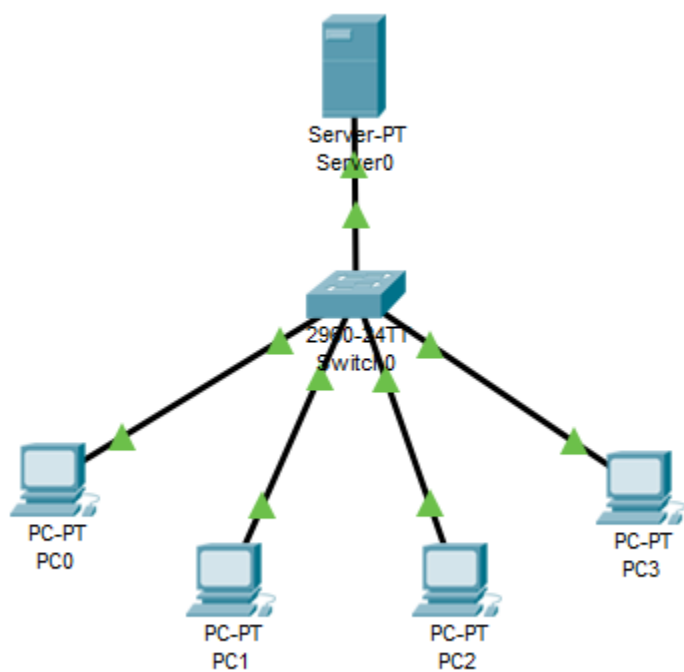
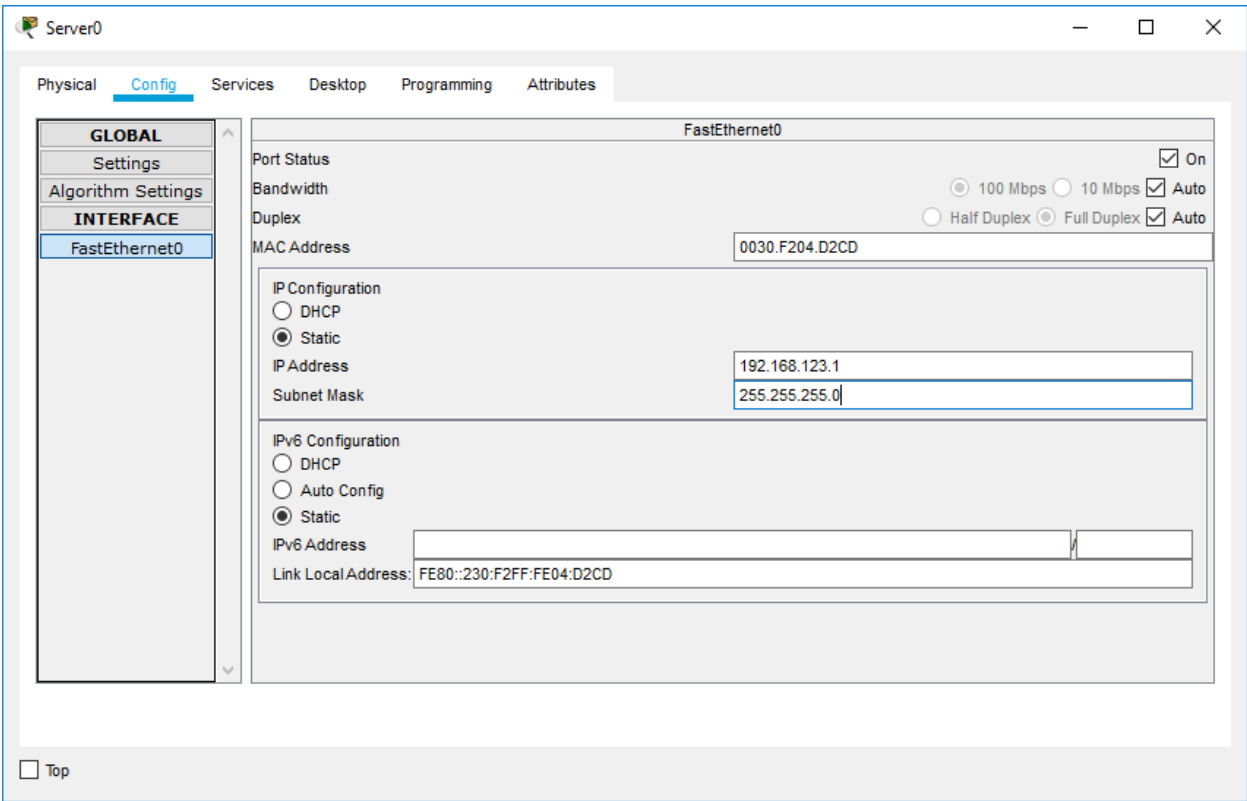


Nama : Titis Ulfa Mustikawati  
NIM : L200170057  
Kelas : B  
Modul : 5

1. PRAKTIKUM 1 MEMBUAT DHCP SERVER



a. Mengisi IP address





PC1

Physical

Config

Desktop

Programming

Attributes

☒ DHCP

☐ Static

DHCP request successful.

IP Address

192.168.123.20

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:B0FF:FE41:A587

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

☐ Top

PC2

Physical

Config

Desktop

Programming

Attributes

☒ DHCP

☐ Static

DHCP request successful.

IP Address

192.168.123.21

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::290:21FF:FED0:D1E0

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication

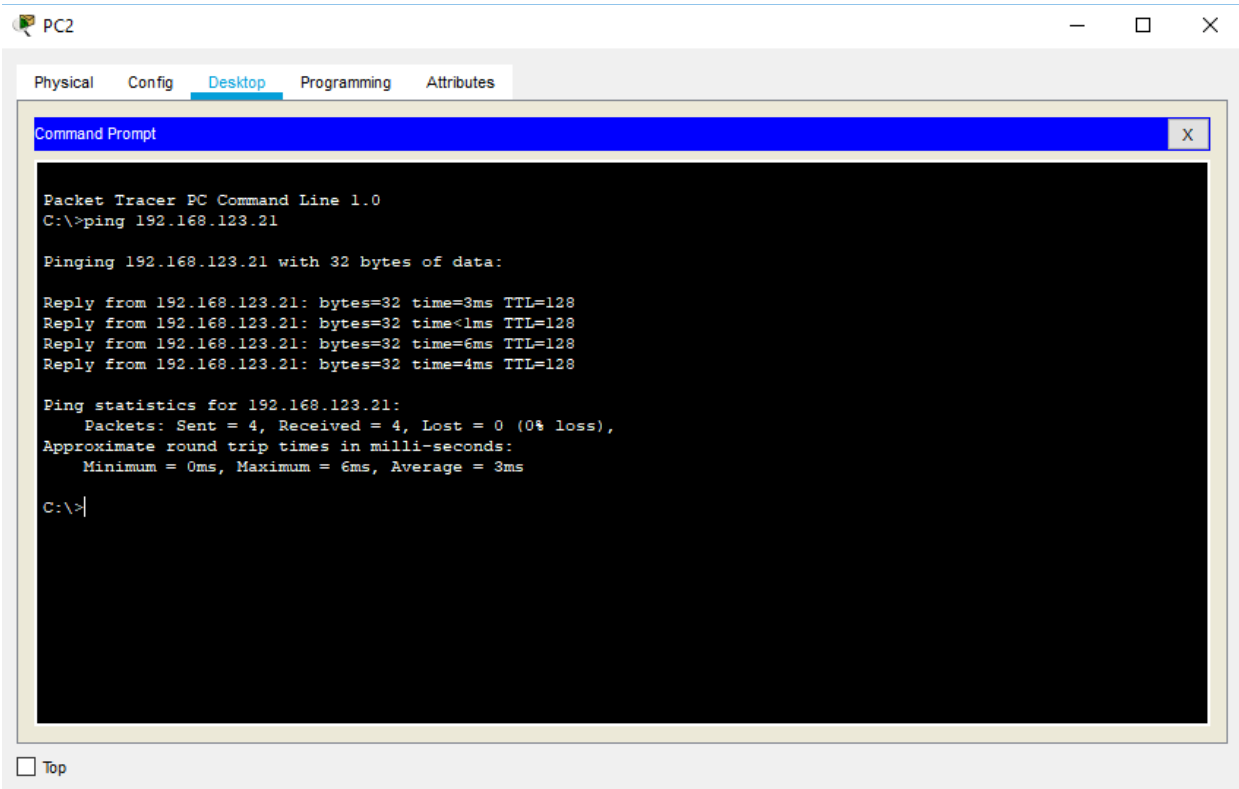
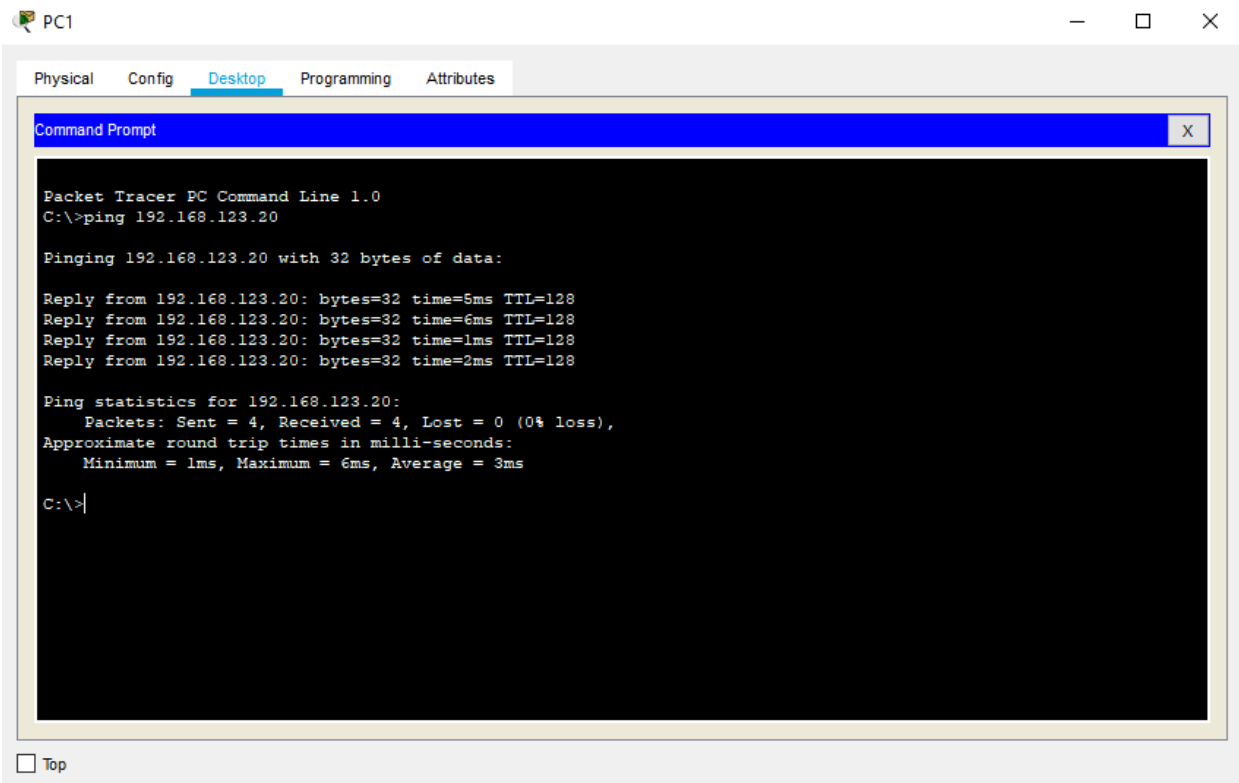
MD5

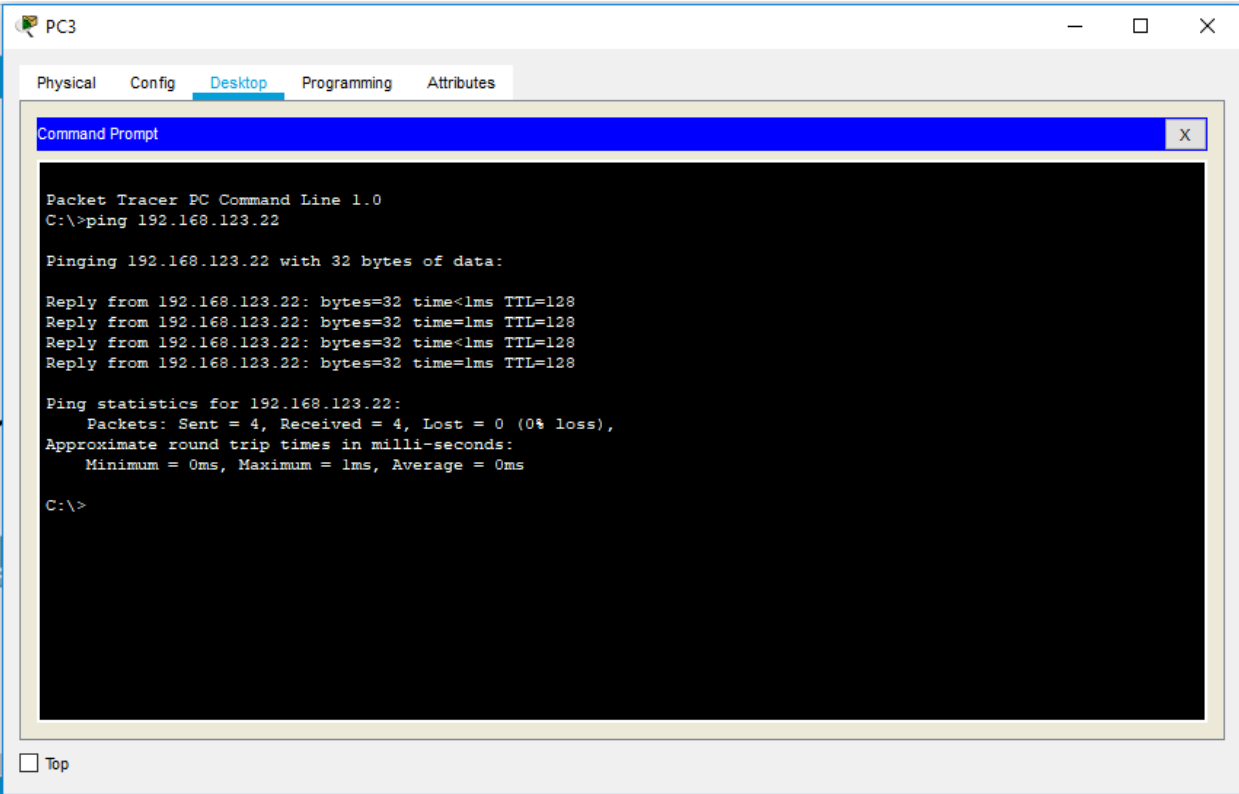
Username

Password

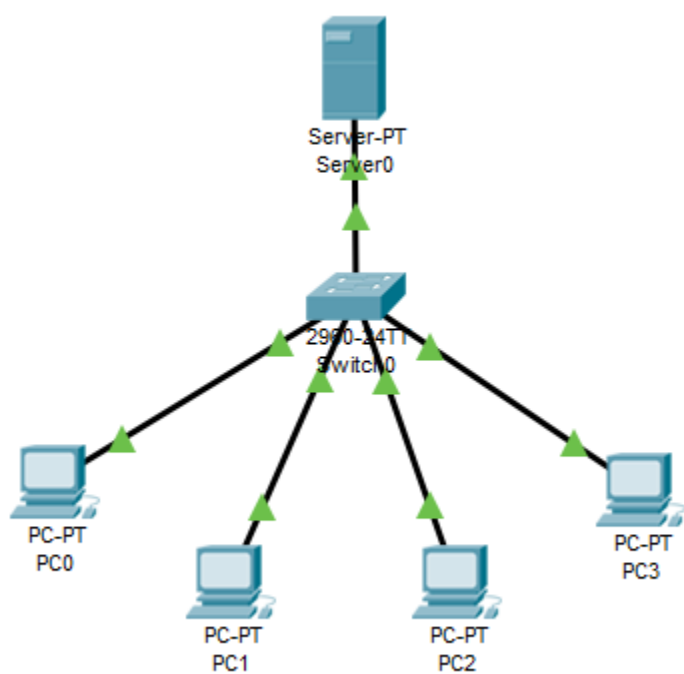
☐ Top







2. PRAKTIKUM 2 MEMBUAT WEB SERVER



a. Konfigurasi IP address pada PC0

PC0

Physical Config **Desktop** Programming Attributes

☒ DHCP ☐ Static DHCP request successful.

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:F7FF:FEC0:1481

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

b. Konfigurasi IP address pada Server0

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

0030.F204.D2CD

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::230:F2FF:FE04:D2CD

☐ Top

c. Memilih HTTP pada bagian services dan memastikan radio button service HTTP pada pilihan ON

Server0

Physical

Config

Services

Desktop

Programming

Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

HTTP

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)

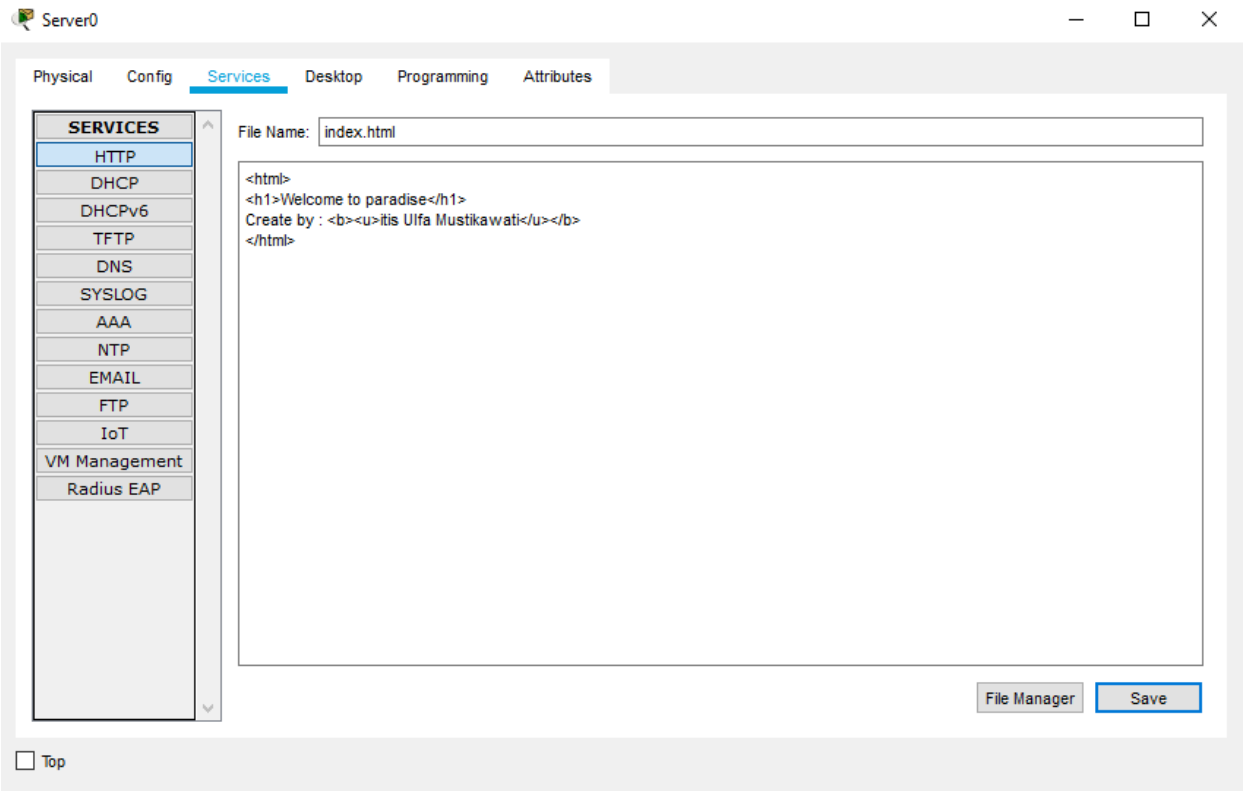
New File

Import

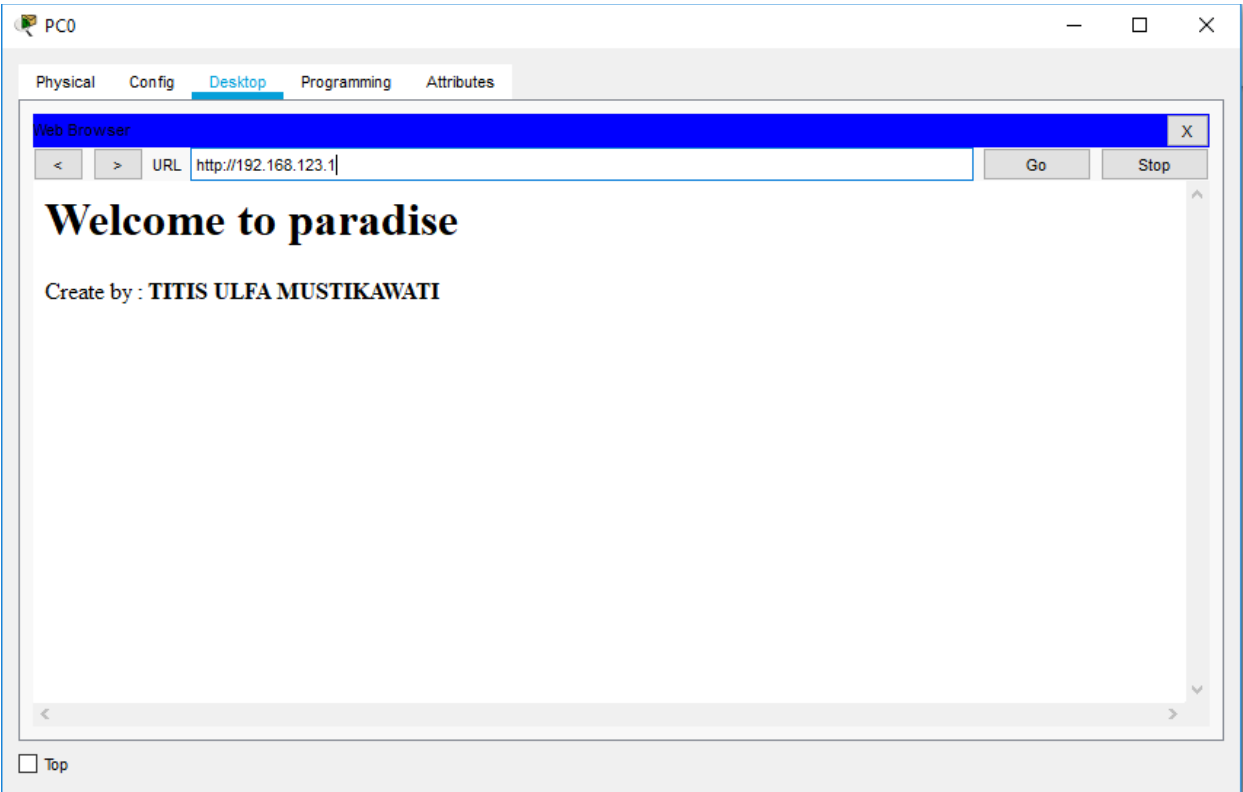
☐ Top



d. Mengubah halaman homepage server0

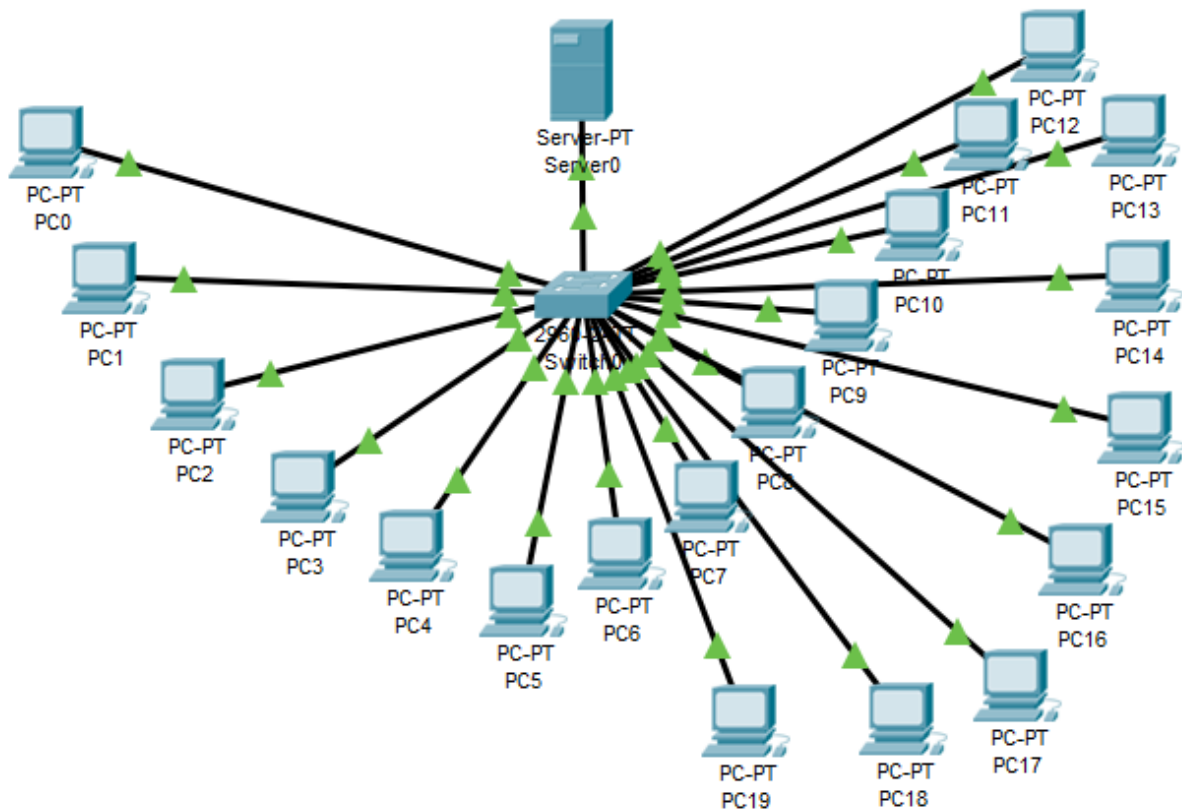


e. Melakukan browsing http



## TUGAS

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



#### a. Mengisi IP address

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 0030.F204.D2CD

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::230:F2FF:FE04:D2CD

☐ Top

b. Mengaktifkan DHCP dan mengisi 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

Radius EAP

DHCP

InterfaceFastEthernet0Service ☒ On ☐ Off

Pool NameserverPool

Default Gateway0.0.0.0

DNS Server0.0.0.0

Start IP Address :19216812319

Subnet Mask:2552552550

Maximum Number of Users :20

TFTP Server:0.0.0.0

WLC Address:0.0.0.0

AddSaveRemove

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	192.168.123.19	255.255.255.0	5	0.0.0.0	0.0.0.0

☐ Top

c. Mengkonfigurasi sisi client dengan memastikan pilihan radio button pada pilihan DHCP

PC0

Physical Config **Desktop** Programming Attributes

☒ DHCP ☐ Static

DHCPrequest successful.

IP Address192.168.123.19

Subnet Mask255.255.255.0

Default Gateway0.0.0.0

DNS Server0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address

Link Local AddressFE80::2E0:F7FF:FEC0:1481

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

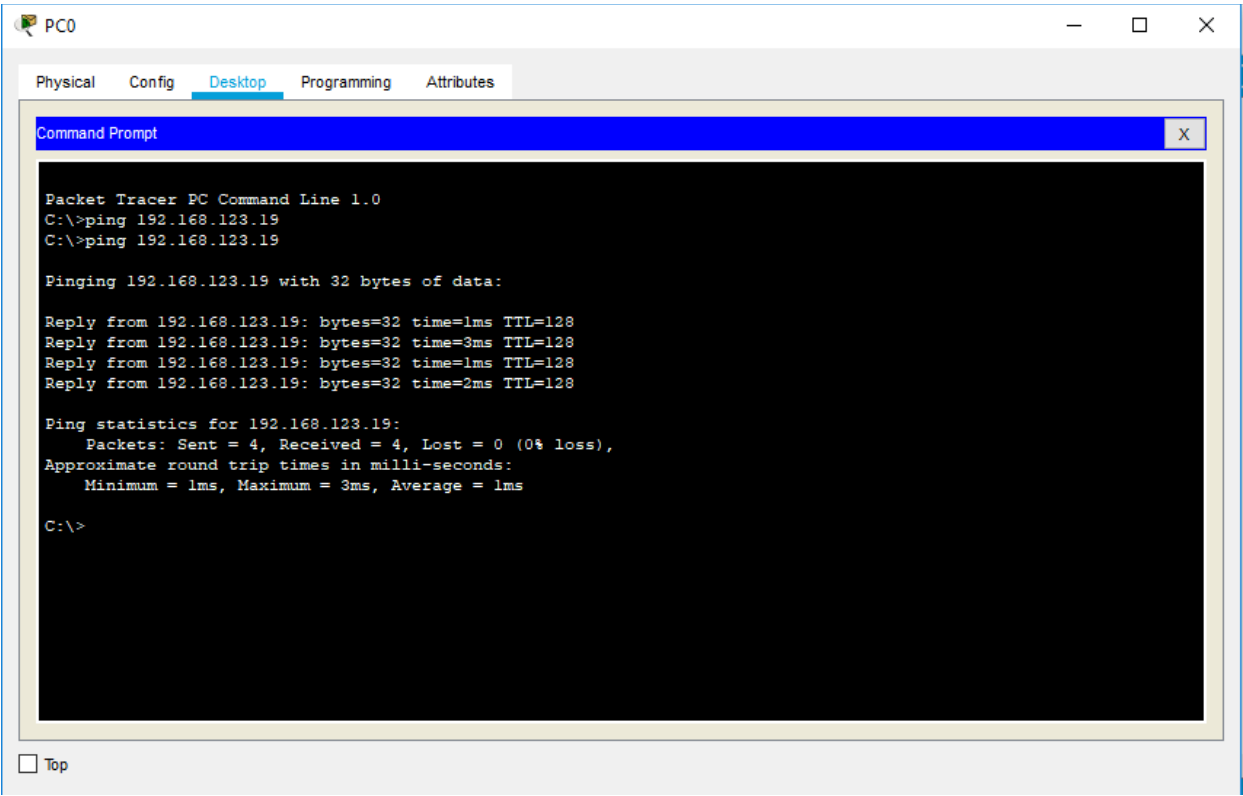
AuthenticationMD5

Username

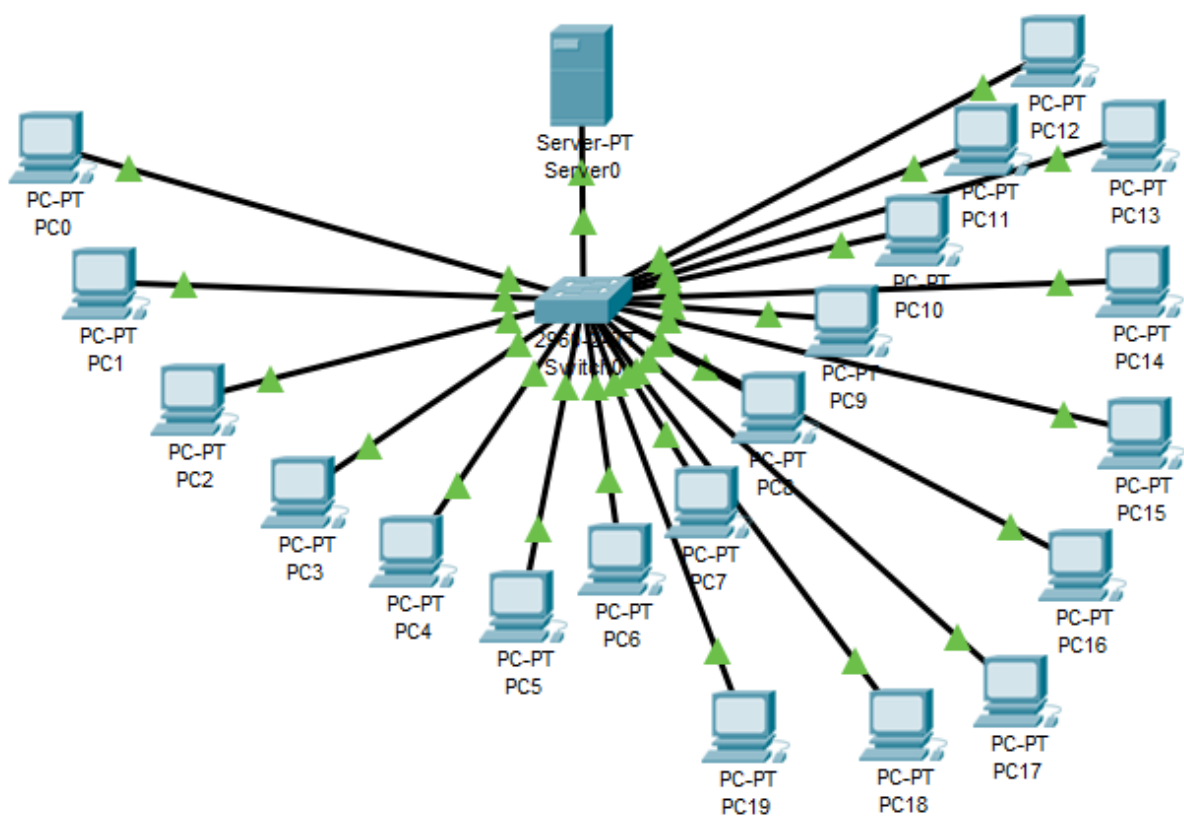
Password

☐ Top

d. Melakukan ping ke semua PC



2. MEMBUAT WEB SERVER



a. Konfigurasi IP address pada PC0

PC0

Physical Config **Desktop** Programming Attributes

☒ DHCP ☐ Static DHCP request successful.

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:F7FF:FE00:1481

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

b. Konfigurasi IP address pada Server0

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

0030.F204.D2CD

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::230:F2FF:FE04:D2CD

☐ Top

c. Memilih HTTP pada bagian services dan memastikan radio button service HTTP pada pilihan ON

Server0

Physical

Config

Services

Desktop

Programming

Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

HTTP

HTTP

☒ On

☐ Off

HTTPS

☒ On

☐ Off

File Manager

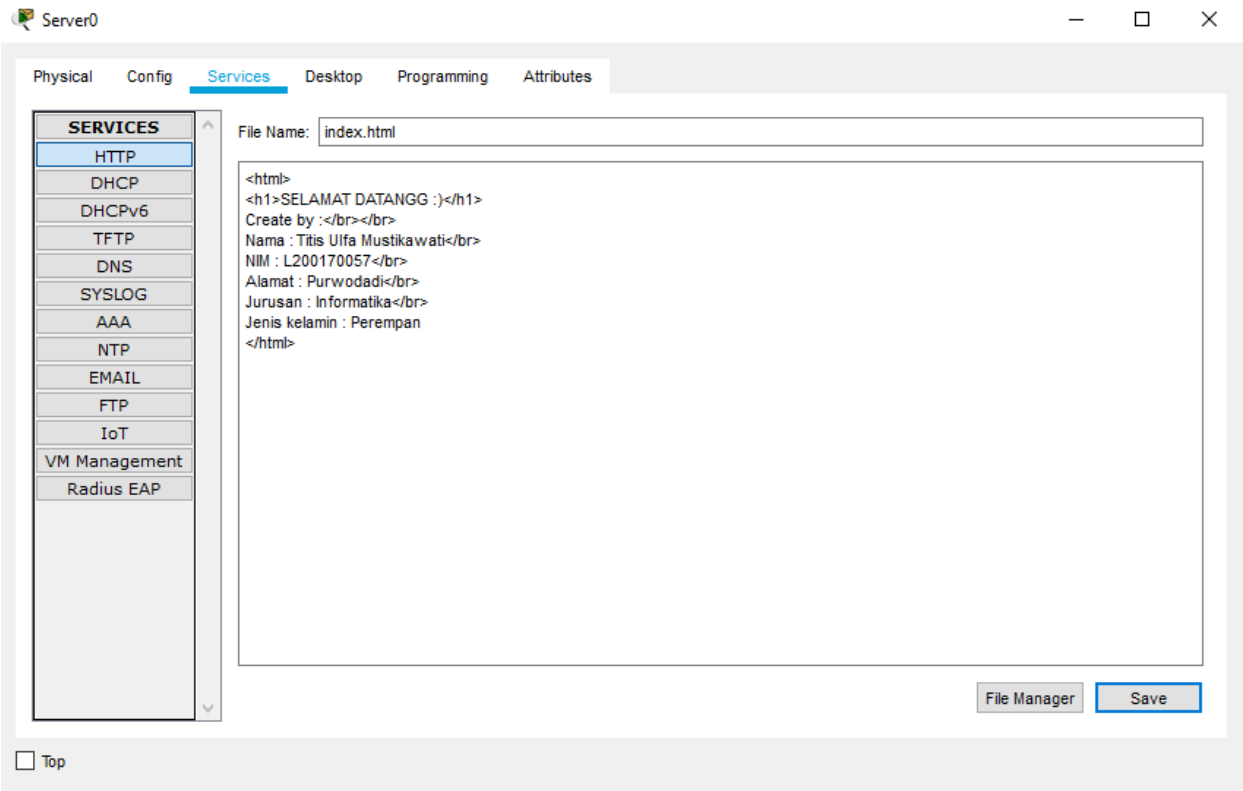
	File Name	Edit	Delete
1	copyrights.html	(edit)	(delete)
2	cscoptlogo177x111.jpg		(delete)
3	helloworld.html	(edit)	(delete)
4	image.html	(edit)	(delete)
5	index.html	(edit)	(delete)

New File

Import

☐ Top

d. Mengubah halaman homepage server0



e. Melakukan browsing http

