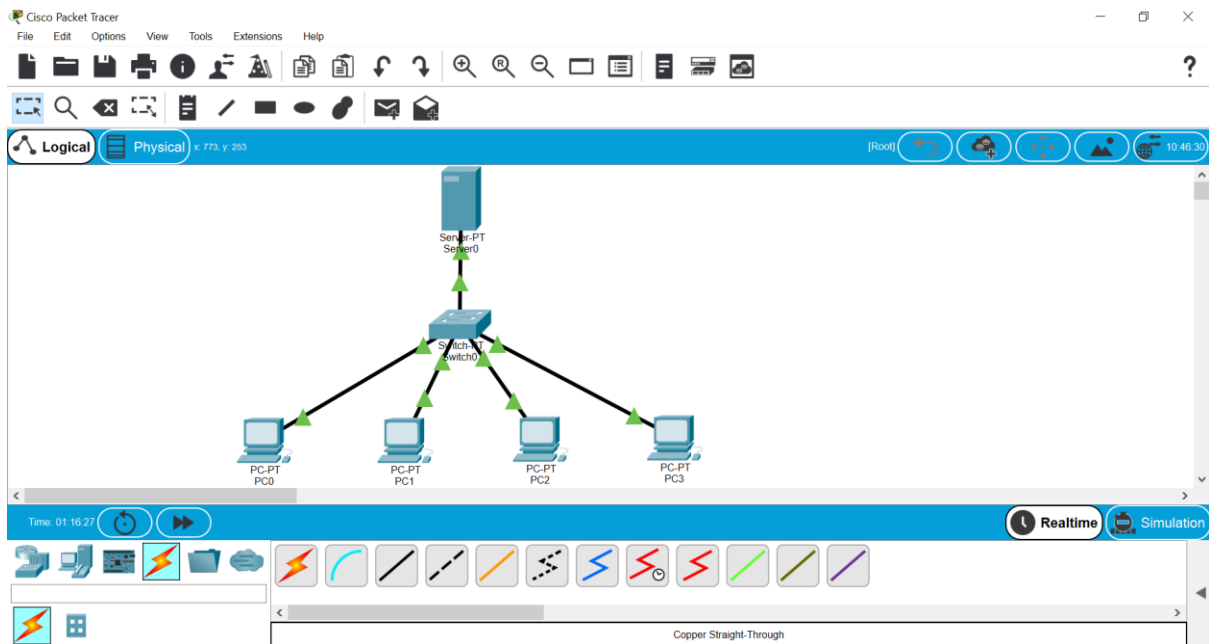


Nama : Nur Fitria Melani  
NIM : L200180012  
Kelas : A

## MODUL 5. DHCP SERVER DAN WEB SERVER

### Kegiatan Praktikum

#### Praktikum 1. Membuat DHCP Server



#### Konfigurasi dhcp server pada server0

The configuration window for 'Server0' 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:** 00D0 BC26 15C2
- IP Configuration:** DHCP
- IP Address:** 192.168.123.1
- Subnet Mask:** 255.255.255.0
- IPv6 Configuration:** Static
- IPv6 Address:** FE80::2D0:BCFF:FE26:15C2
- Link Local Address:** FE80::2D0:BCFF:FE26:15C2

Server0

Physical Config **Services** Desktop Programming Attributes

**SERVICES**

- HTTP
- DHCP**
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

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	192 168 123 19	255 255 255 0	5	0.0.0.0	0.0.0.0

☐ Top

## Konfigurasi pada semua sisi client

PC0

Physical Config **Desktop** Programming Attributes

**IP Configuration** X

Interface: FastEthernet0

IP Configuration

☒ 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::260:47FF:FE0B:6434

IPv6 Gateway:

IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

☐ Top

PC1

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☒ 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::2D0:FFFF:FEA5:1B97

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

Top

PC2

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☒ 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:FE81:D10C

IPv6 Gateway

IPv6 DNS Server

802.1X

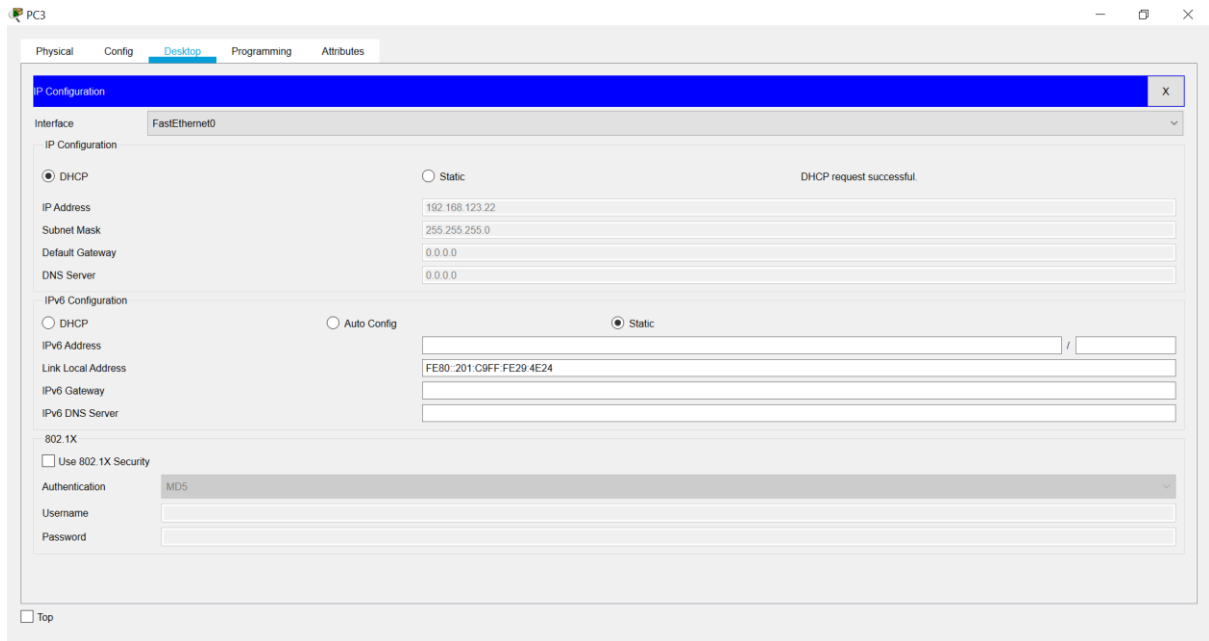
☐ Use 802.1X Security

Authentication MD5

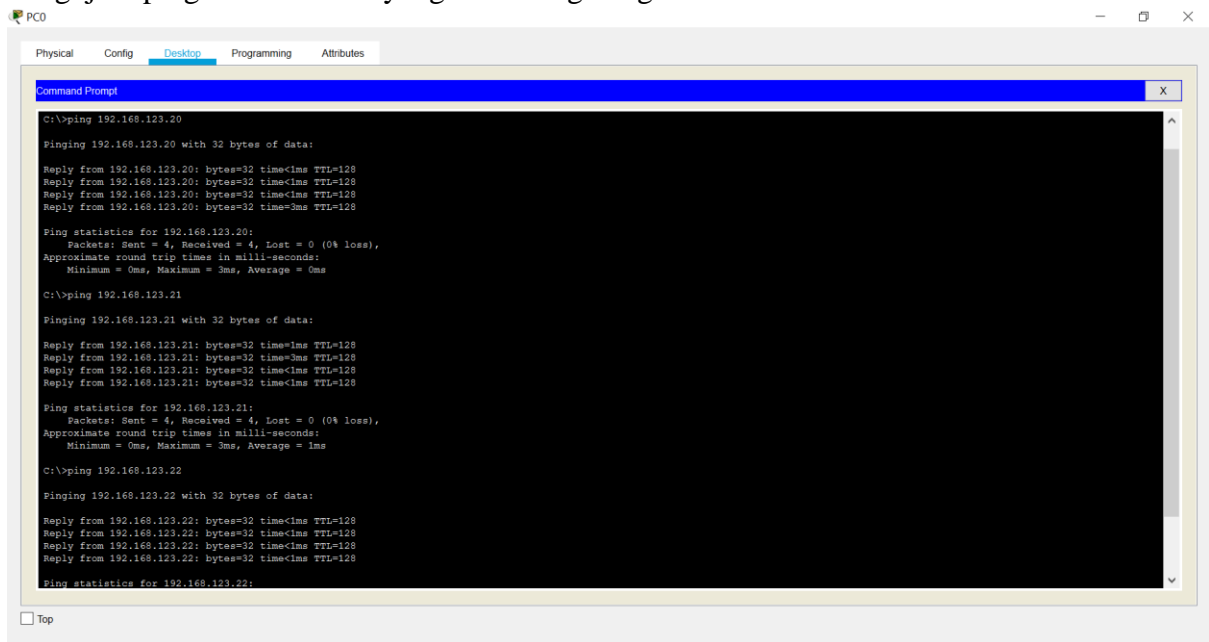
Username

Password

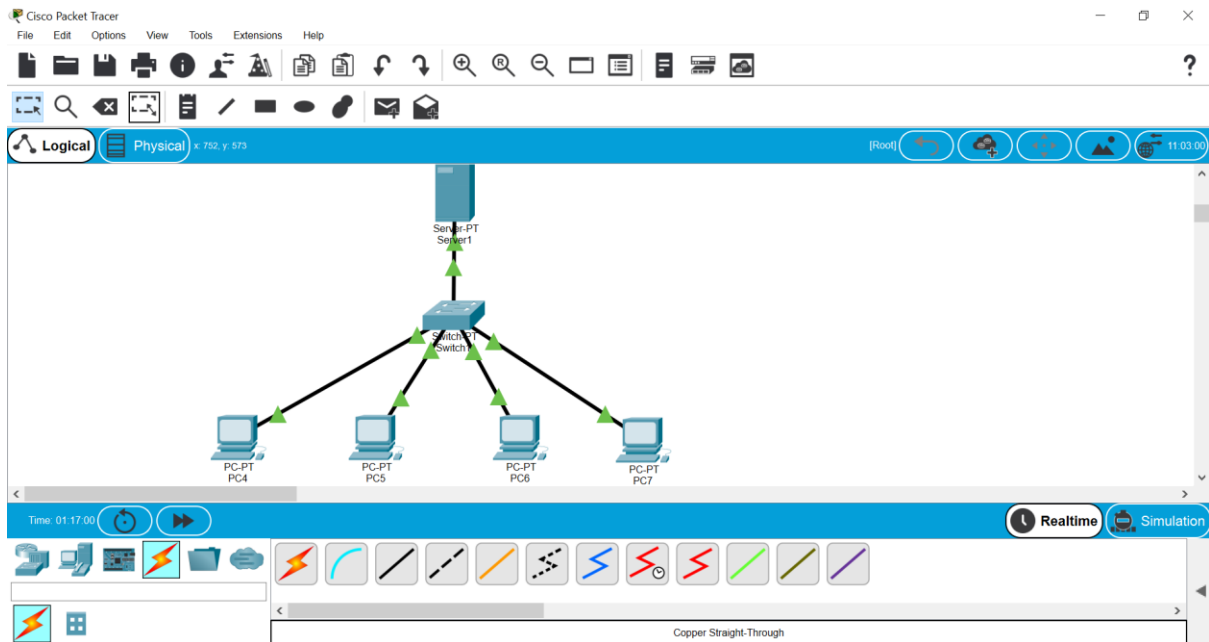
Top



## Pengujian ping ke semua PC yang terhubung dengan server DHCP



## Praktikum 2. Membuat Web Server



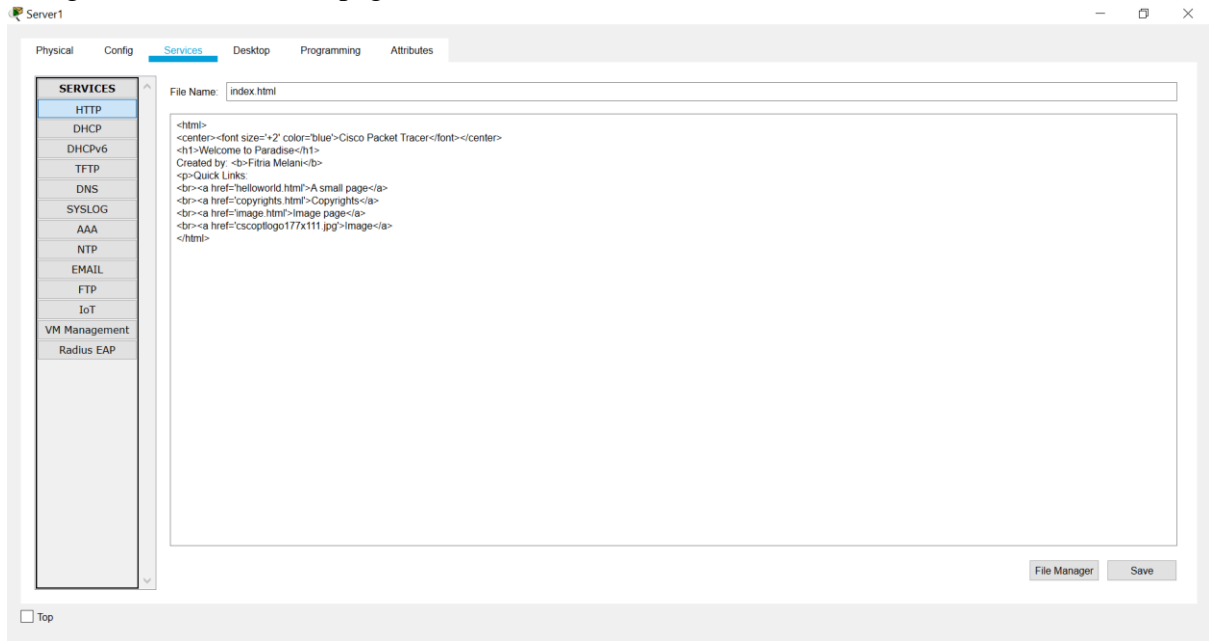
## Mengkonfigurasi IP address pada Server

The configuration window for 'Server1' is shown, specifically the 'Config' tab for the 'FastEthernet0' interface. The configuration includes:

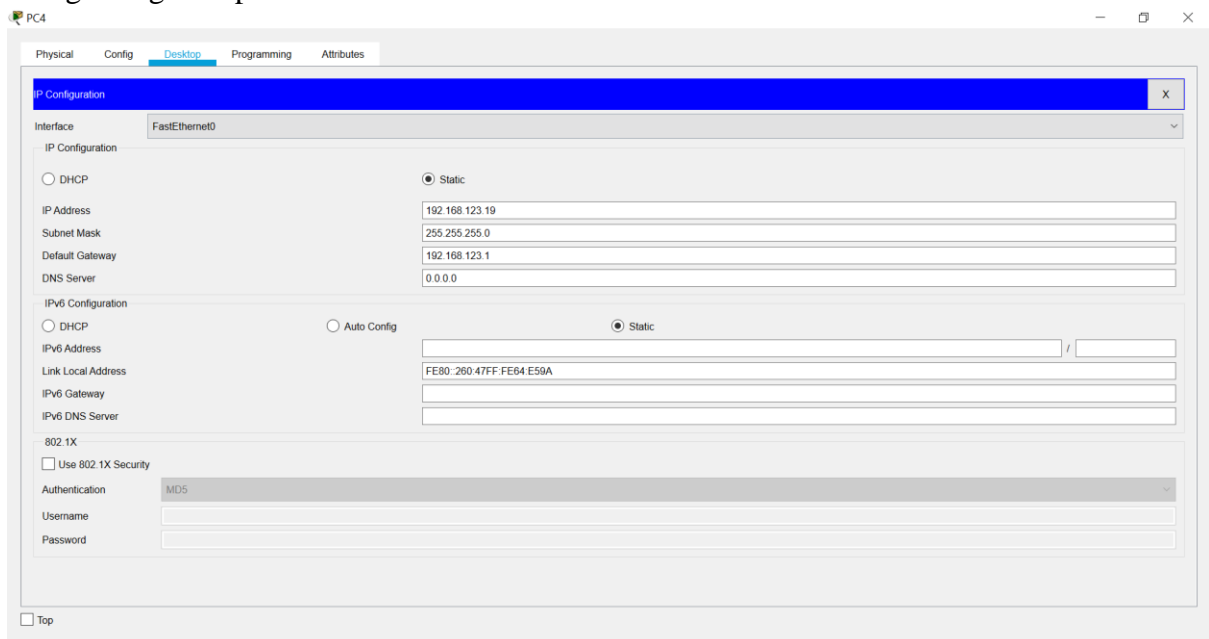
- Port Status:** On (checked)
- Bandwidth:** 100 Mbps (selected), 10 Mbps (unselected), Auto (checked)
- Duplex:** Half Duplex (selected), Full Duplex (unselected), Auto (checked)
- MAC Address:** 0001.4244.C46C
- IP Configuration:** Static (selected), DHCP (unselected), Auto Config (unselected)
- IP Address:** 192.168.123.1
- Subnet Mask:** 255.255.255.0
- IPv6 Configuration:** Static (selected), DHCP (unselected), Auto Config (unselected)
- IPv6 Address:** FE80::201:42FF:FE44:C46C
- Link Local Address:** FE80::201:42FF:FE44:C46C

The 'Physical' tab is also visible on the left, showing the 'FastEthernet0' interface.

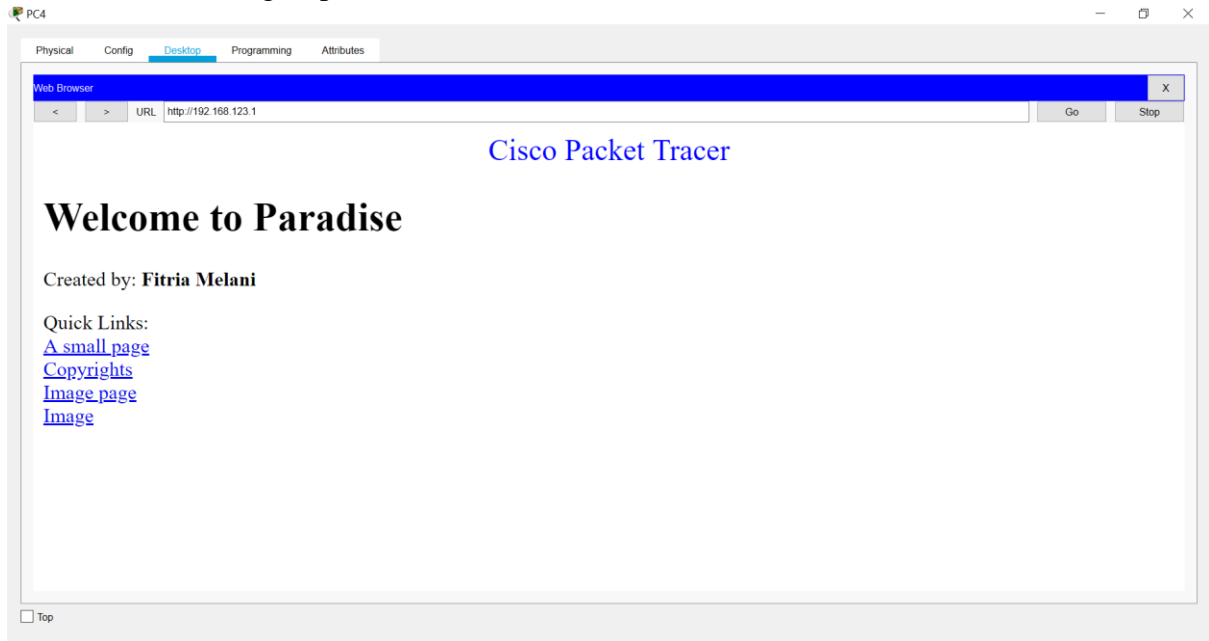
## Mengubah halaman homepage



## Mengkonfigurasi pada sisi client

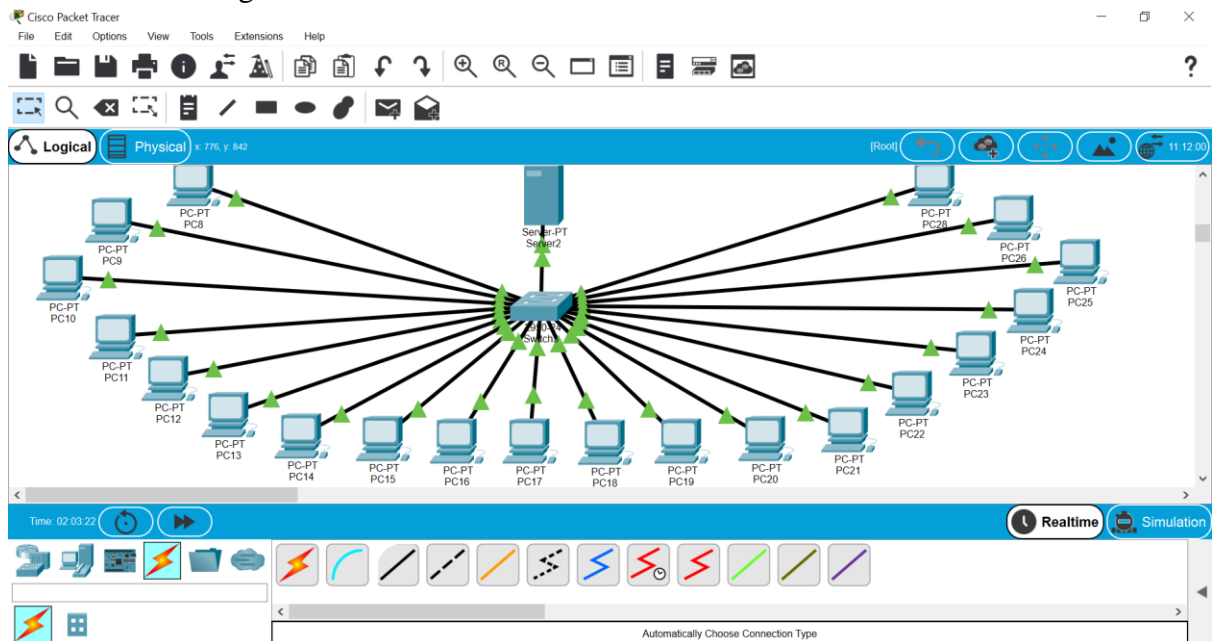


Melakukan browsing http



## TUGAS

1. DHCP Server dengan client terdiri dari 20 PC



## Mengkonfigurasi pada client

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x 744, y 849

Time: 01:56:29

PC13

Physical Config Desktop Programming Attributes

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IP Address 192.168.123.24

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::240:BFF:FEB1:346D

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x 471, y 804

Time: 01:58:40

PC18

Physical Config Desktop Programming Attributes

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IP Address 192.168.123.29

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::201:63FF:FE91:1CC6

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

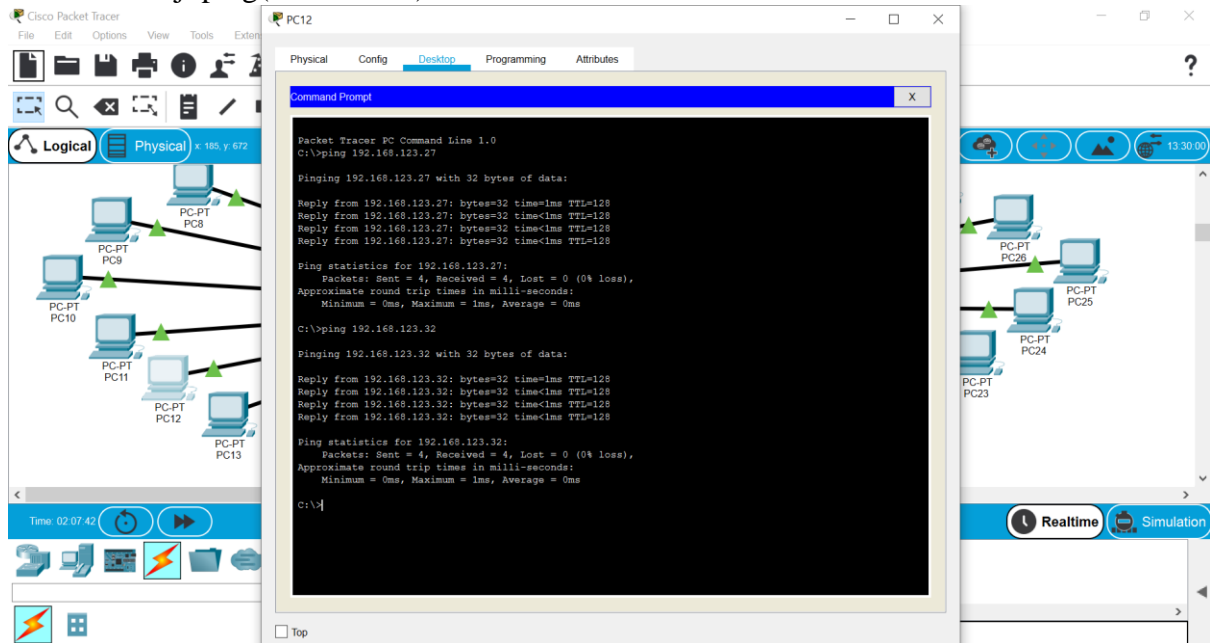
Username

Password

☐ Top



## Melakukan uji ping(secara acak)



## 2. Membuat web server dan mengubah tampilan web

