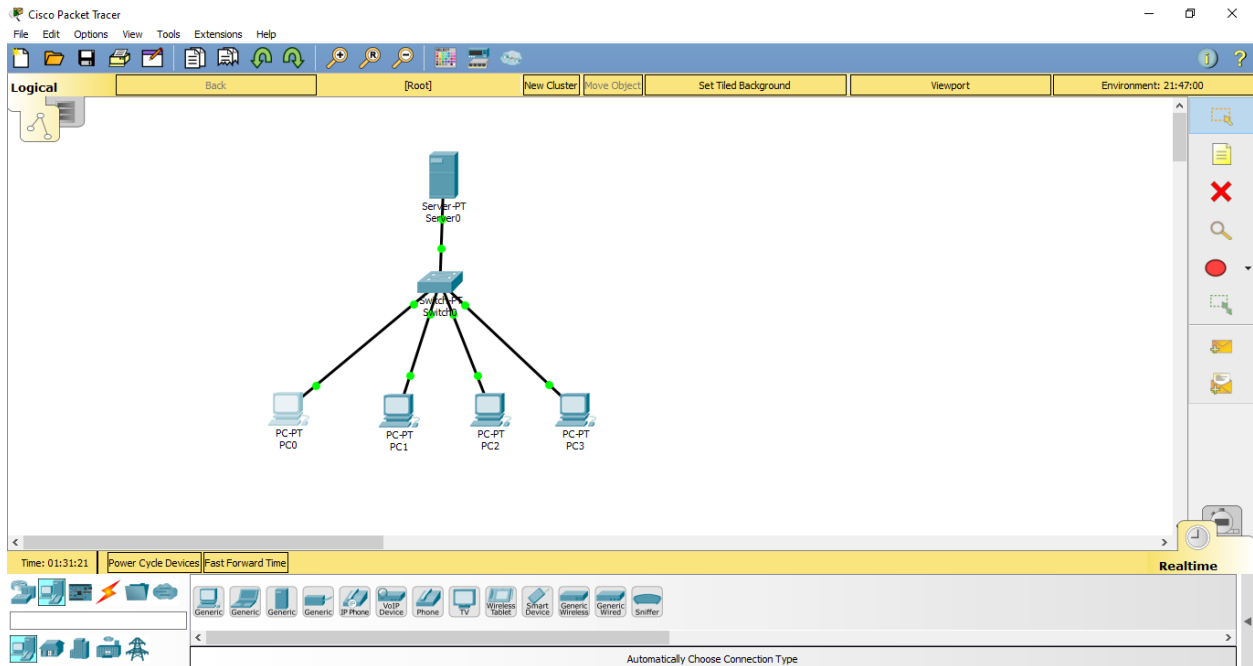


**Nama = Putri Siwi Utami**

**NIM = L200180146**

**Kelas = D**

## **Praktikum 1 membuat DHCP SERVER**



## Server Side

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 000C.CF38.C546

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:CFFF:FE38:C546

☐ Top

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 192.168.123.1

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	192.168.123.1	0.0.0.0	192.168.123...	255.255.255.0	5	0.0.0.0	0.0.0.0

☐ Top

## Client side

PC0

Physical Config Desktop Programming Attributes

**IP Configuration** X

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IP Address 192.168.123.19

Subnet Mask 255.255.255.0

Default Gateway 192.168.123.1

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

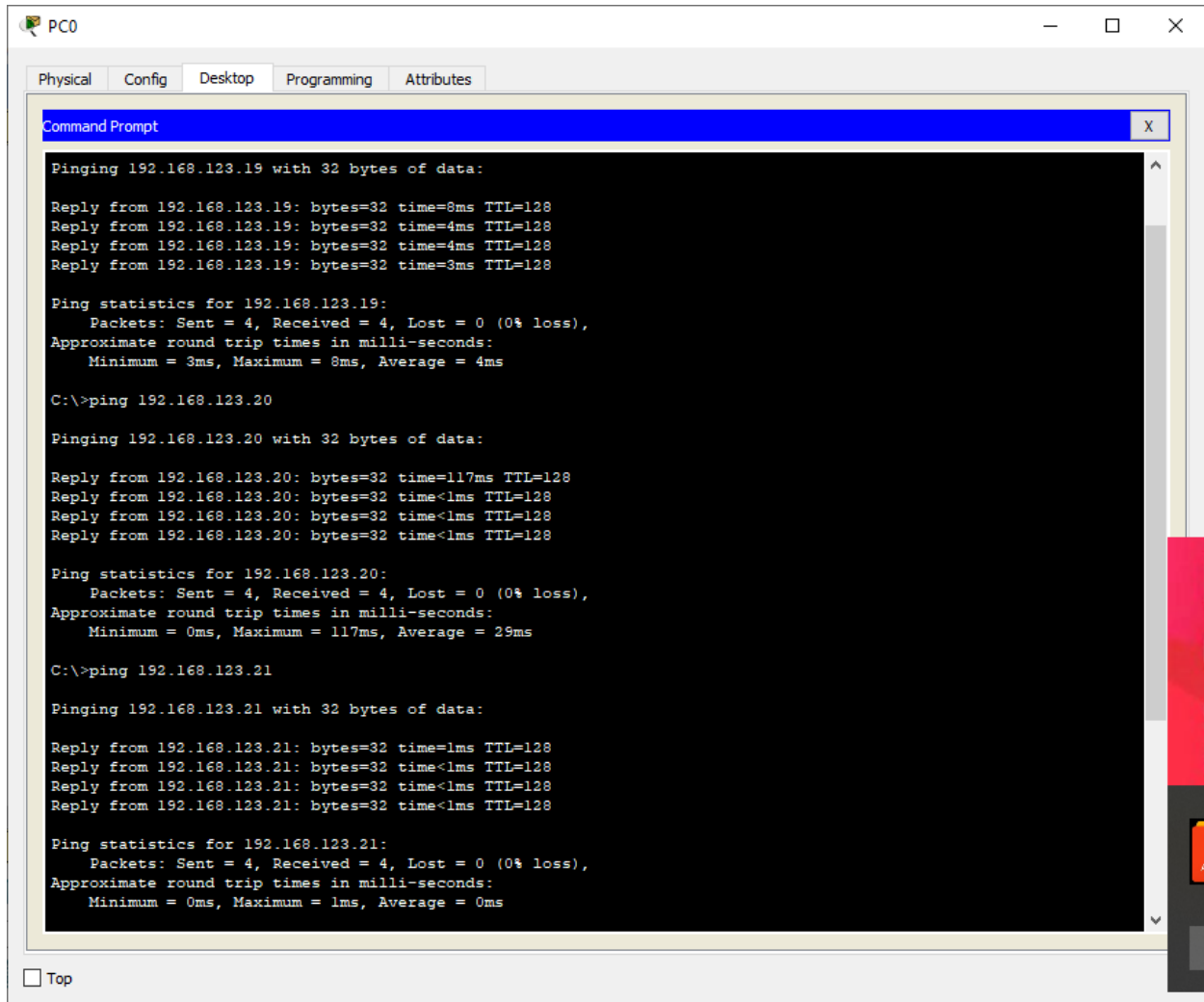
Link Local Address FE80::2D0:97FF:FEA0:1E6A

IPv6 Gateway

IPv6 DNS Server

Top

## Hasil



The screenshot shows a window titled "PC0" with tabs for "Physical", "Config", "Desktop", "Programming", and "Attributes". The "Desktop" tab is active, displaying a "Command Prompt" window. The Command Prompt shows the results of three ping commands executed from the C:\> directory.

```
C:\>ping 192.168.123.19

Pinging 192.168.123.19 with 32 bytes of data:

Reply from 192.168.123.19: bytes=32 time=8ms TTL=128
Reply from 192.168.123.19: bytes=32 time=4ms TTL=128
Reply from 192.168.123.19: bytes=32 time=4ms TTL=128
Reply from 192.168.123.19: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.123.19:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 3ms, Maximum = 8ms, Average = 4ms

C:\>ping 192.168.123.20

Pinging 192.168.123.20 with 32 bytes of data:

Reply from 192.168.123.20: bytes=32 time=117ms TTL=128
Reply from 192.168.123.20: bytes=32 time<1ms TTL=128
Reply from 192.168.123.20: bytes=32 time<1ms TTL=128
Reply from 192.168.123.20: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.20:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 117ms, Average = 29ms

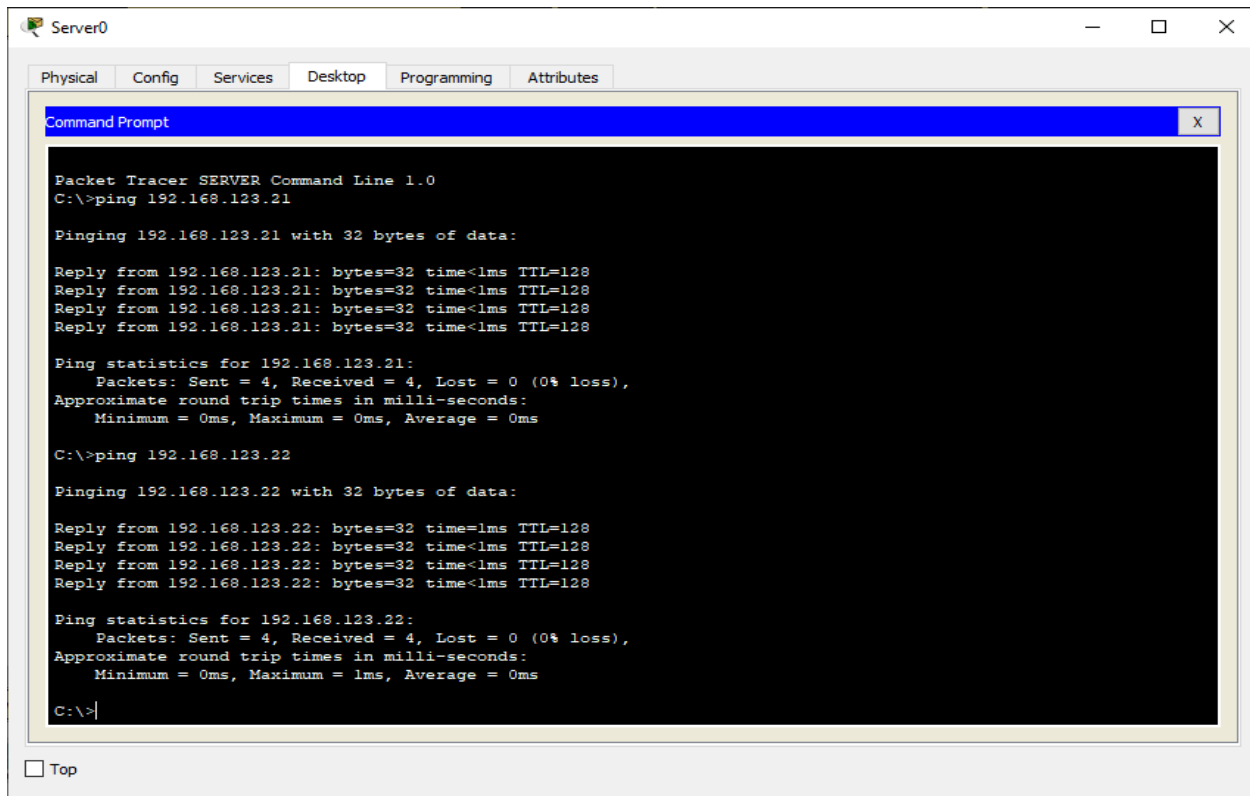
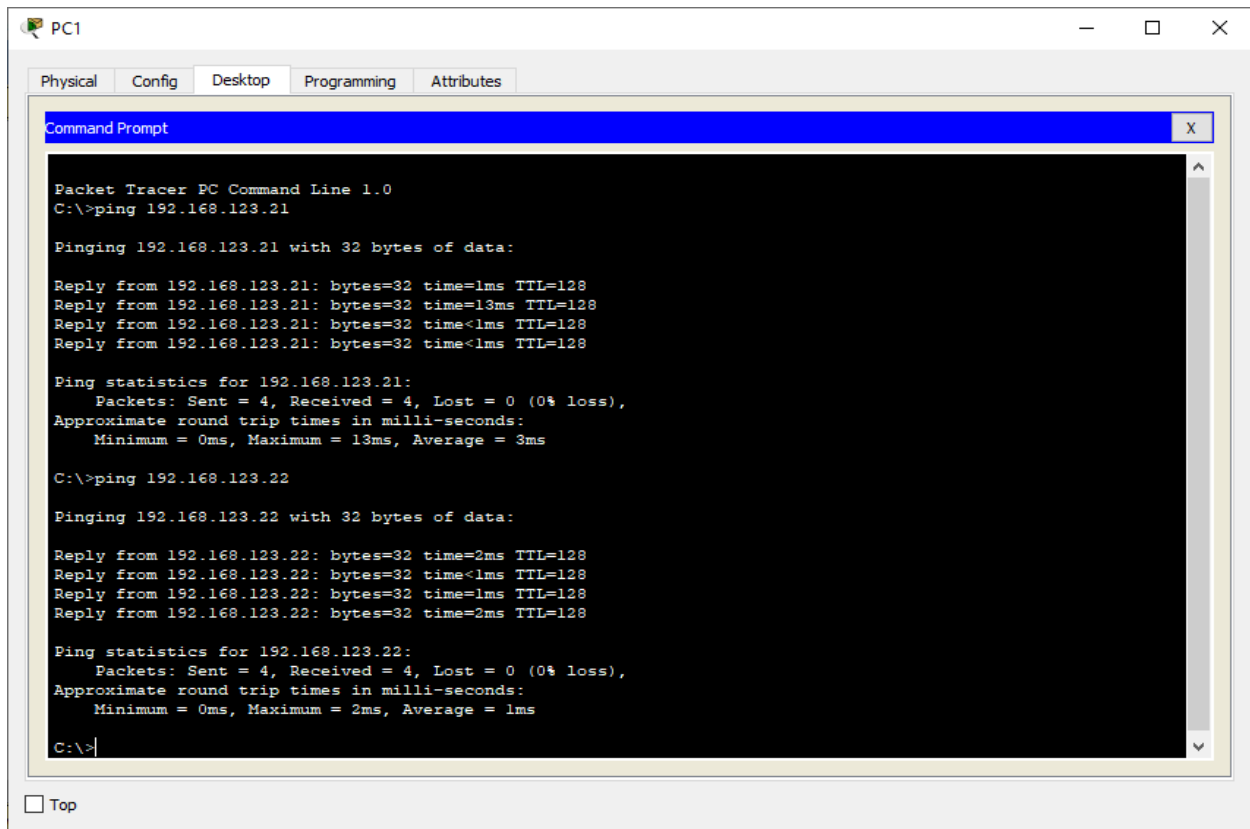
C:\>ping 192.168.123.21

Pinging 192.168.123.21 with 32 bytes of data:

Reply from 192.168.123.21: bytes=32 time=1ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128

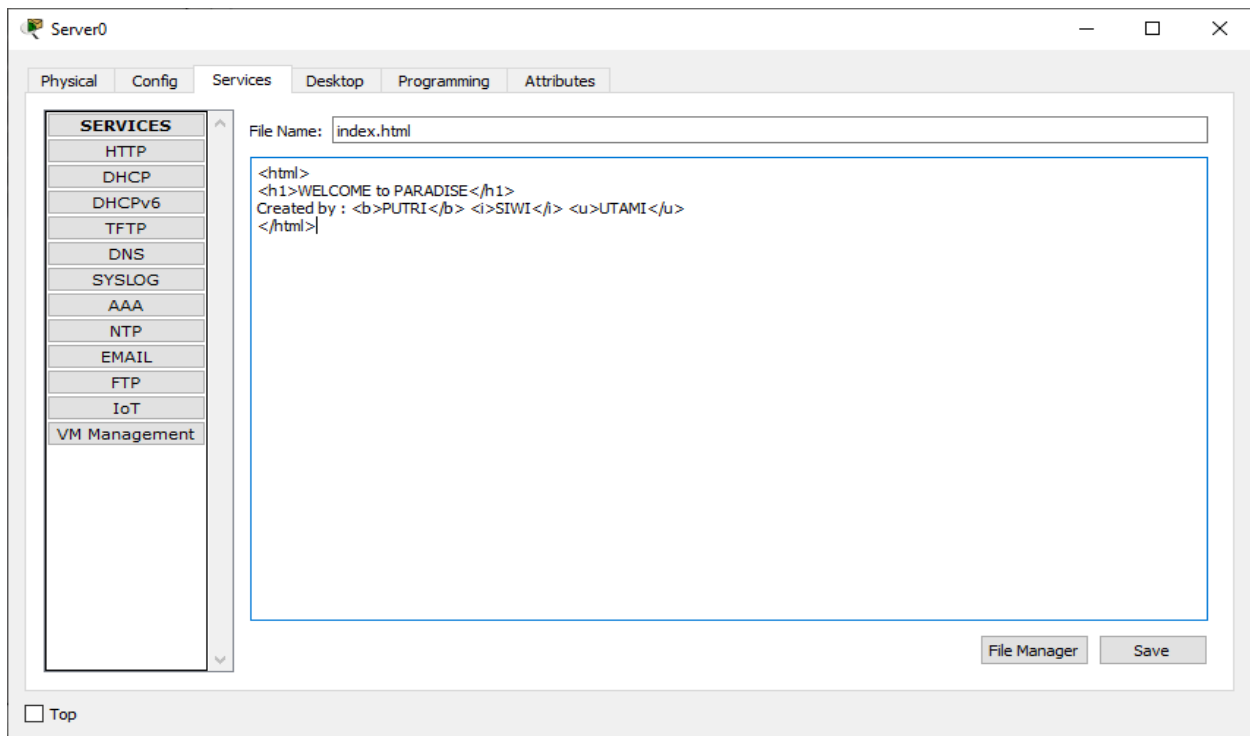
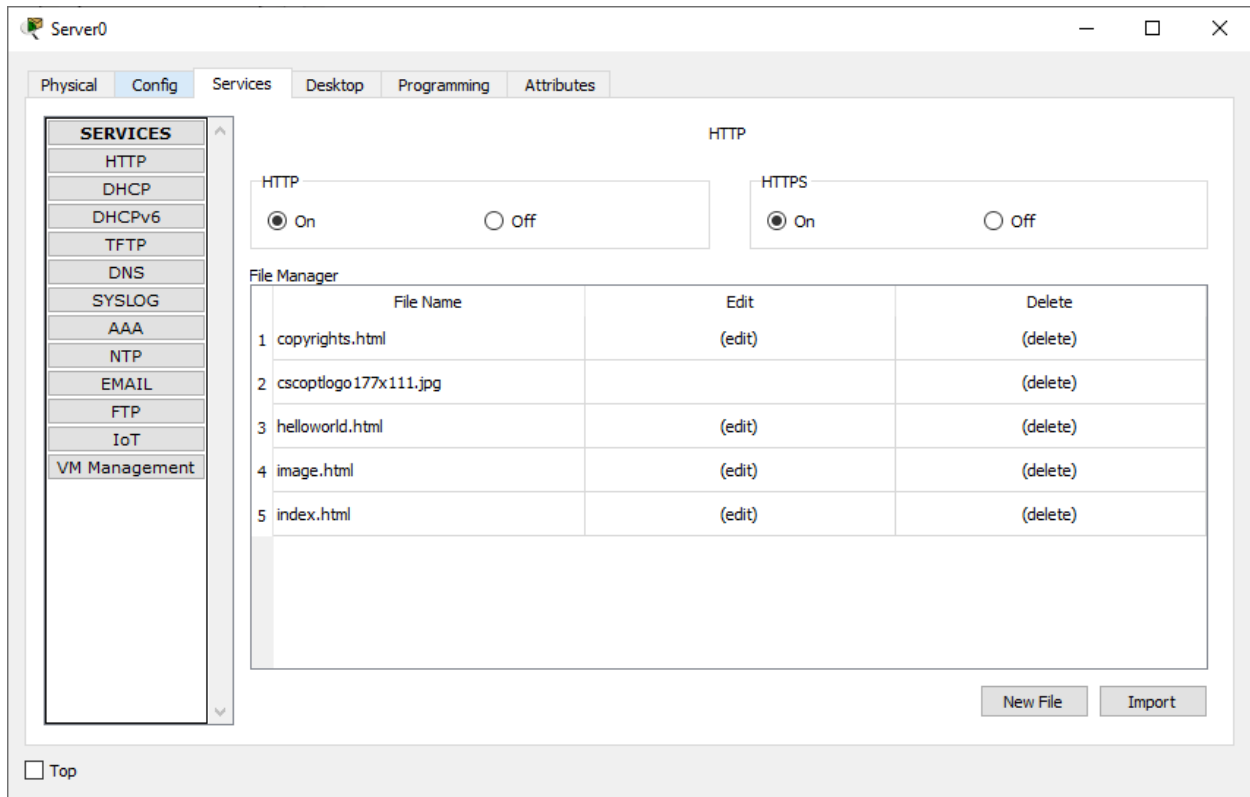
Ping statistics for 192.168.123.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

At the bottom left of the PC0 window, there is a checkbox labeled "Top" which is currently unchecked.

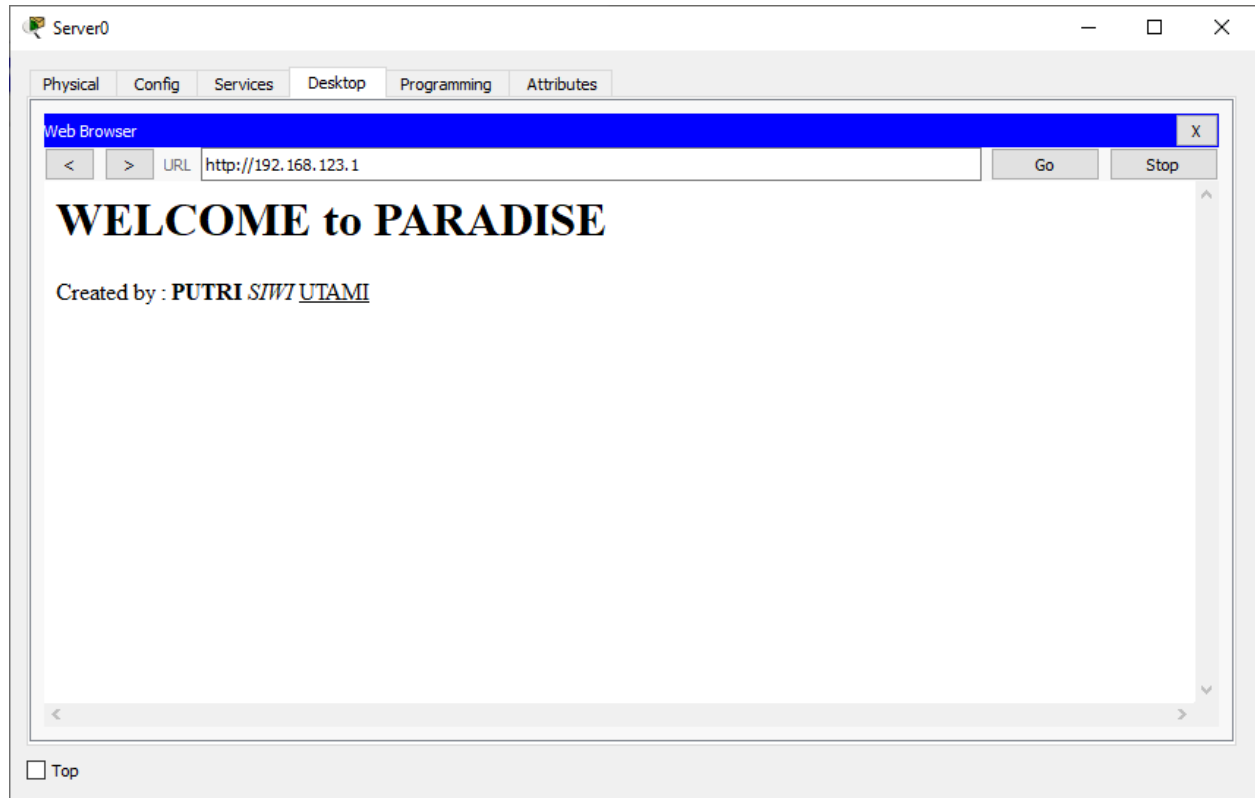


## PRAKTIKUM 2 MEMBUAT WEB SERVER

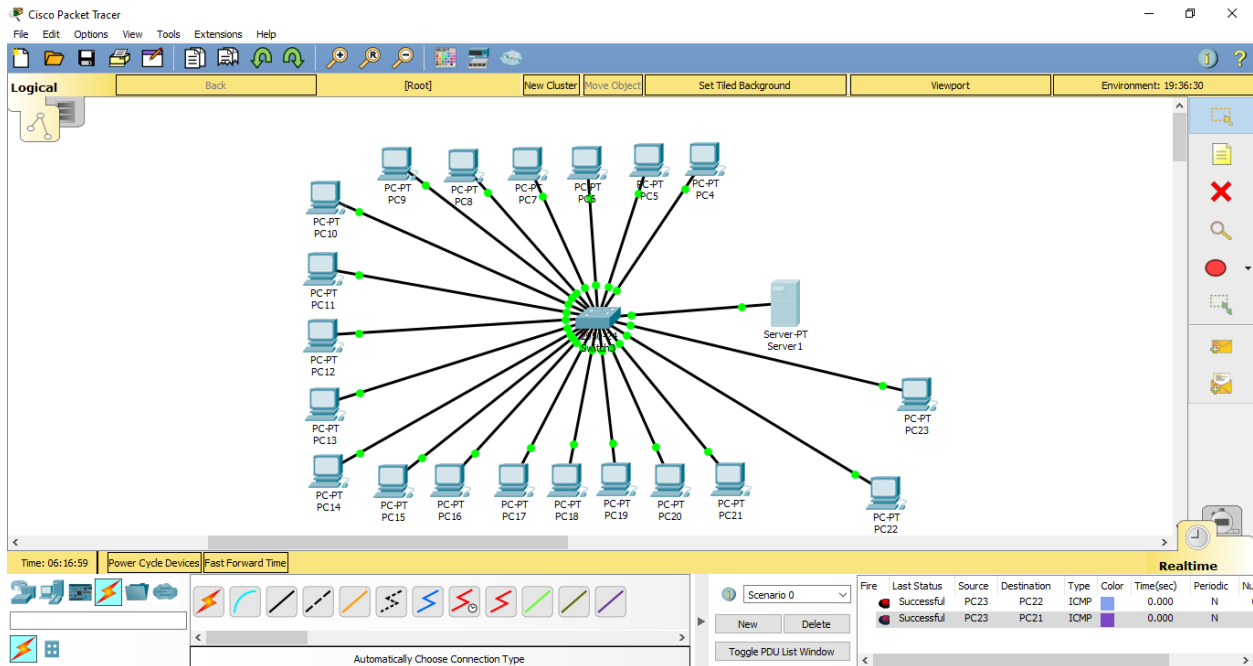
### Server Side



## Client Side



# Tugas



## Server Side

The configuration window for Server1 is shown, with the 'Config' tab selected. The 'FastEthernet0' interface is configured with the following settings:

- Port Status:** On
- Bandwidth:** 100 Mbps
- Duplex:** Full Duplex
- MAC Address:** 0002.4ADD.594E
- IP Configuration:** Static
- IP Address:** 192.168.24.1
- Subnet Mask:** 255.255.255.0
- IPv6 Configuration:** Static
- IPv6 Address:** (empty field)
- Link Local Address:** FE80::202:4AFF:FEDD:594E



Server1

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

192.168.24.1

DNS Server

192.168.24.1

Start IP Address :

192

168

24

2

Subnet Mask:

255

255

255

0

Maximum Number of Users :

20

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	192.168.24.1	192.168.24.1	192.168.24.2	255.255.255.0	20	0.0.0.0	0.0.0.0

☐ Top

Server1

Physical

Config

Services

Desktop

Programming

Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

HTTP

☒ On
☐ Off

HTTPS

☒ On
☐ Off

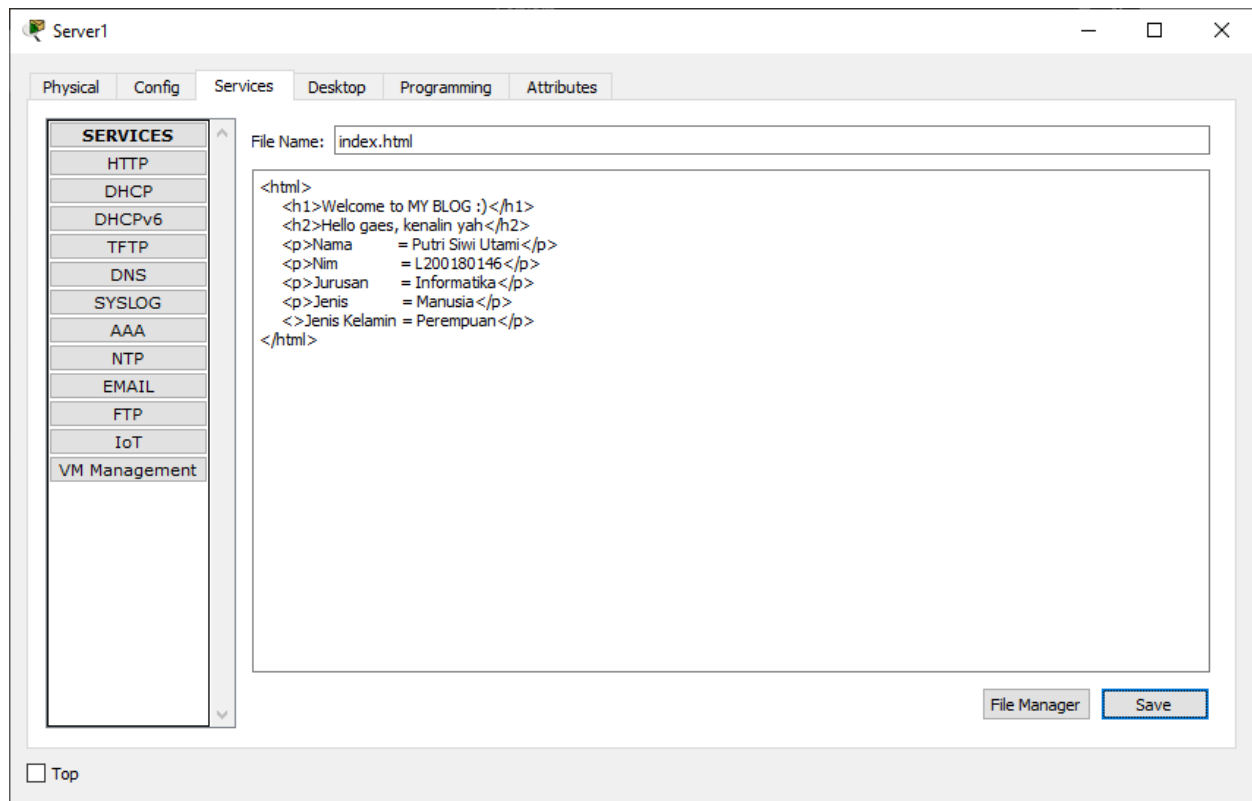
File Manager

	File Name	Edit	Delete
1	copyrights.html	(edit)	(delete)
2	cscoptlogo177x111.jpg		(delete)
3	helloworld.html	(edit)	(delete)
4	image.html	(edit)	(delete)
5	index.html	(edit)	(delete)

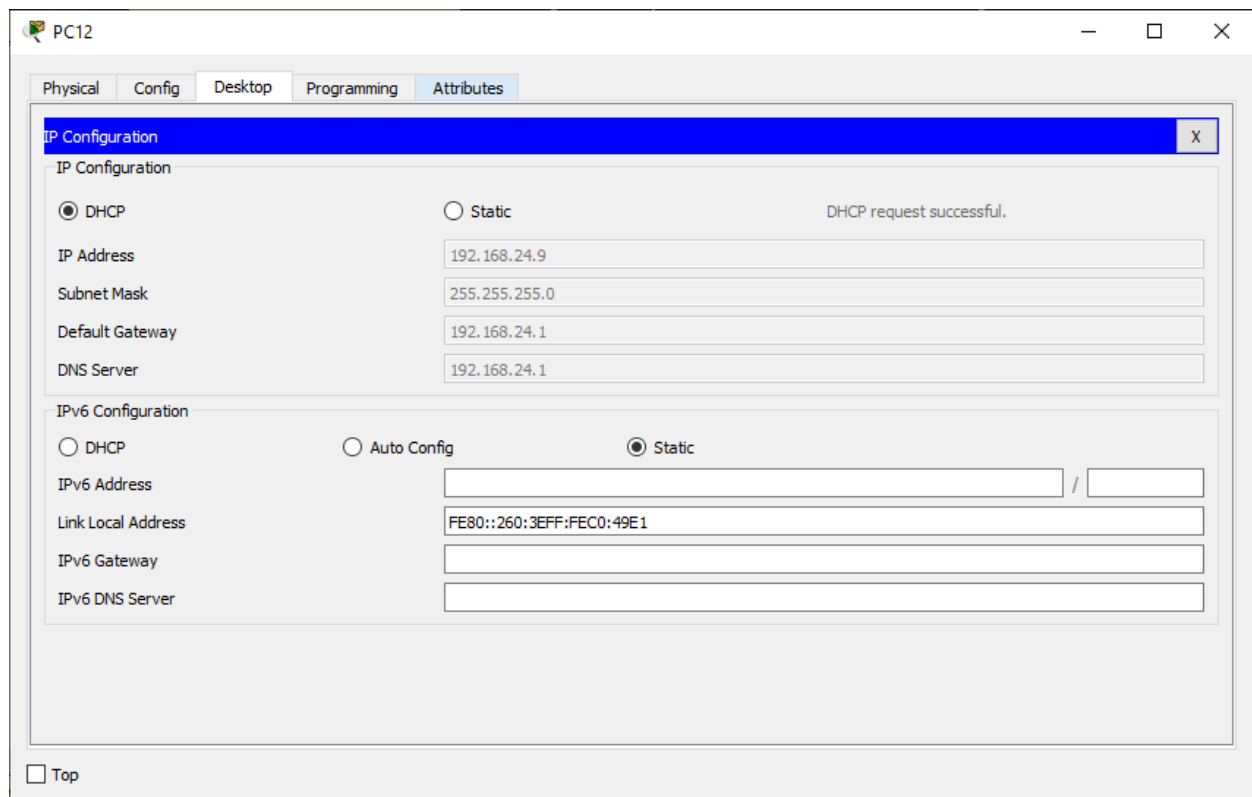
New File

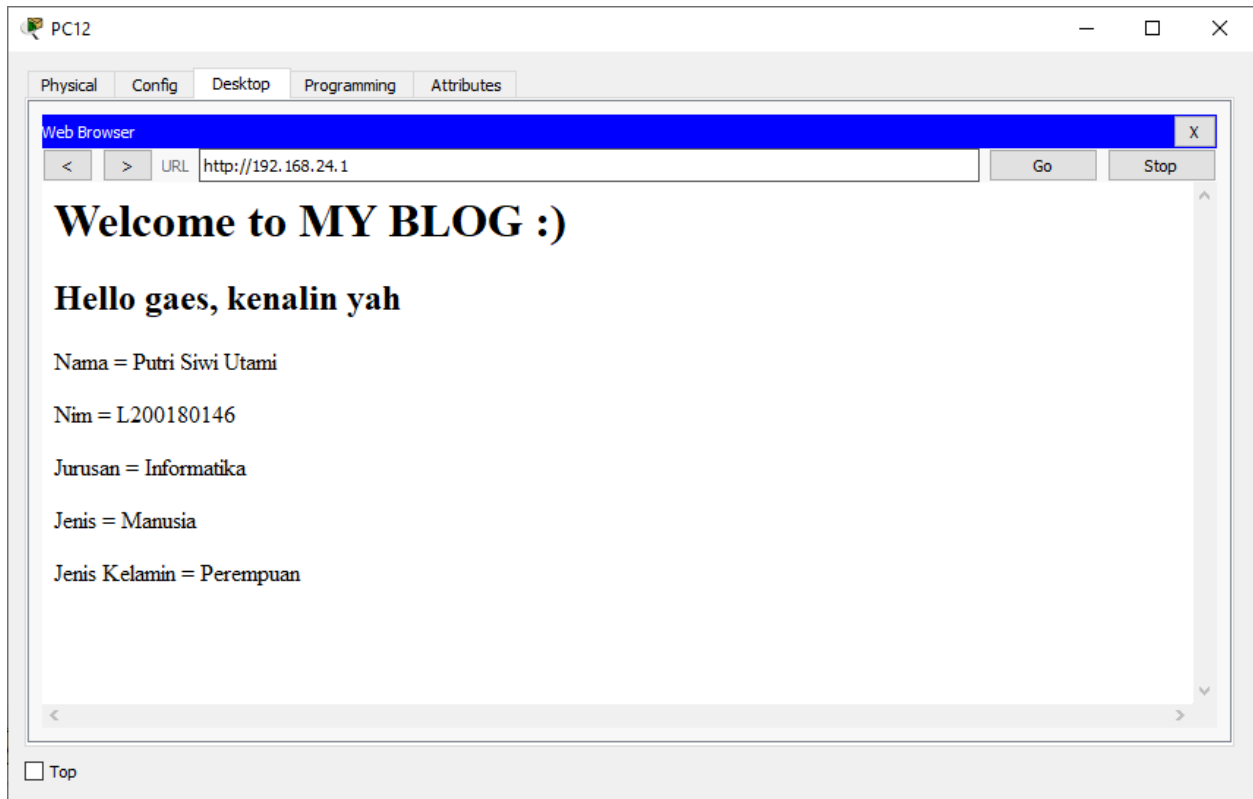
Import

☐ Top

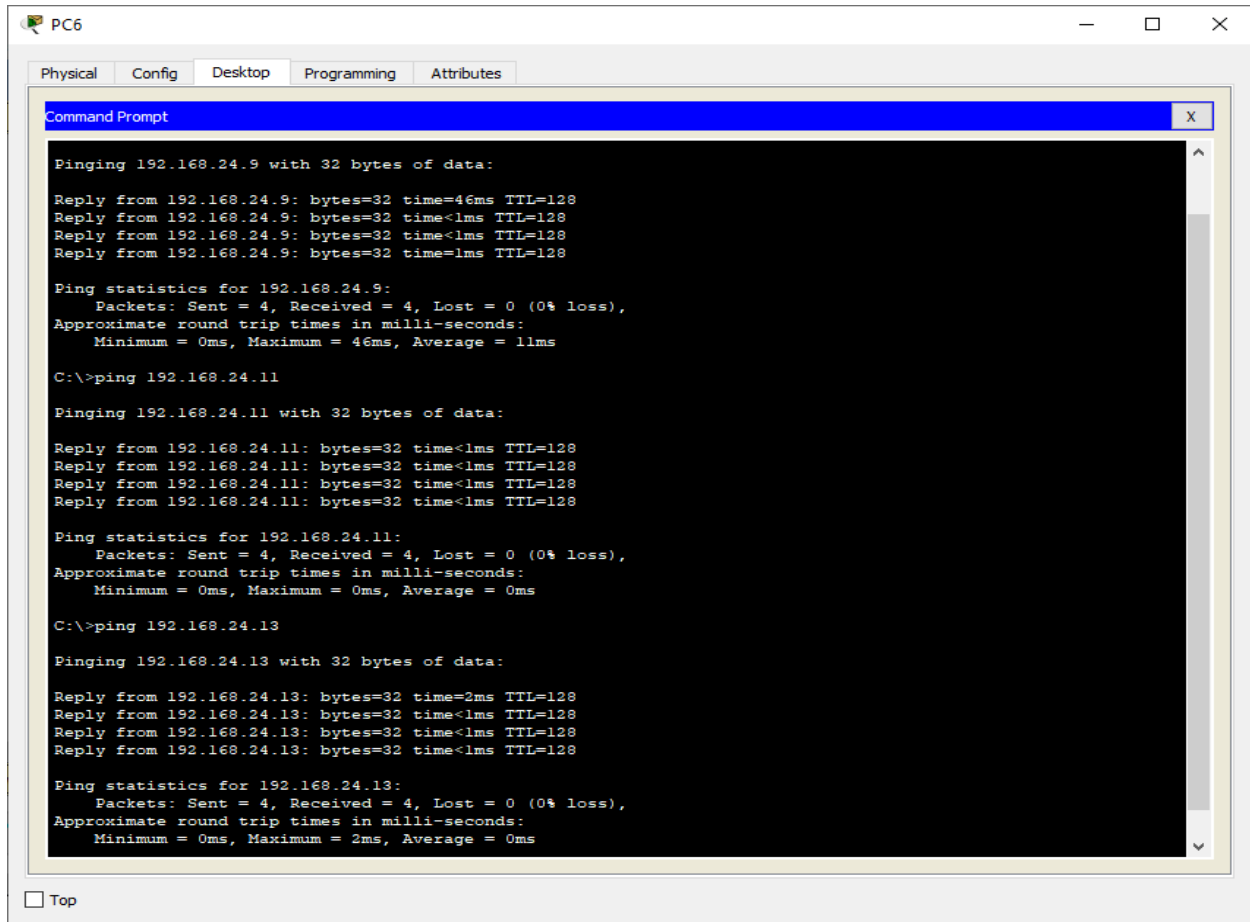


## Client Side





## Hasil



PC6

Physical Config Desktop Programming Attributes

Command Prompt

```
Pinging 192.168.24.9 with 32 bytes of data:

Reply from 192.168.24.9: bytes=32 time=46ms TTL=128
Reply from 192.168.24.9: bytes=32 time<1ms TTL=128
Reply from 192.168.24.9: bytes=32 time<1ms TTL=128
Reply from 192.168.24.9: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.24.9:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 46ms, Average = 11ms

C:\>ping 192.168.24.11

Pinging 192.168.24.11 with 32 bytes of data:

Reply from 192.168.24.11: bytes=32 time<1ms TTL=128
Reply from 192.168.24.11: bytes=32 time<1ms TTL=128
Reply from 192.168.24.11: bytes=32 time<1ms TTL=128
Reply from 192.168.24.11: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.24.11:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.24.13

Pinging 192.168.24.13 with 32 bytes of data:

Reply from 192.168.24.13: bytes=32 time=2ms TTL=128
Reply from 192.168.24.13: bytes=32 time<1ms TTL=128
Reply from 192.168.24.13: bytes=32 time<1ms TTL=128
Reply from 192.168.24.13: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.24.13:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 2ms, Average = 0ms
```

☐ Top

