

Nama : Dhimas Muhammad

NIM : L200180148

Kelas : D

## PRAKTIKUM JARINGAN KOMPUTER MODUL 5

### • Praktikum 1

#### Konfigurasi ip server0

The image displays a Cisco Packet Tracer interface. On the left, a network topology is shown with a central 'Switch-PT' connected to four 'PC-PT' devices (PC0, PC1, PC2, PC3) and a 'Server-PT' labeled 'Server0'. The 'Server0' is connected to the 'Switch-PT'. On the right, the configuration window for 'Server0' is open, showing the 'FastEthernet0' interface configuration. The configuration includes the following details:

- Port Status:** On
- Bandwidth:** 100 Mbps
- Duplex:** Full Duplex
- MAC Address:** 0006.2ADD.4E03
- IP Configuration:** Static
- IP Address:** 192.168.123.1
- Subnet Mask:** 255.255.255.0
- IPv6 Configuration:** Static
- IPv6 Address:** FE80::206:2AFF:FE0D:4E03
- Link Local Address:** FE80::206:2AFF:FE0D:4E03

## Konfigurasi DHCP server

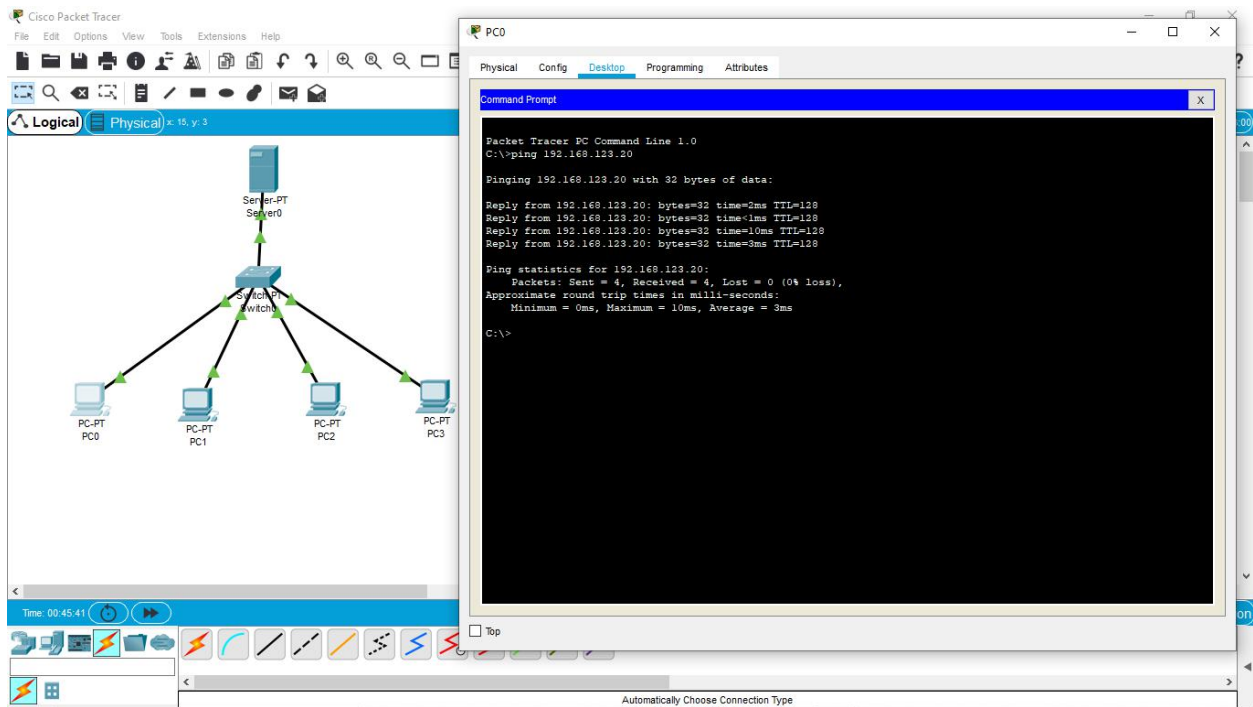
The image shows the Cisco Packet Tracer interface. On the left, a network topology is displayed with a central Switch connected to four PCs (PC0, PC1, PC2, PC3) and a Server-PT (Server0). The Server0 window is open, showing the 'Services' tab. The 'DHCP' service is configured for the 'FastEthernet0' interface. The configuration includes a pool name 'serverPool', a default gateway of 0.0.0.0, a DNS server of 0.0.0.0, and a start IP address of 192.168.123.19 with a subnet mask of 255.255.255.0. The maximum number of users is set to 5. The TFTP server and WLC address are both 0.0.0.0. A table at the bottom lists the configuration details for the 'serverPool'.

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

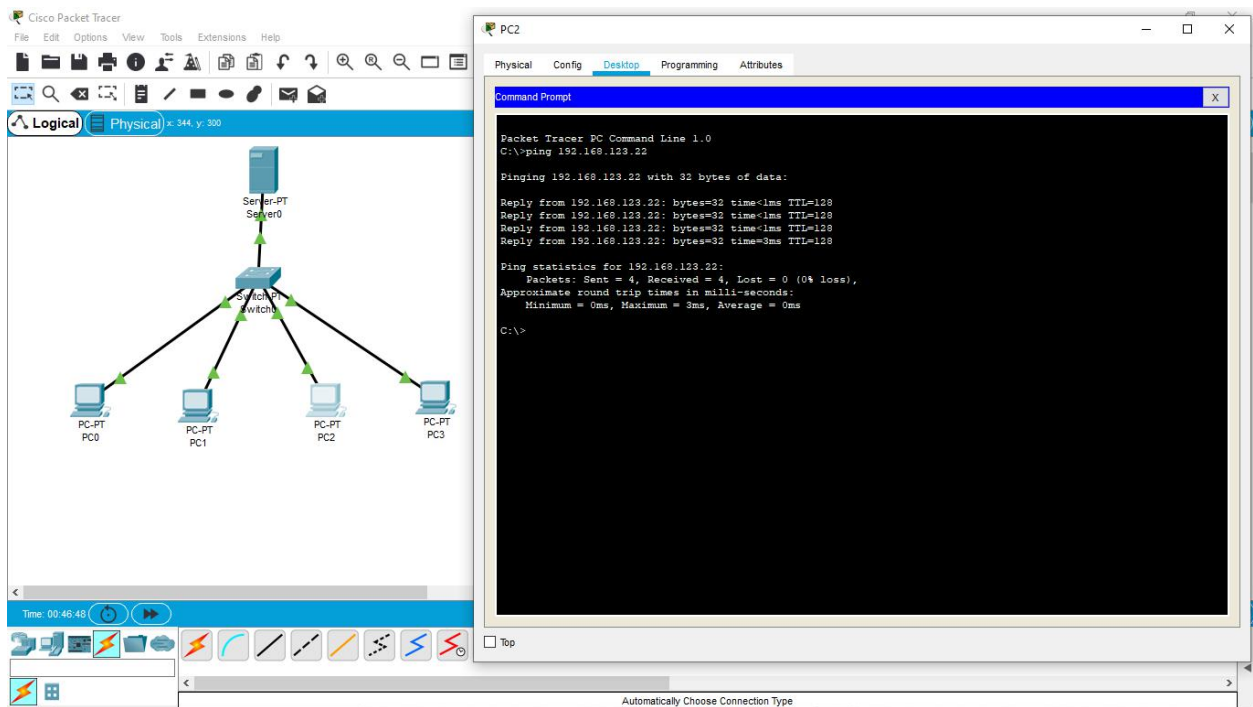
## Konfigurasi ip PC

The image shows the Cisco Packet Tracer interface. On the left, the same network topology is displayed. The PC0 window is open, showing the 'Desktop' tab. The 'IP Configuration' window is open, showing the 'FastEthernet0' interface. The 'DHCP' radio button is selected under 'IP Configuration'. The IP address is 192.168.123.19, 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. The 'IPv6 Configuration' section shows 'Static' selected, with an IPv6 address of FE80::209:7CFF:FE33:E6D4. The '802.1X' section is also visible, showing 'Use 802.1X Security' is unchecked, and the authentication method is set to 'MD5'.

## Hasil ping PC0 ke PC1

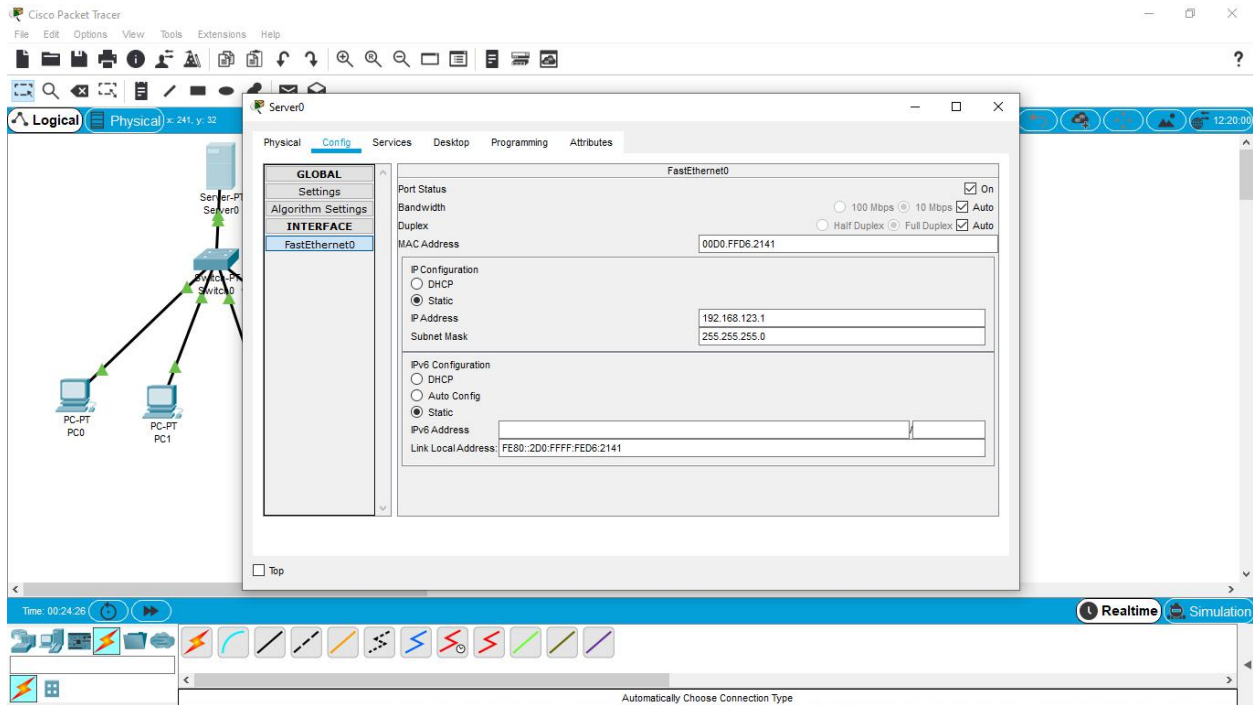


## Hasil ping PC1 ke PC2

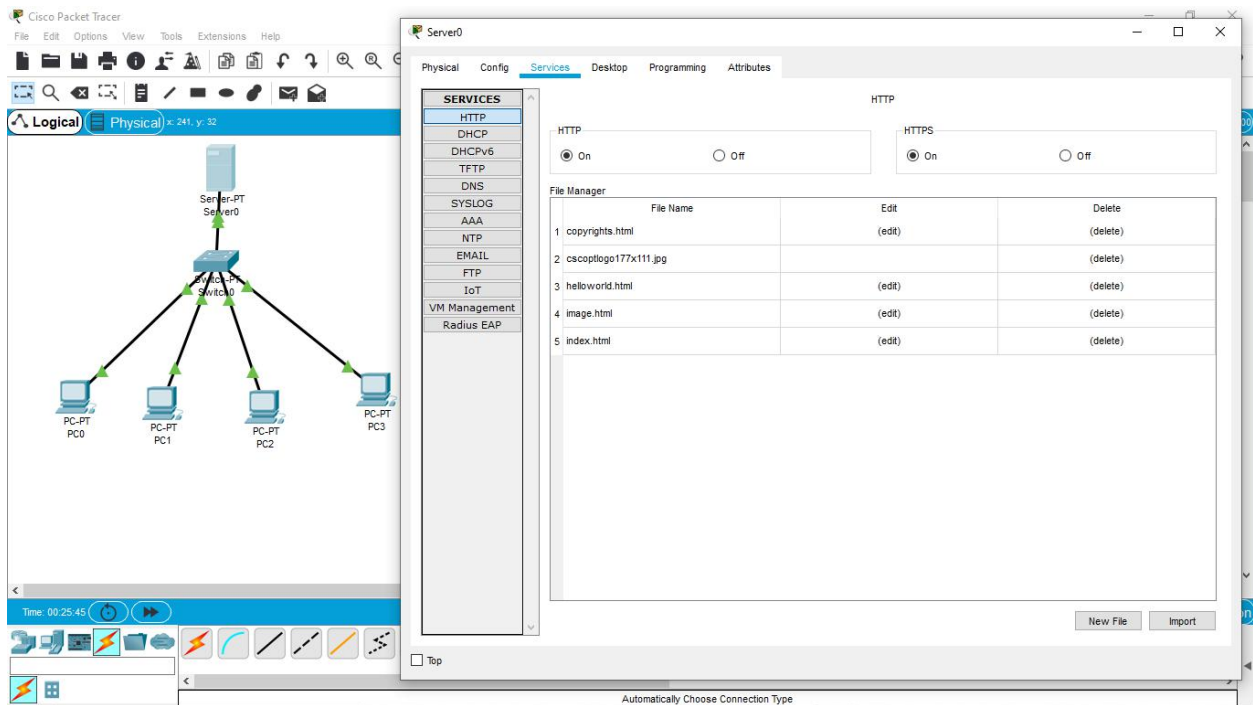


## • Praktikum 2

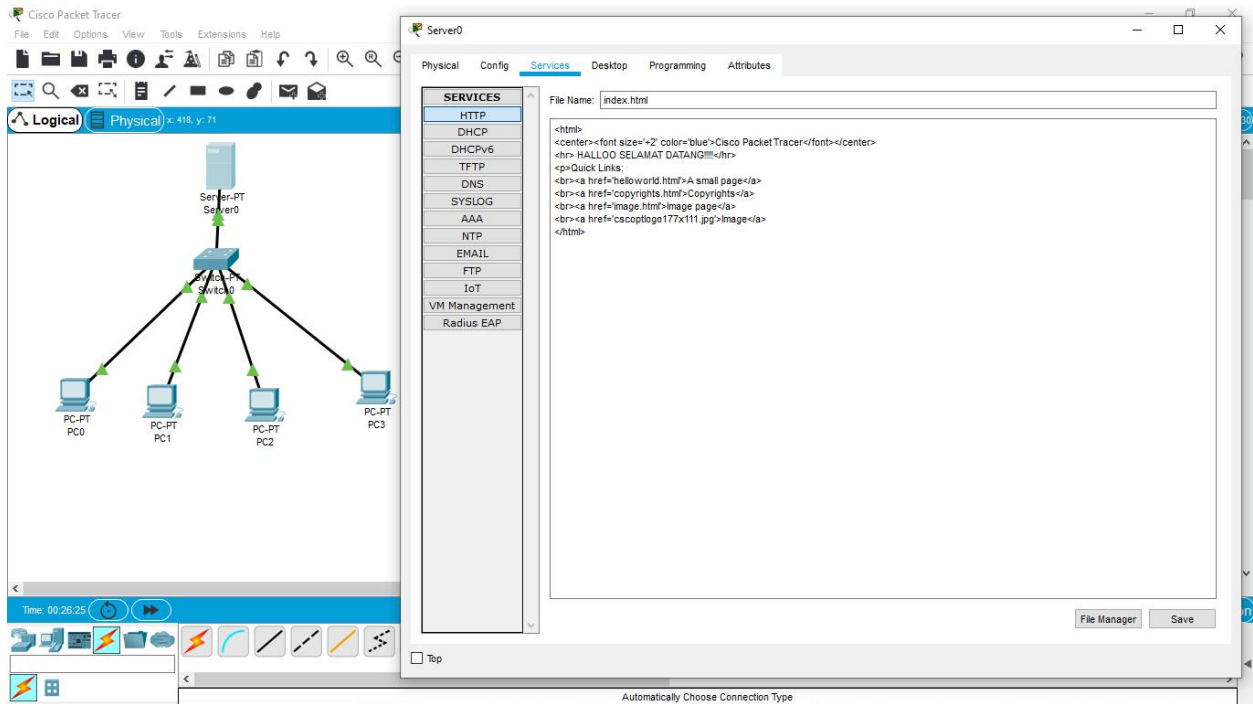
### Konfigurasi ip server0



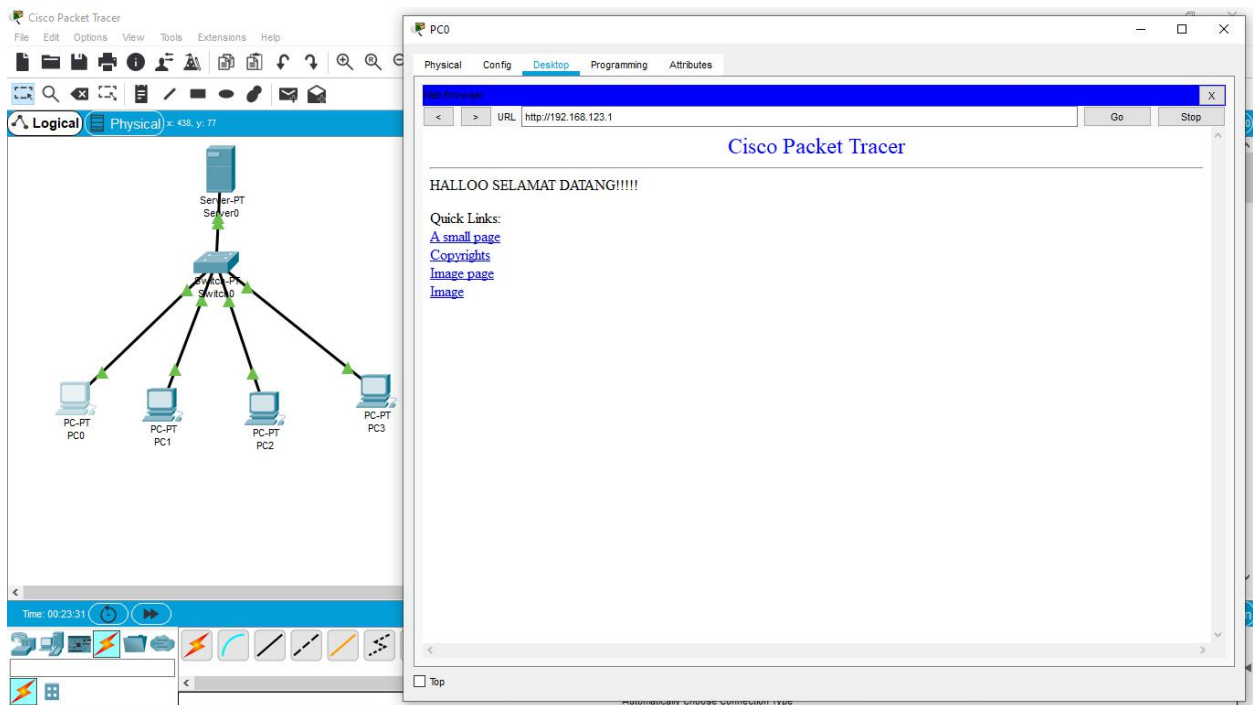
### Konfigurasi HTTP server



## Mengubah script HTML

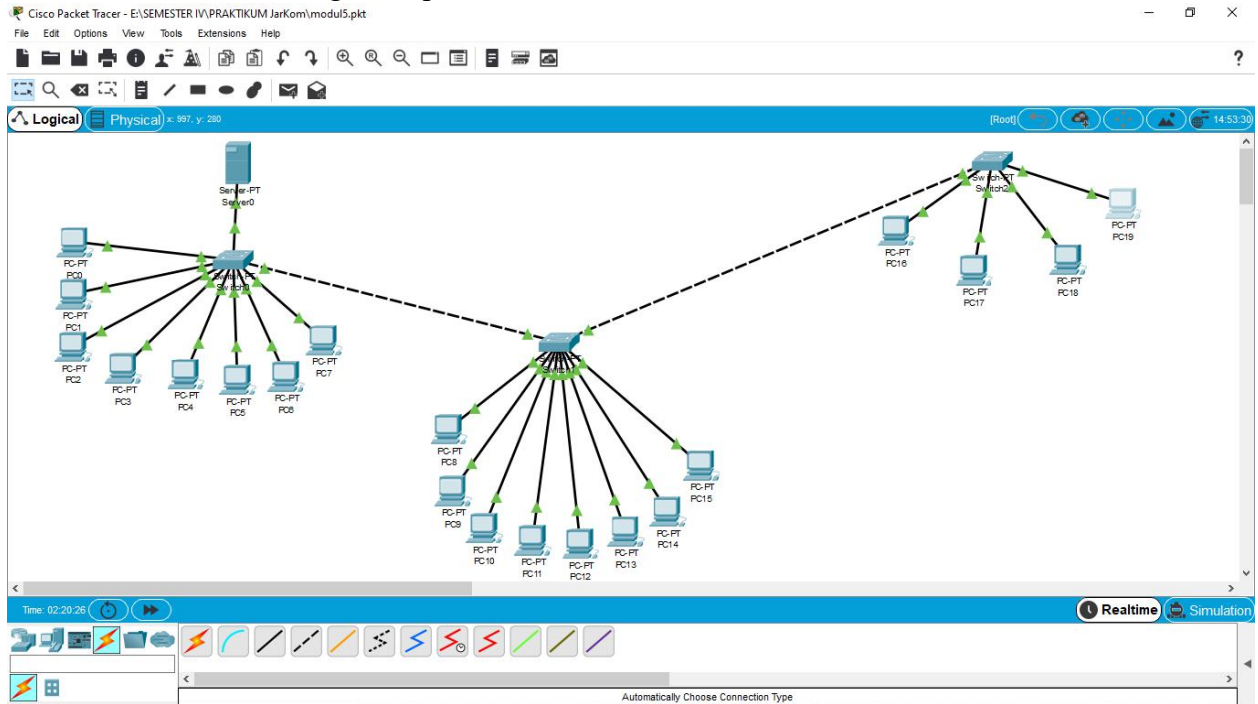


## Hasil



## • TUGAS PRAKTIKUM MODUL 5

### 1. DHCP server dengan 20 pc



The screenshot shows the configuration of the DHCP server (Server0) in the Services tab. The DHCP service is enabled on the FastEthernet0 interface. The configuration includes a pool named 'serverPool' with a default gateway of 0.0.0.0, a DNS server of 0.0.0.0, and a start IP address of 192.168.123.19. The subnet mask is 255.255.255.0, and the maximum number of users is 20. The TFTP server and WLC address are both set to 0.0.0.0.

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	20	0.0.0.0	0.0.0.0

The screenshot displays the Cisco Packet Tracer interface. On the left, a network topology is visible with a central router connected to several PCs (PC0 through PC4) and a server. The main window shows the 'Physical' tab of a selected PC, with a 'Command Prompt' window open. The Command Prompt displays the output of a ping command to 192.168.123.28, showing successful results with 0% loss. The bottom status bar indicates the time is 02:24:57 and the simulation is in 'Realtime' mode.

File Edit Options View Tools Extensions Help

PC5

Physical Config Desktop Programming Attributes

Command Prompt

```

Packet Tracer PC Command Line 1.0
C:\>ping 192.168.123.28

Pinging 192.168.123.28 with 32 bytes of data:

Reply from 192.168.123.28: bytes=32 time=14ms TTL=128
Reply from 192.168.123.28: bytes=32 time=4ms TTL=128
Reply from 192.168.123.28: bytes=32 time=1ms TTL=128
Reply from 192.168.123.28: bytes=32 time=2ms TTL=128

Ping statistics for 192.168.123.28:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 14ms, Average = 5ms

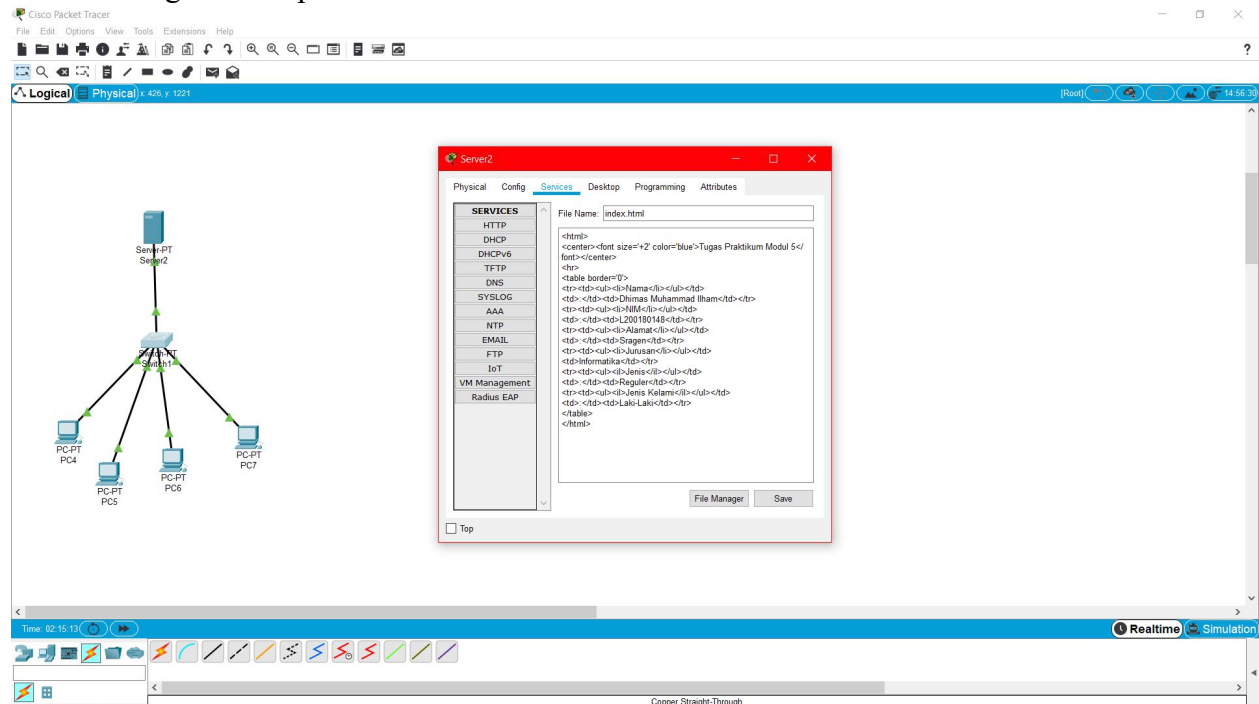
C:\>

```

Time: 02:24:57 Realtime Simulation

Automatically Choose Connection Type

## Mengubah script HTML





# Hasil

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical v. 401, p. 861 [Root] 19:30:39

```
graph TD; S[Server-PT Server2] --- S1[Switch-PT Switch1]; S1 --- PC4[PC-PT PC4]; S1 --- PC5[PC-PT PC5]; S1 --- PC6[PC-PT PC6]; S1 --- PC7[PC-PT PC7];
```

PCS

Physical Config Desktop Programming Attributes

Web Browser

URL: http://192.168.123.1 Go Stop

### Tugas Praktikum Modul 5

- Nama : Dhimas Muhammad Ilham
- NIM : L200180148
- Alamat : Sragen
- Jurusan : Informatika
- Jenist : Reguler
- Jenis Kelamin : Laki-Laki

Top

Time: 02:24:17 Realtime Simulation

Copper Straight-Through