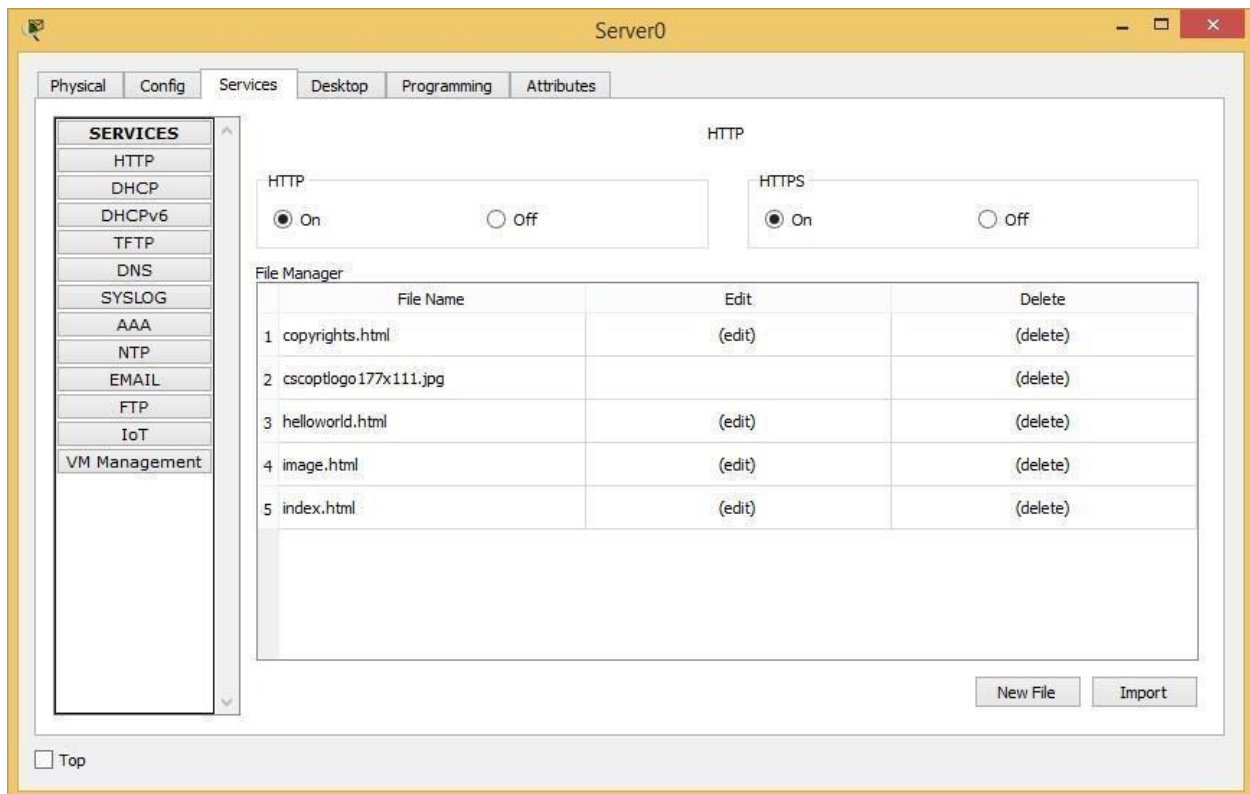
➤ Setelah selesai konfigurasi semua, lakukan ping pada semua PC.



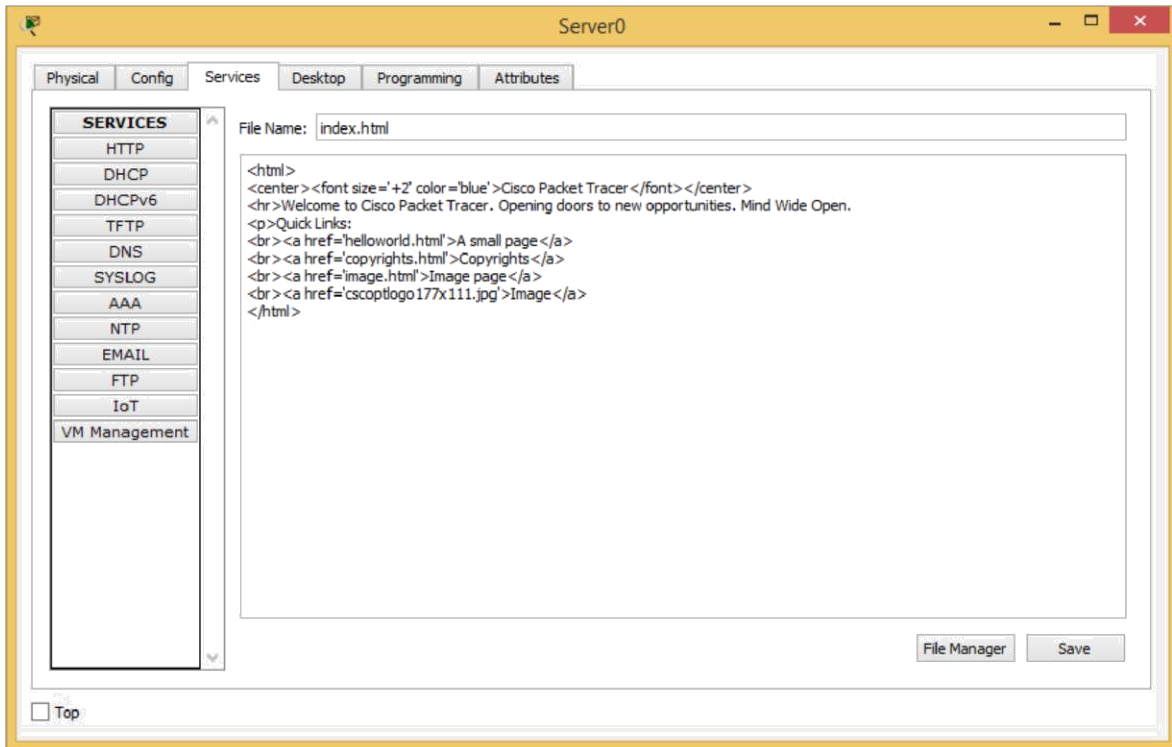
## 2. PRAKTIKUM 2 MEMBUAT WEB SERVER



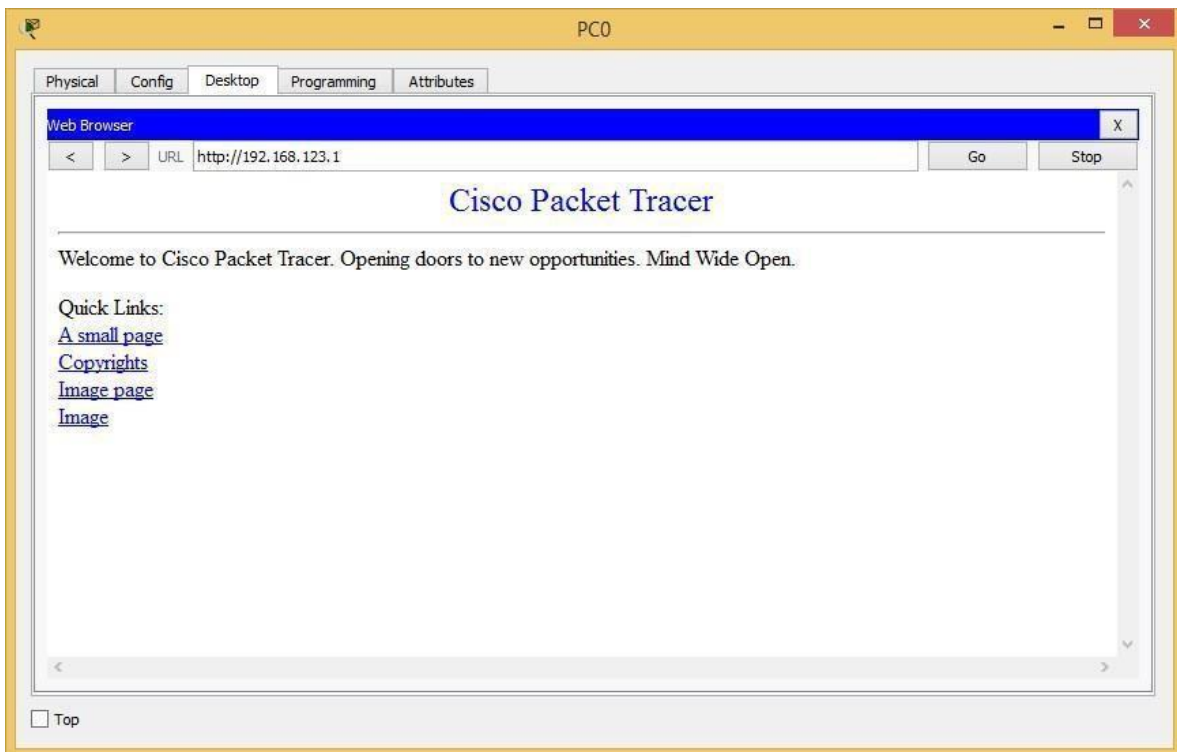
- Pastikan rancangan sudah tersetting sama seperti kegiatan 1
- Masuk ke Server0, pilih Services pilih HTTP. Pastikan radio button pada service HTTP pada pilihan On



- Lalu ubah index.html sesuai yang diinginkan

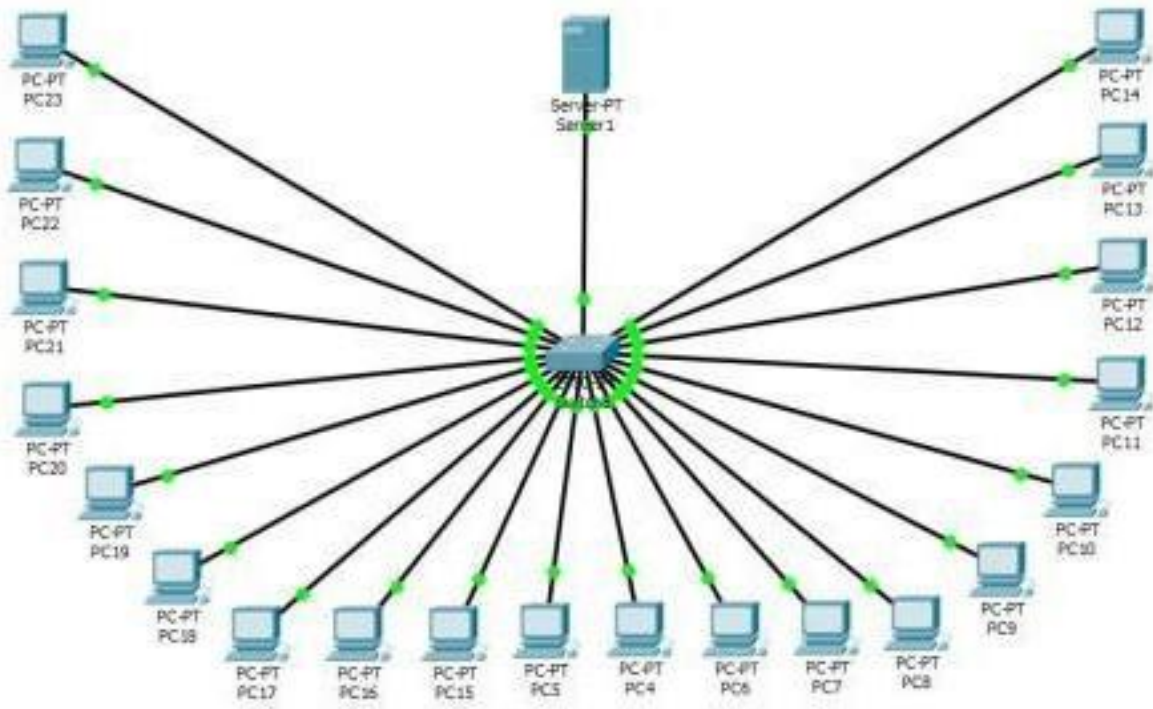


- Melakukan browsing HTTP. Double klik pada PC0, pilih Desktop, pilih Web Browser. Ketikkan IP address 192.168.123.1 di field url



# TUGAS

## 1. Membuat DHCP server dengan client terdiri dari 20 PC





## Atur IP config Server

The screenshot shows the 'Config' tab for 'FastEthernet0' in the 'Server1' window. The 'IP Configuration' section has 'Static' selected. The 'IPv6 Configuration' section has 'Static' selected. The 'Link Local Address' is 'FE80::2D0:BAFF:FE69:3C22'.

Port Status: ☒ On  
Bandwidth: ☒ 100 Mbps ☐ 10 Mbps ☒ Auto  
Duplex: ☐ Half Duplex ☒ Full Duplex ☒ Auto  
MAC Address: 00D0.BA69.3C22  
IP Configuration:  
☐ DHCP  
☒ Static  
IP Address: 192.168.123.1  
Subnet Mask: 255.255.255.0  
IPv6 Configuration:  
☐ DHCP  
☐ Auto Config  
☒ Static  
IPv6 Address:   
Link Local Address: FE80::2D0:BAFF:FE69:3C22



Pada menu servis klik DHCP dan klik On. Isi start IP address dengan 192.168.123.30 dan maximum number of users 31.

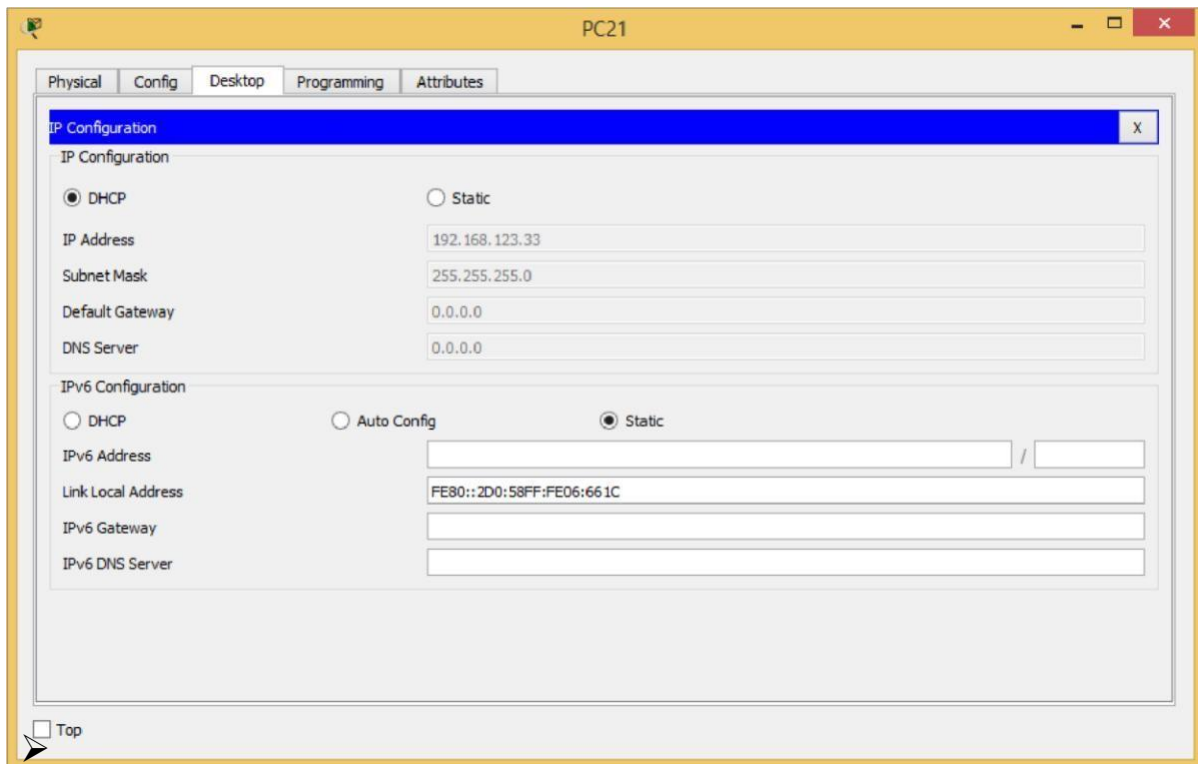
The screenshot shows the 'Services' tab for 'DHCP' in the 'Server1' window. The 'Interface' is 'FastEthernet0' and the 'Service' is 'On'. The 'Pool Name' is 'serverPool'. The 'Default Gateway' is '0.0.0.0'. The 'DNS Server' is '0.0.0.0'. The 'Start IP Address' is '192.168.123.30'. The 'Subnet Mask' is '255.255.255.0'. The 'Maximum Number of Users' is '31'. The 'TFTP Server' is '0.0.0.0'. The 'WLC Address' is '0.0.0.0'.

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 30  
Subnet Mask: 255 255 255 0  
Maximum Number of Users: 31  
TFTP Server: 0.0.0.0  
WLC Address: 0.0.0.0  
Add Save Remove  

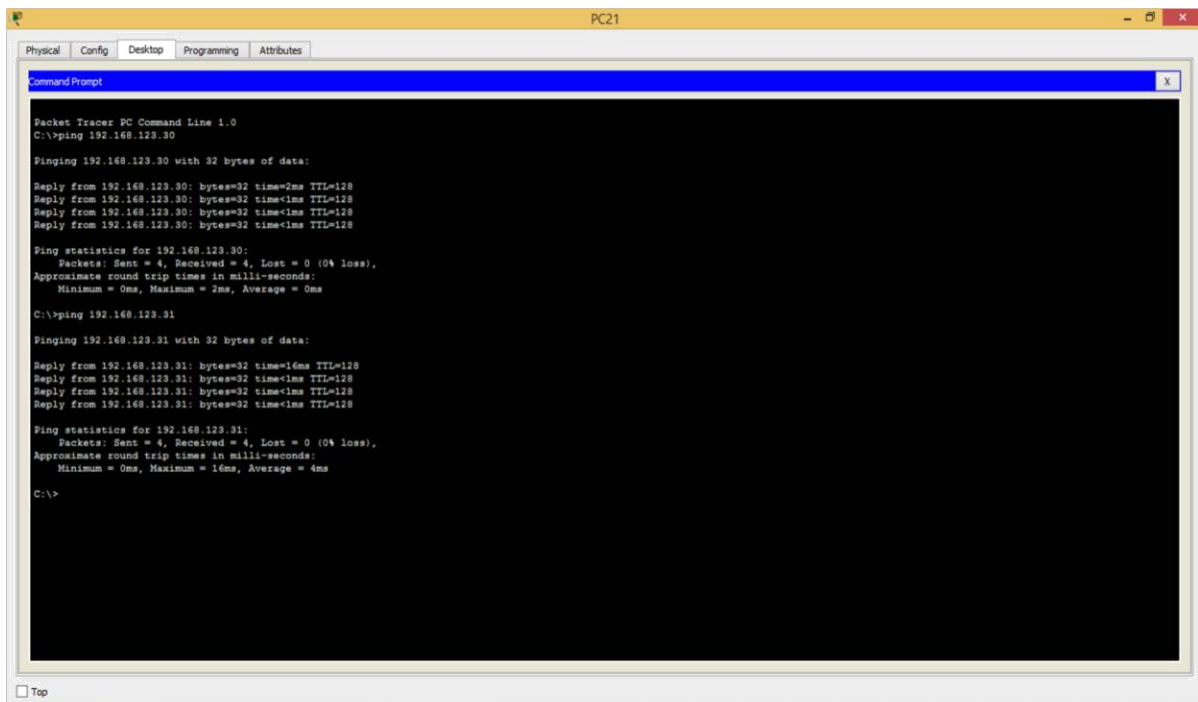
Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168.123...	255.255.255.0	31	0.0.0.0	0.0.0.0



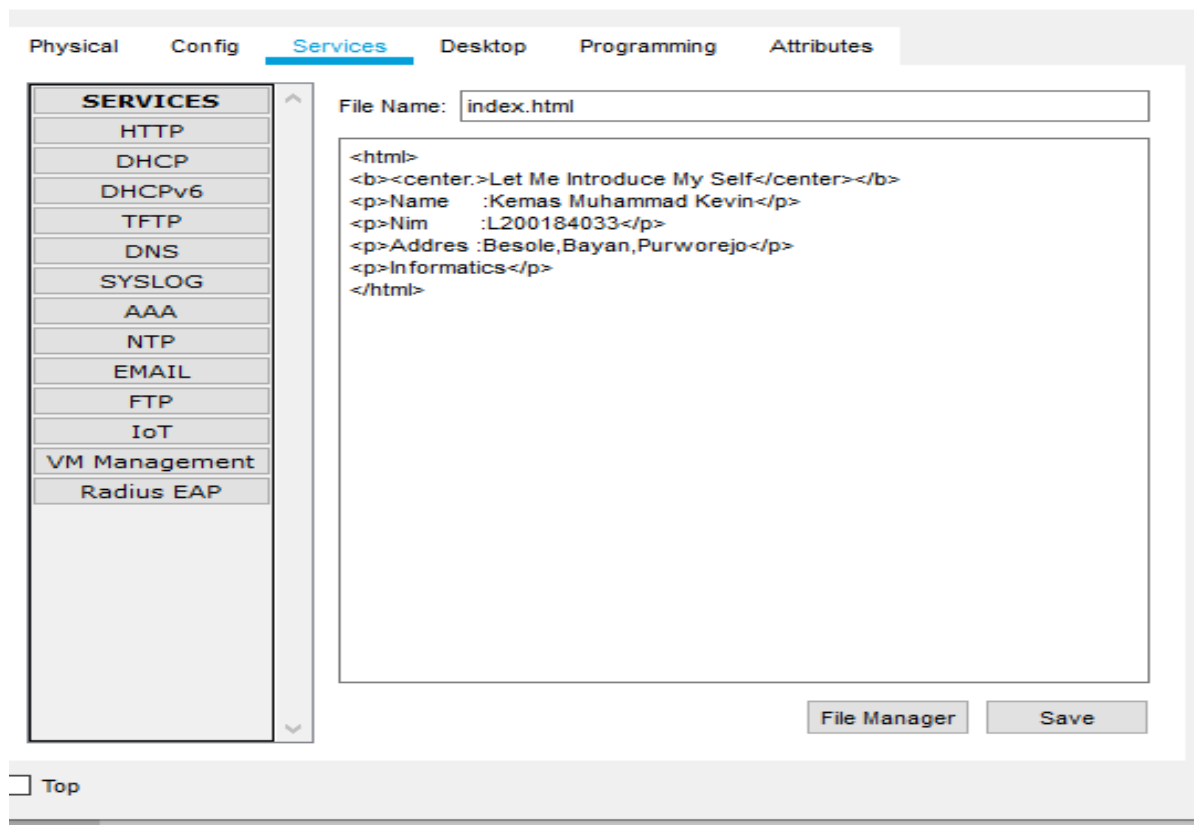
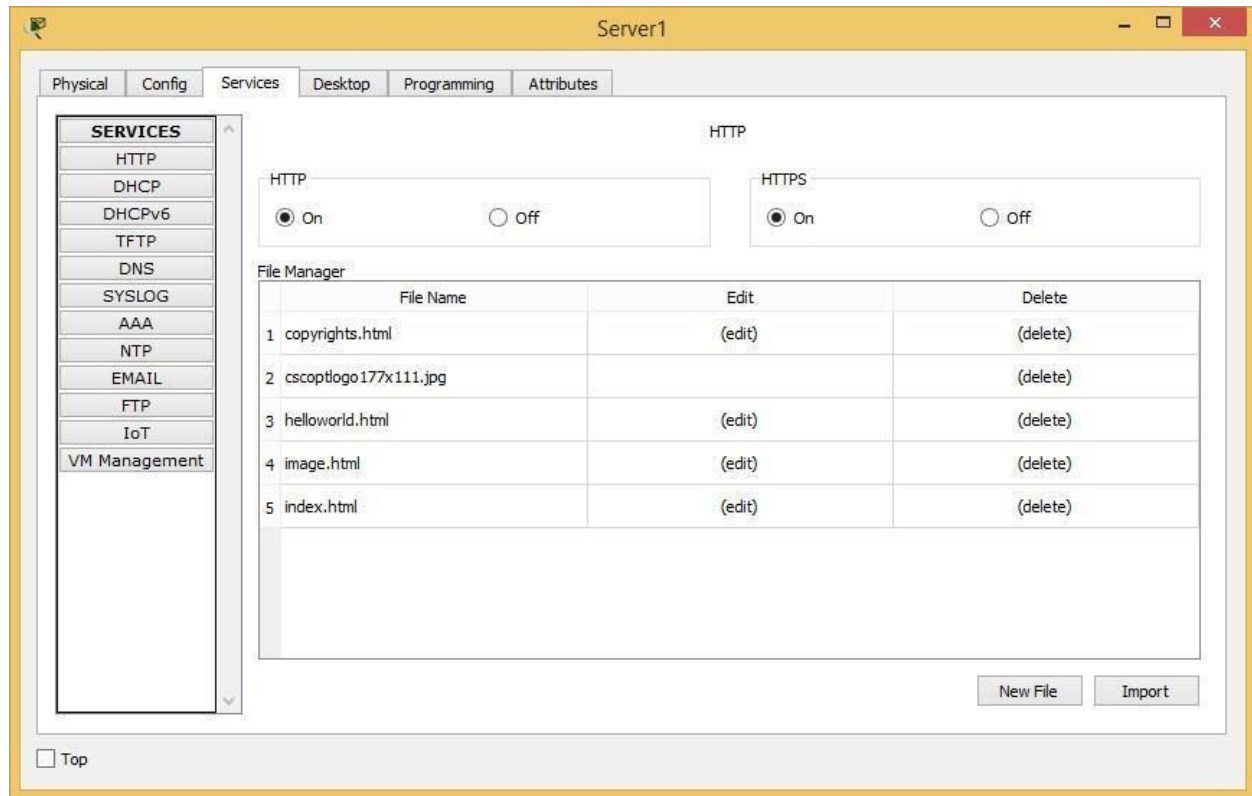
- Pada sisi client pastikan pilihan radio button pada pilihan DHCP.



Setelah selesai konfigurasi, lakukan ping pada PC.



## 2. Membuat web server dengan mengubah tampilan pada web tersebut



➤ Tampilan :

