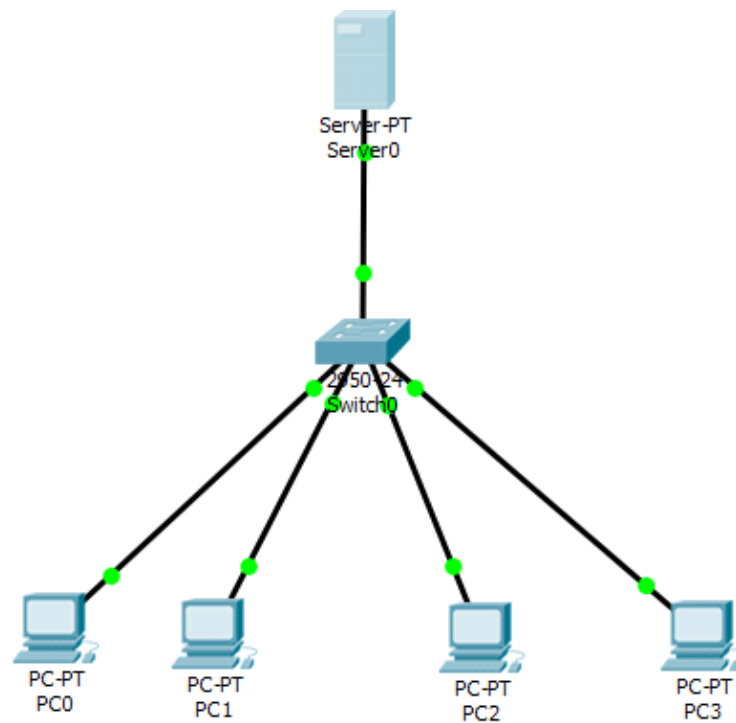


**NAMA** = CORRY LUQMA ZUNIRA  
**KELAS** = D  
**NIM** = L200170152  
**MODUL** = 5

### Kegiatan Praktikum 1.

#### 1. Gambar rancangan DHCP Server



a. Mengisi IP Config

Server0

Physical Config Services Desktop Programming Attributes

**GLOBAL**

Settings

Algorithm Settings

**INTERFACE**

FastEthernet0

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 00E0.8F1C.914A

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::20C:OFF:FE3A:8A3

☐ Top

b. Untuk konfigurasi dhcp server pada jendela properti server 0 pada services, pilih DHCP. Pastikan service DHCP on. Isikan blok IP Address yang akan diberikan ke PC Client.

Server0

Physical Config Services Desktop Programming Attributes

**SERVICES**

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

DHCP

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

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...	255	0.0.0.0	0.0.0.0

☐ Top

c. IP Config pada masing masing PC

PC0

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☒ DHCP ☐ Static

IP Address 192.168.123.2

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::201:42FF:FEB1:645C

IPv6 Gateway

IPv6 DNS Server

Top

PC1

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☒ DHCP ☐ Static

IP Address 192.168.123.3

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::2D0:BAFF:FE82:6A97

IPv6 Gateway

IPv6 DNS Server

Top

PC2

Physical Config Desktop Programming Attributes

IP Configuration X

IP Configuration

☒ DHCP ☐ Static

IP Address 192.168.123.4

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::205:5EFF:FE09:76CE

IPv6 Gateway

IPv6 DNS Server

Top

PC3

Physical Config Desktop Programming Attributes

IP Configuration X

IP Configuration

☒ DHCP ☐ Static

IP Address 192.168.123.5

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::20D:BDFF:FE4D:37A8

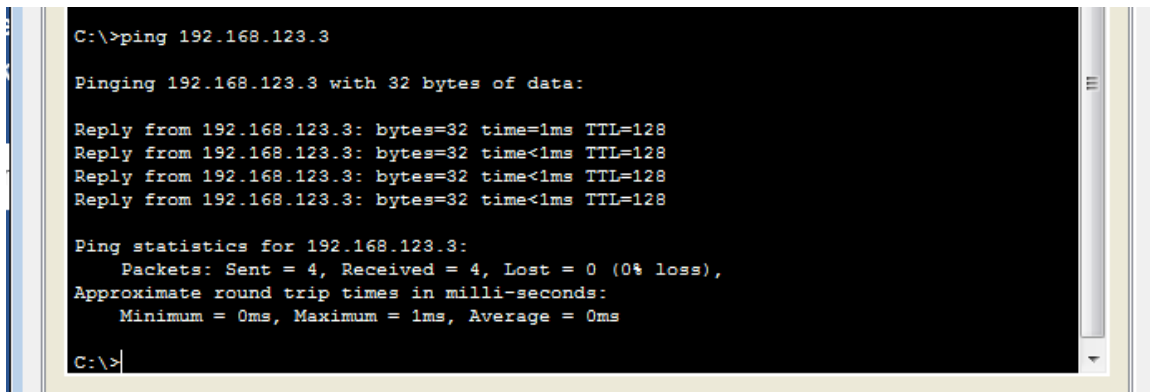
IPv6 Gateway

IPv6 DNS Server

Top

d. Melakukan Ping

Ping PC 0 dengan PC 1



```
C:\>ping 192.168.123.3

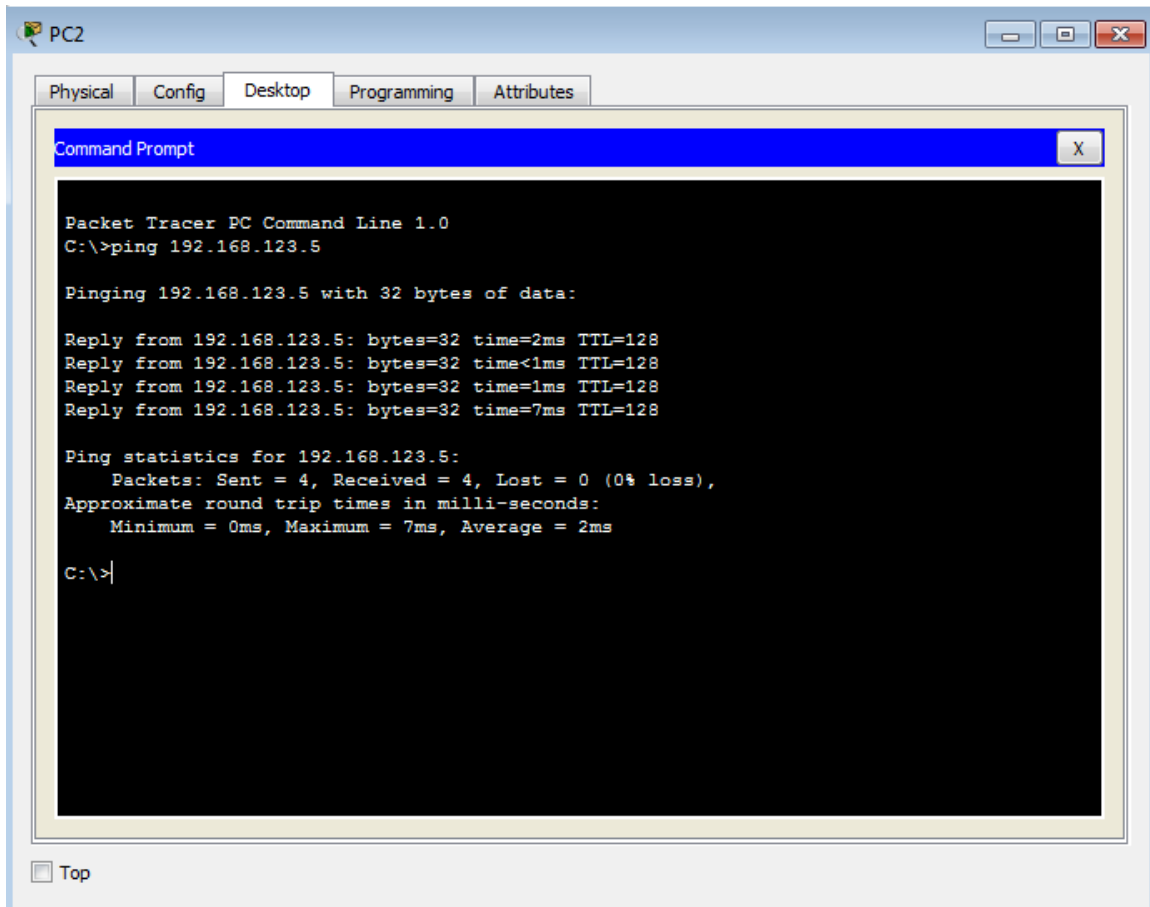
Pinging 192.168.123.3 with 32 bytes of data:

Reply from 192.168.123.3: bytes=32 time=1ms TTL=128
Reply from 192.168.123.3: bytes=32 time<1ms TTL=128
Reply from 192.168.123.3: bytes=32 time<1ms TTL=128
Reply from 192.168.123.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

Ping PC 2 dengan PC 3



```
PC2
Physical Config Desktop Programming Attributes
Command Prompt X

Packet Tracer PC Command Line 1.0
C:\>ping 192.168.123.5

Pinging 192.168.123.5 with 32 bytes of data:

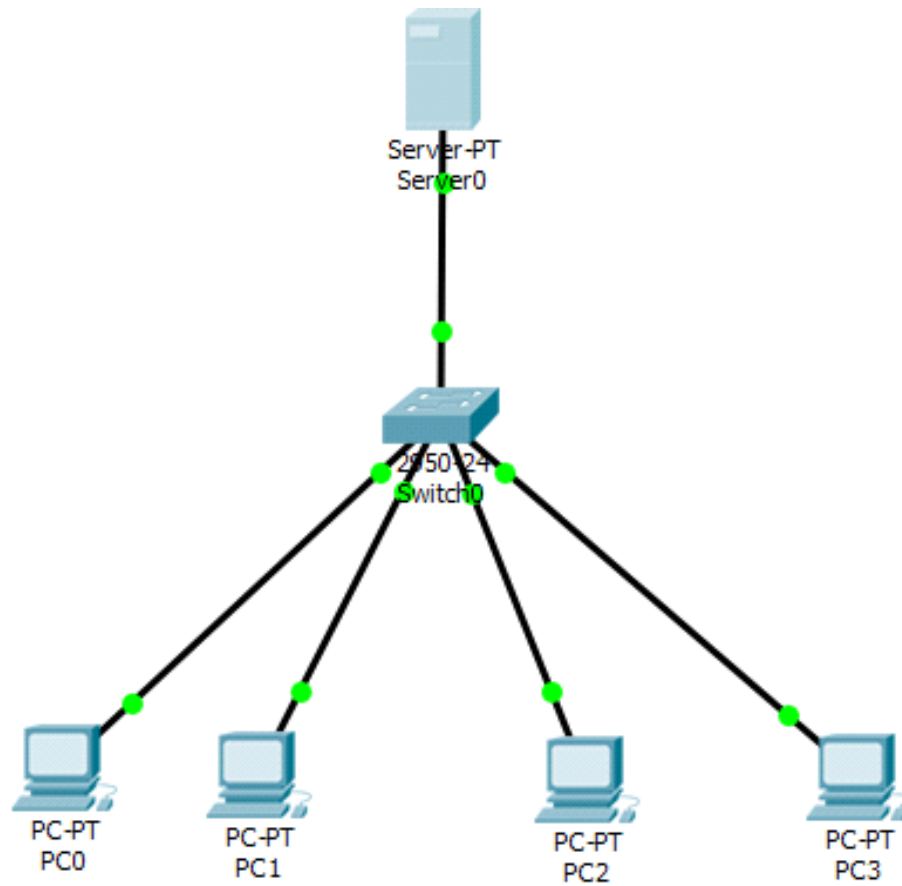
Reply from 192.168.123.5: bytes=32 time=2ms TTL=128
Reply from 192.168.123.5: bytes=32 time<1ms TTL=128
Reply from 192.168.123.5: bytes=32 time=1ms TTL=128
Reply from 192.168.123.5: bytes=32 time=7ms TTL=128

Ping statistics for 192.168.123.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 7ms, Average = 2ms

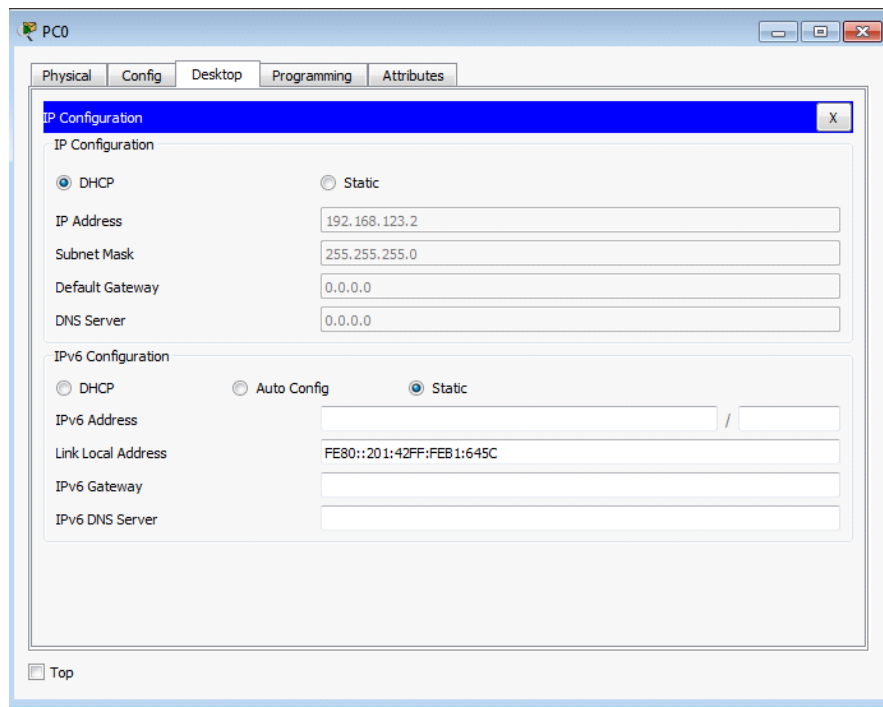
C:\>
```

## Kegiatan Praktikum 2.

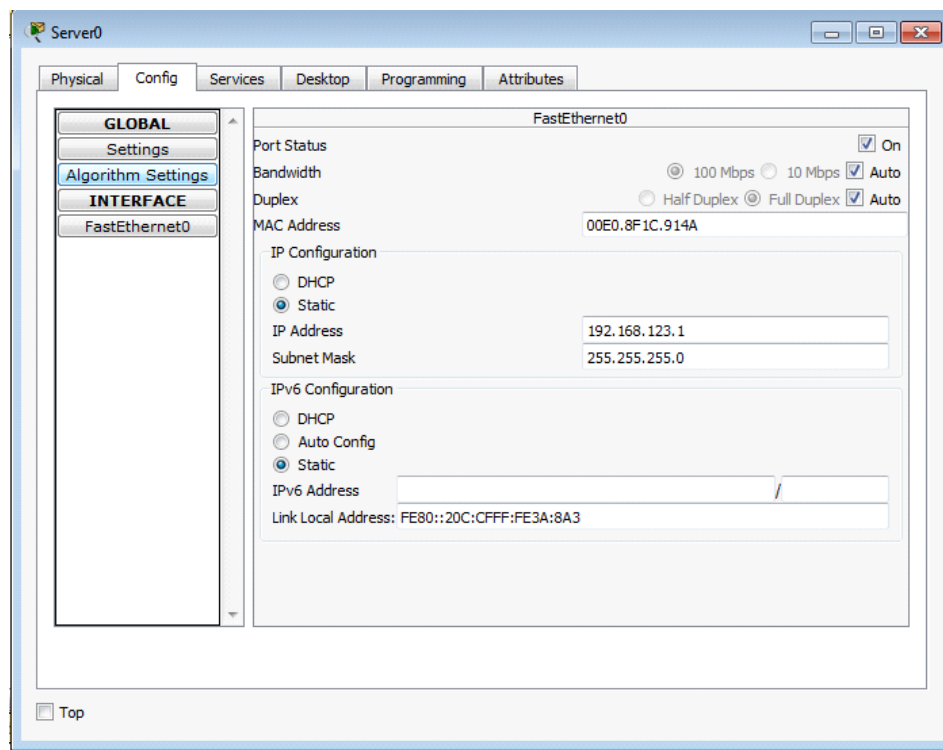
a. Gambar Rancangan DHCP Server.



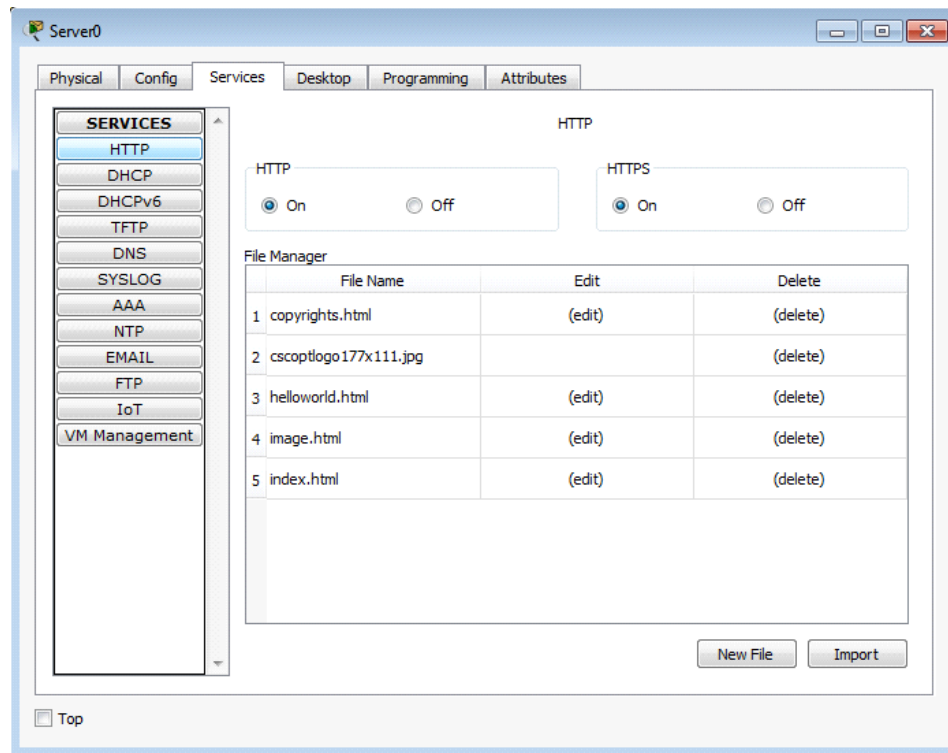
b. Melakukan konfigurasi pada PC 0



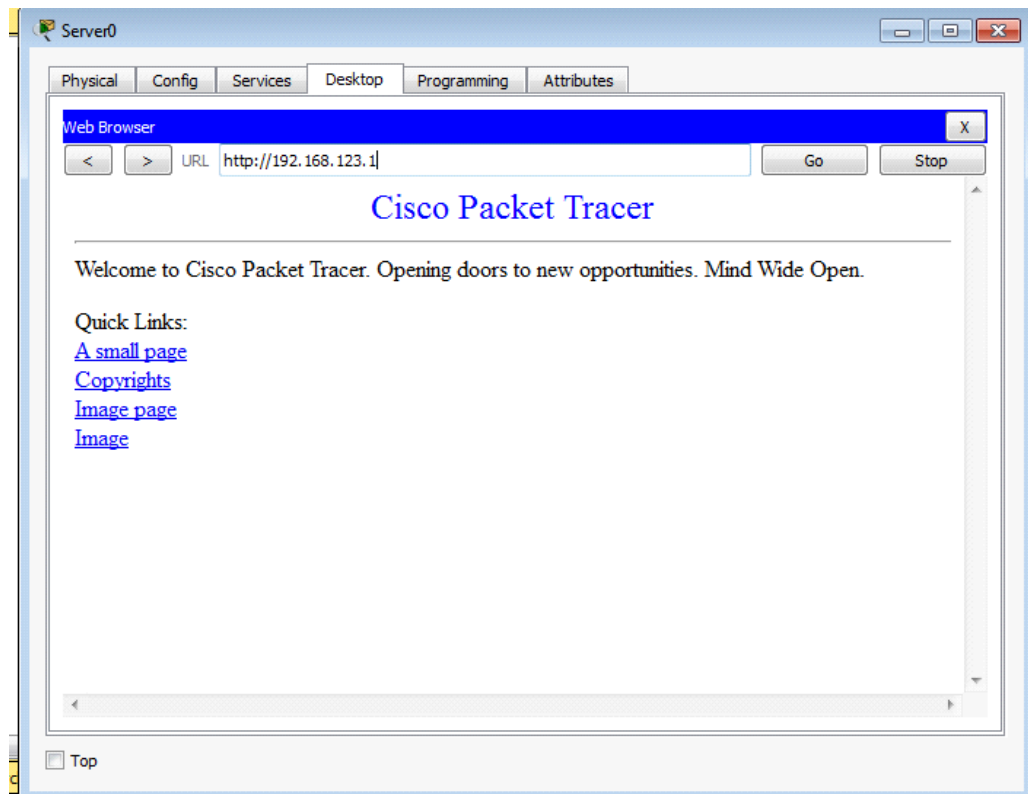
c. Melakukan konfigurasi pada server



d. Memastikan radio button service HTTP pada server On



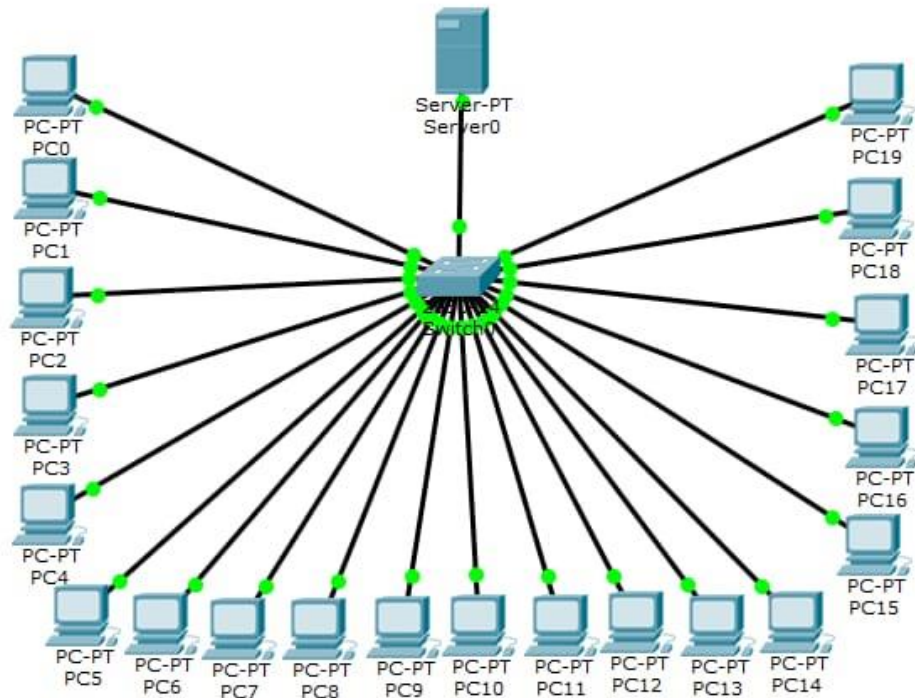
e. Melakukan browsing HTTP





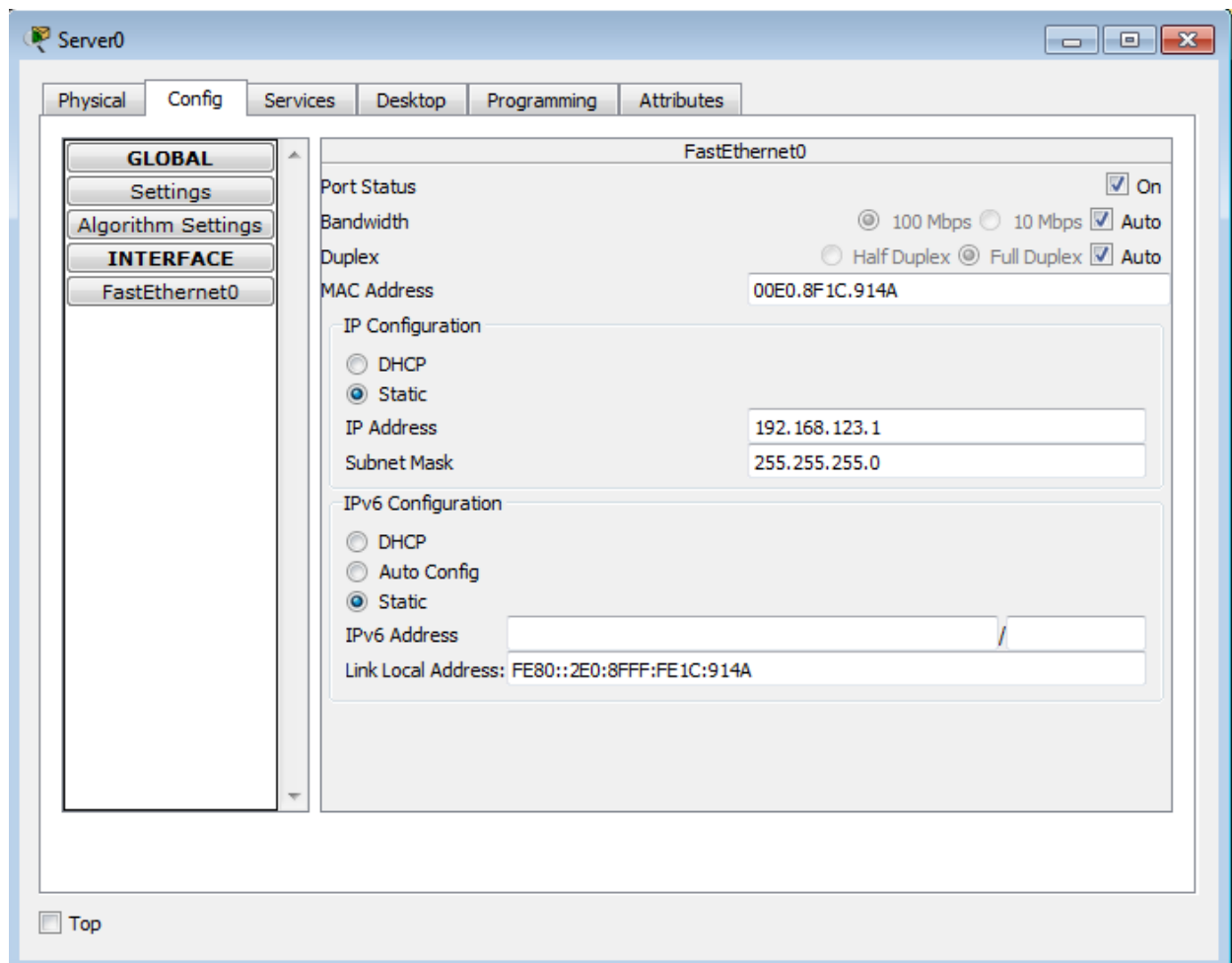
## TUGAS MODUL 5

1. Buatlah dhcp server dengan packet tracer dengan client terdiri dari 20pc!



2. Buatlah web server pada packet tracer. Dengan mengubah tampilan pada web tersebut

a. Merubah dhcp pada Server



b. Merubah DHCP pada server

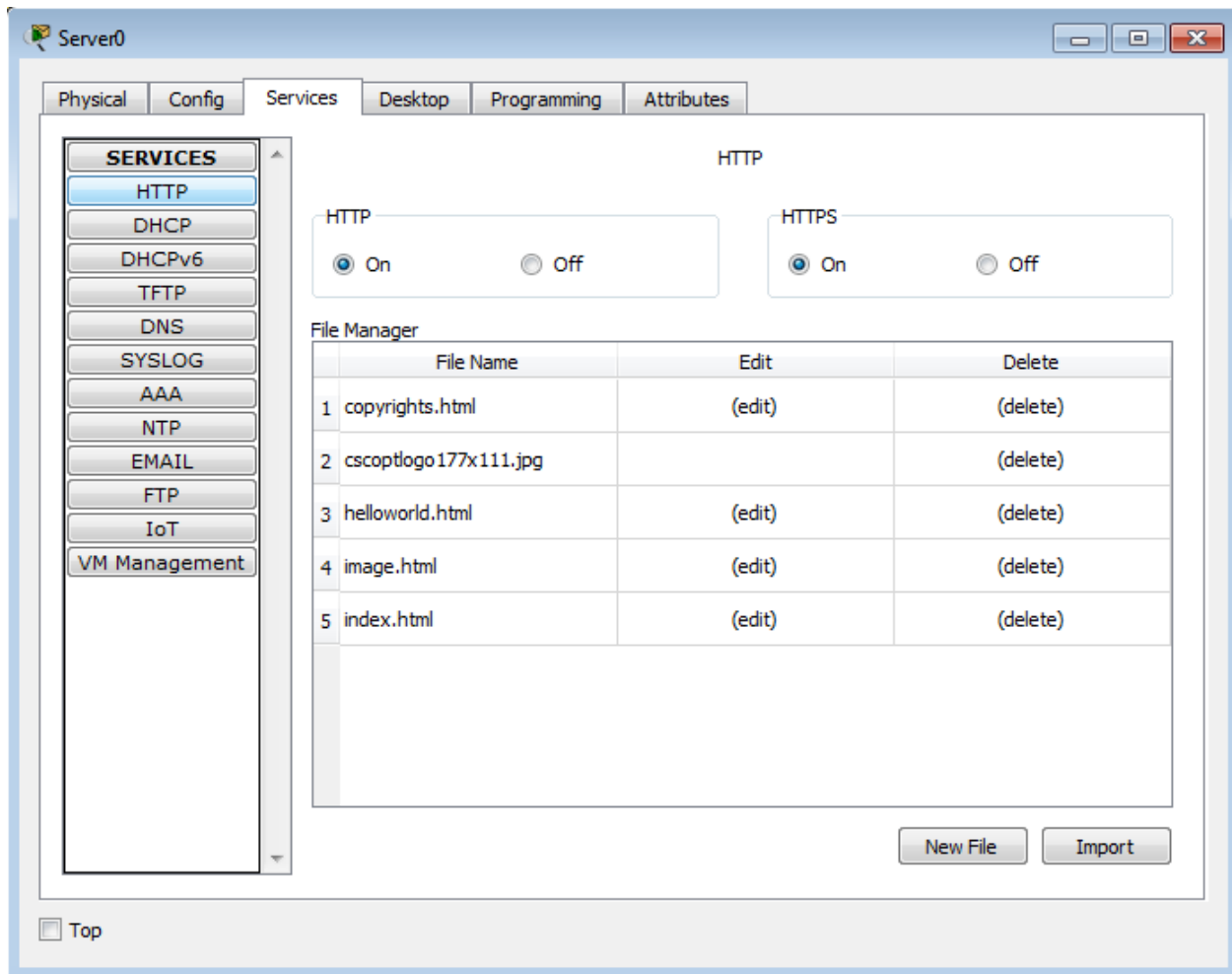
The screenshot shows the 'Server0' configuration window with the 'Services' tab selected. On the left, a list of services includes HTTP, DHCP, DHCPv6, TFTP, DNS, SYSLOG, AAA, NTP, EMAIL, FTP, IoT, and VM Management. The 'DHCP' service is selected. The main area shows the DHCP configuration for the 'FastEthernet0' interface. The 'Service' is set to '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 '192.168.123.0' and the 'Subnet Mask' is '255.255.255.0'. The 'Maximum Number of Users' is '255'. The 'TFTP Server' is '0.0.0.0' and the 'WLC Address' is '0.0.0.0'. Below the configuration 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...	255.255...	255	0.0.0.0	0.0.0.0

c. IP Config pada PC 0

The screenshot shows the 'PC0' configuration window with the 'Desktop' tab selected. The 'IP Configuration' section is highlighted. Under 'IP Configuration', the 'DHCP' radio button is selected. The 'IP Address' is '192.168.123.2', the 'Subnet Mask' is '255.255.255.0', the 'Default Gateway' is '0.0.0.0', and the 'DNS Server' is '0.0.0.0'. Under 'IPv6 Configuration', the 'Static' radio button is selected. The 'IPv6 Address' is empty, the 'Link Local Address' is 'FE80::2D0:97FF:FE35:3DB8', the 'IPv6 Gateway' is empty, and the 'IPv6 DNS Server' is empty.

d. Memastikan Radio Button aktif



e. Tampilan web browser

