

COMPUTER NETWORKS

PRACTICUM 5



By:

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ZARITA

NIM: L200184134

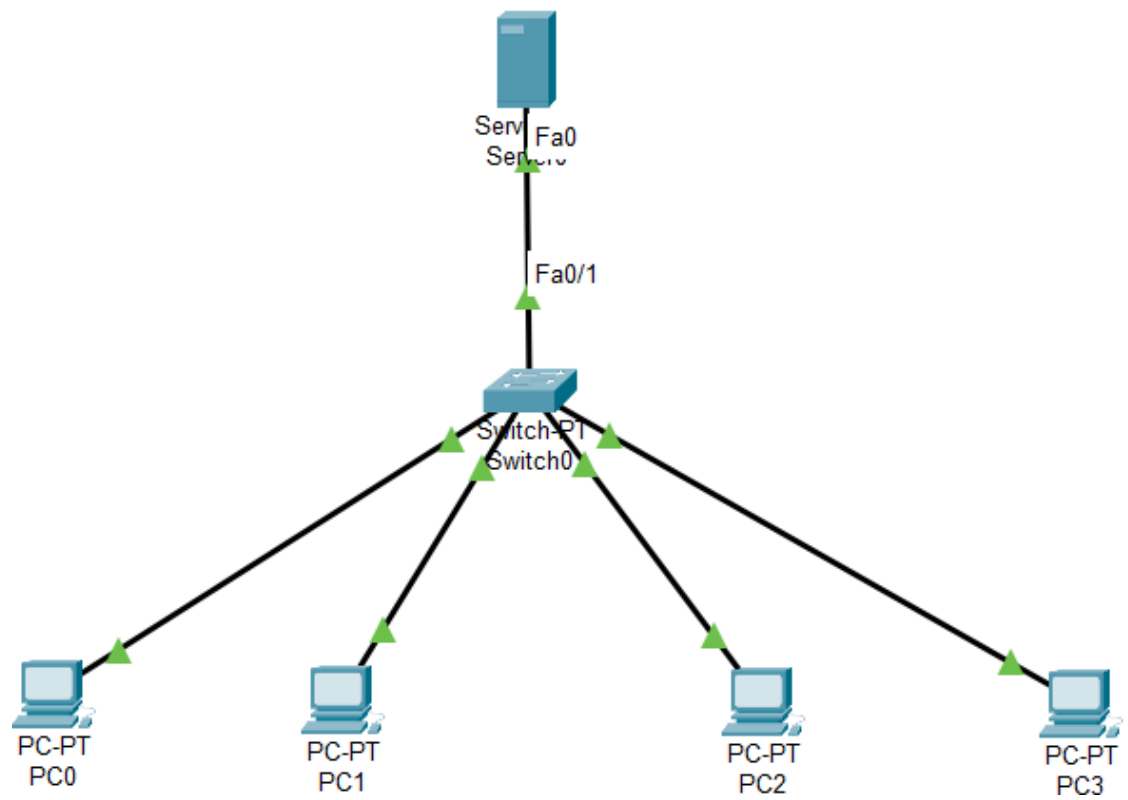
INFORMATION TECHNOLOGY

FACULTY OF COMMUNICATION AND INFORMATICS

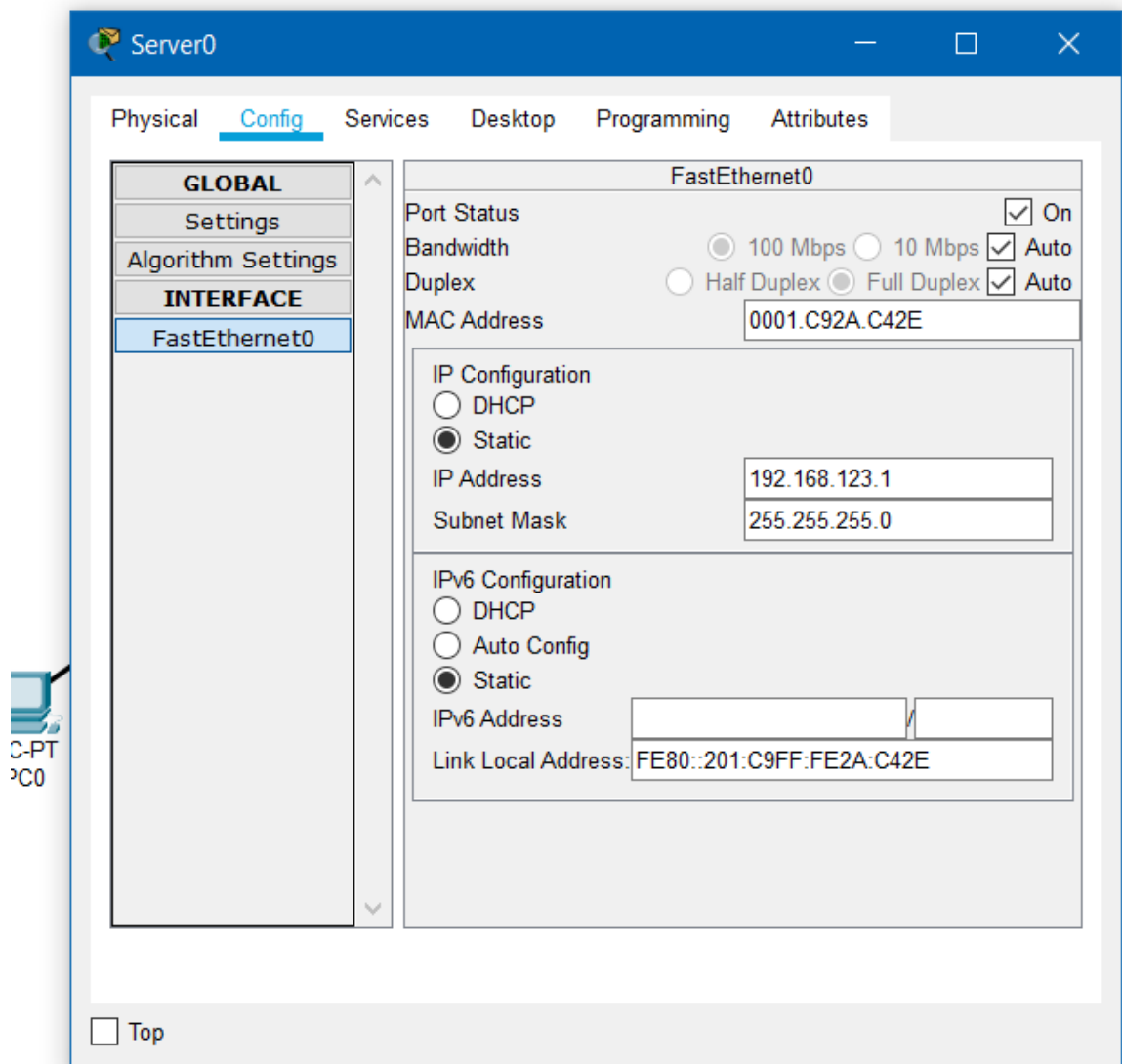
UNIVERSITY OF MUHAMMADIYAH SURAKARTA

2020

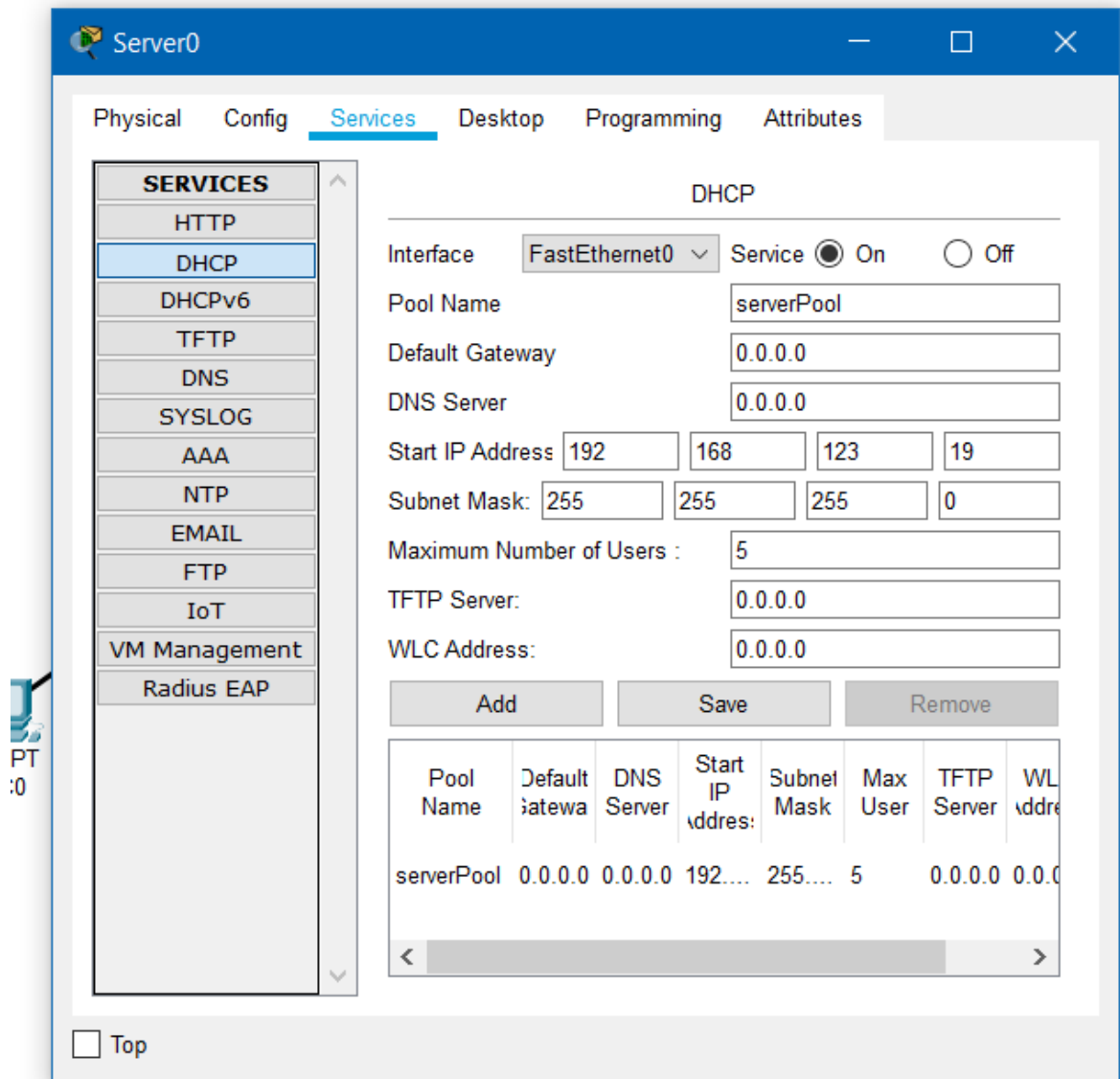
1. Activity 1



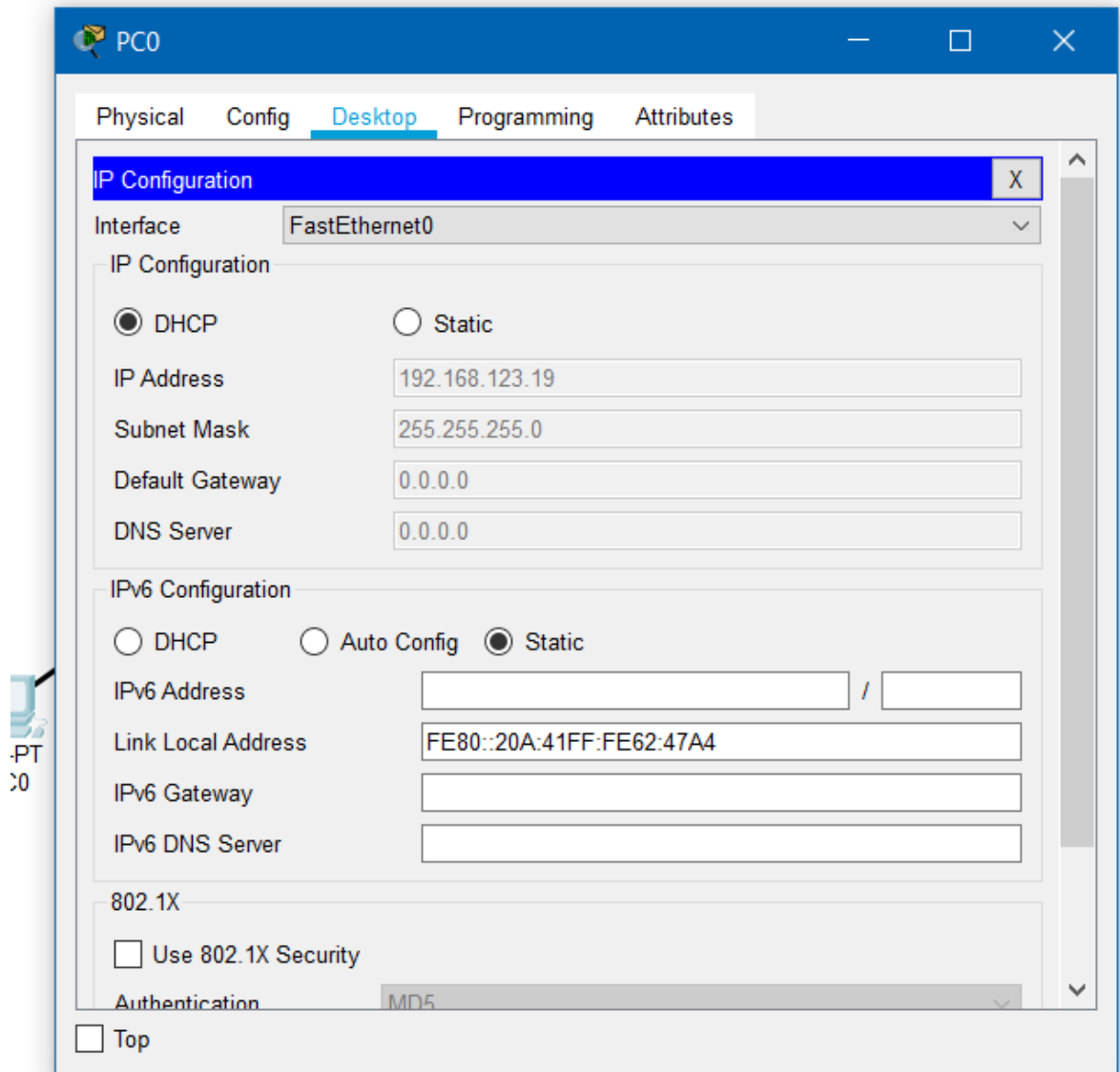
Picture 1.1. Set of DHCP Server



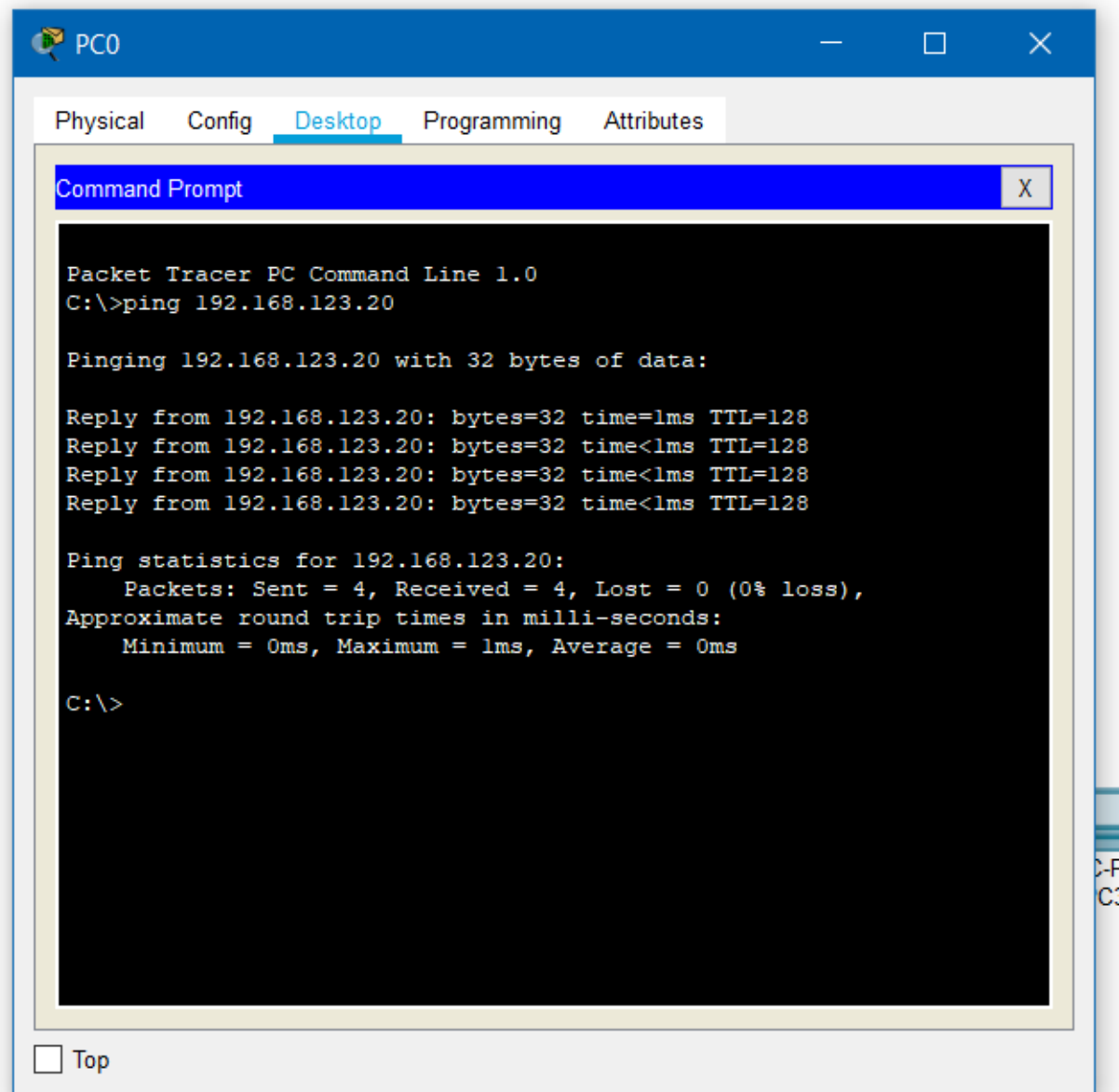
Picture 1.2. Configuration of IP address



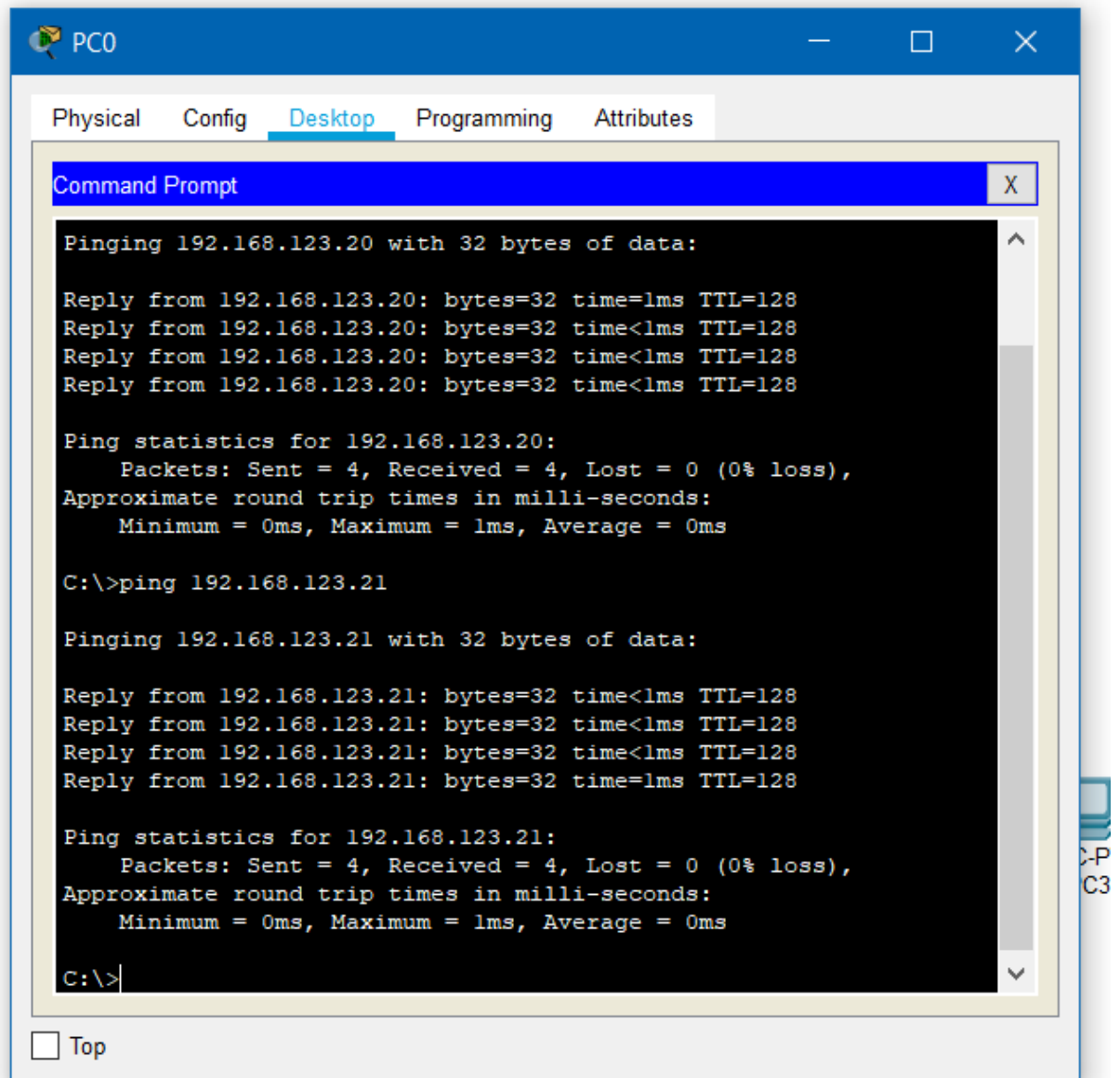
Picture 1.3. Configuration of DHCP Server



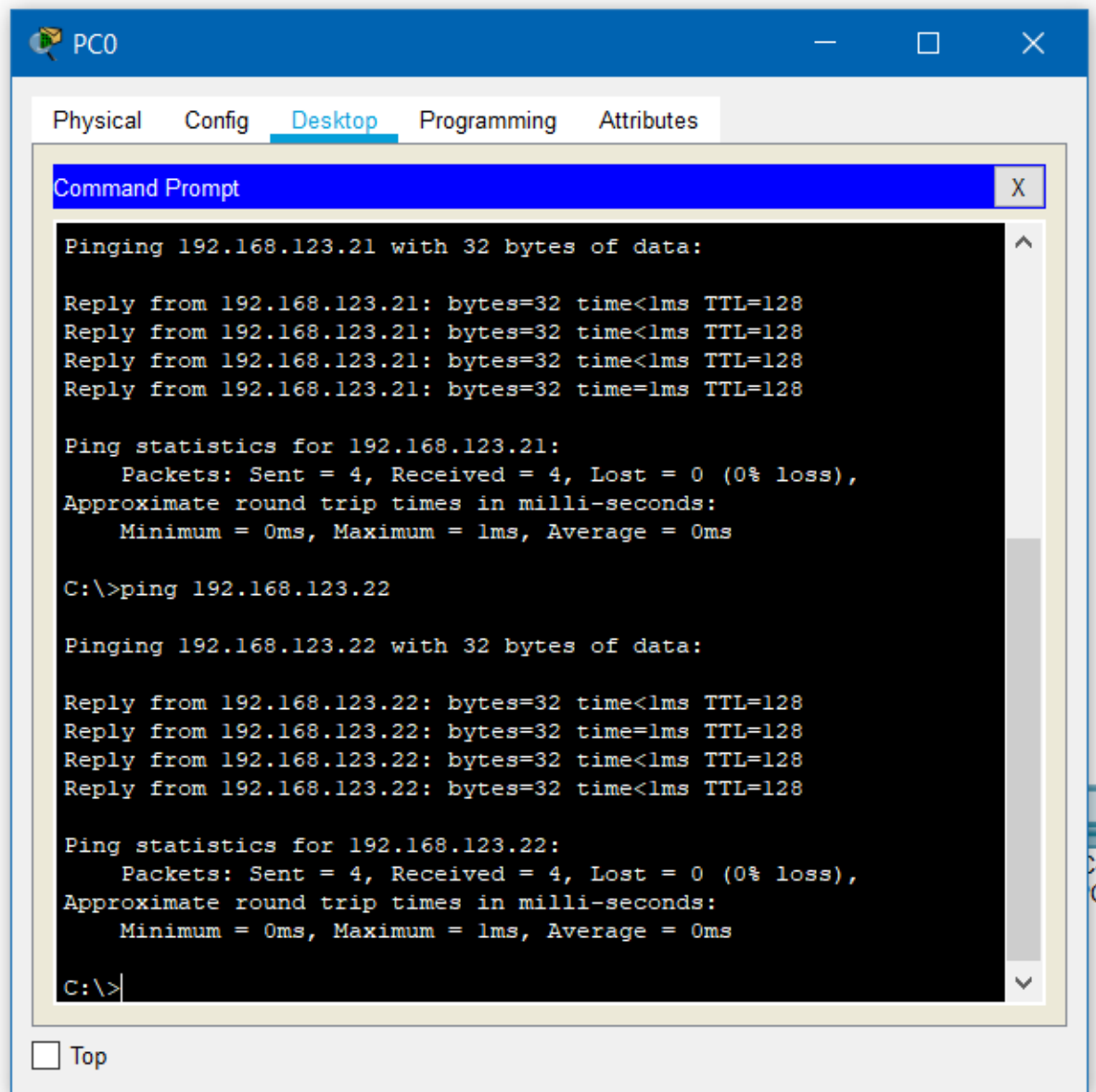
Picture 1.4. Configuration result from PC0



Picture 1.5. Pinging from PC0 to PC1

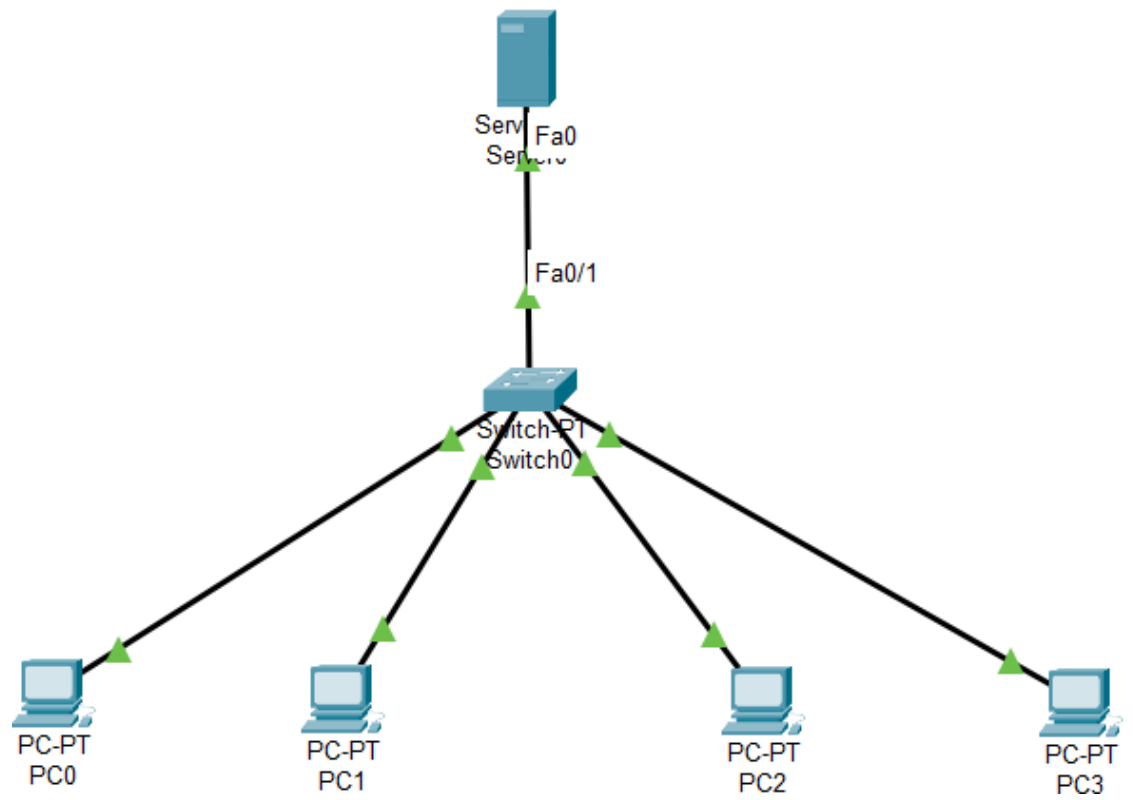


Picture 1.6. Pinging from PC0 to PC2

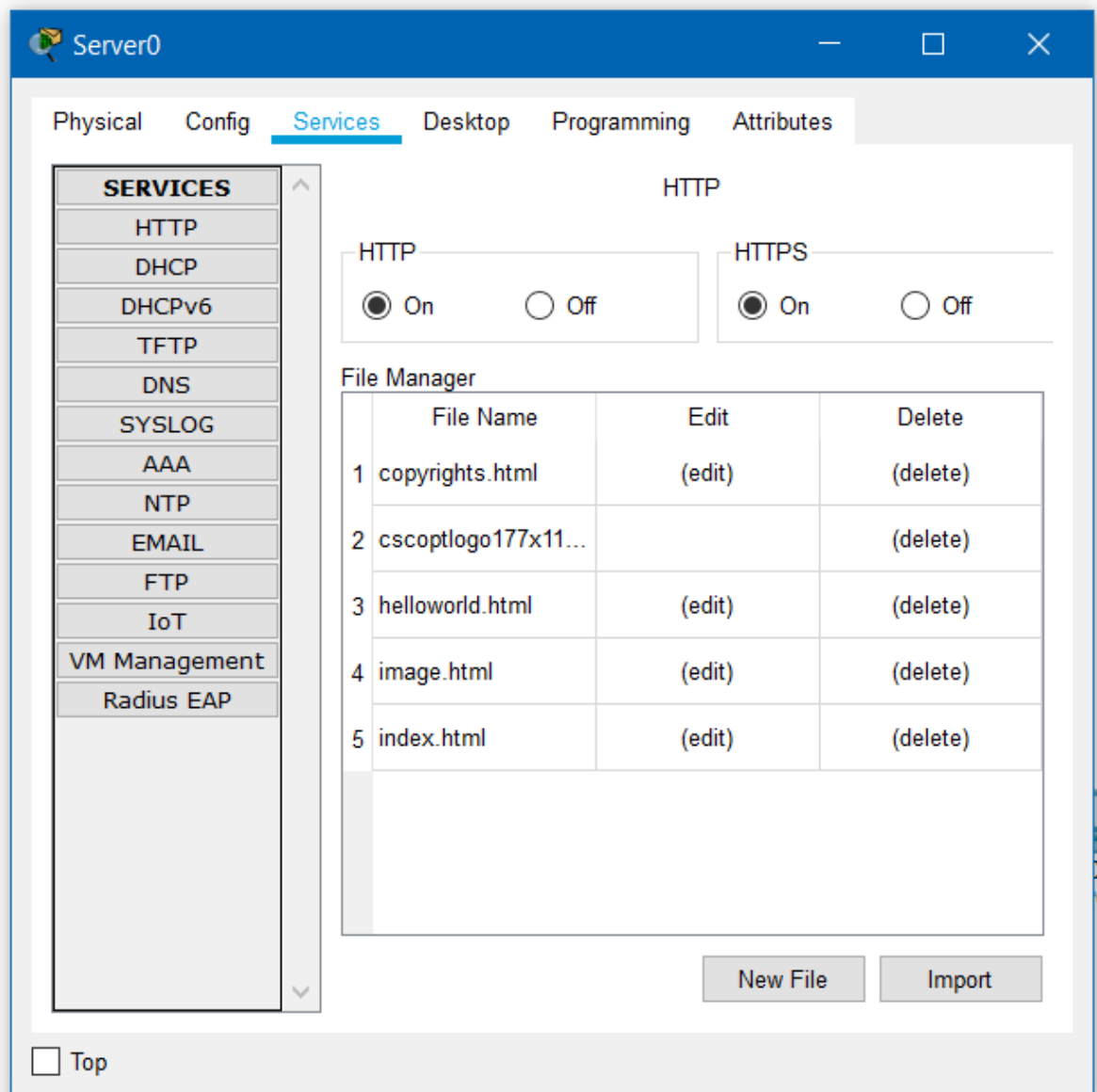


Picture 1.6. Pinging from PC0 to PC3

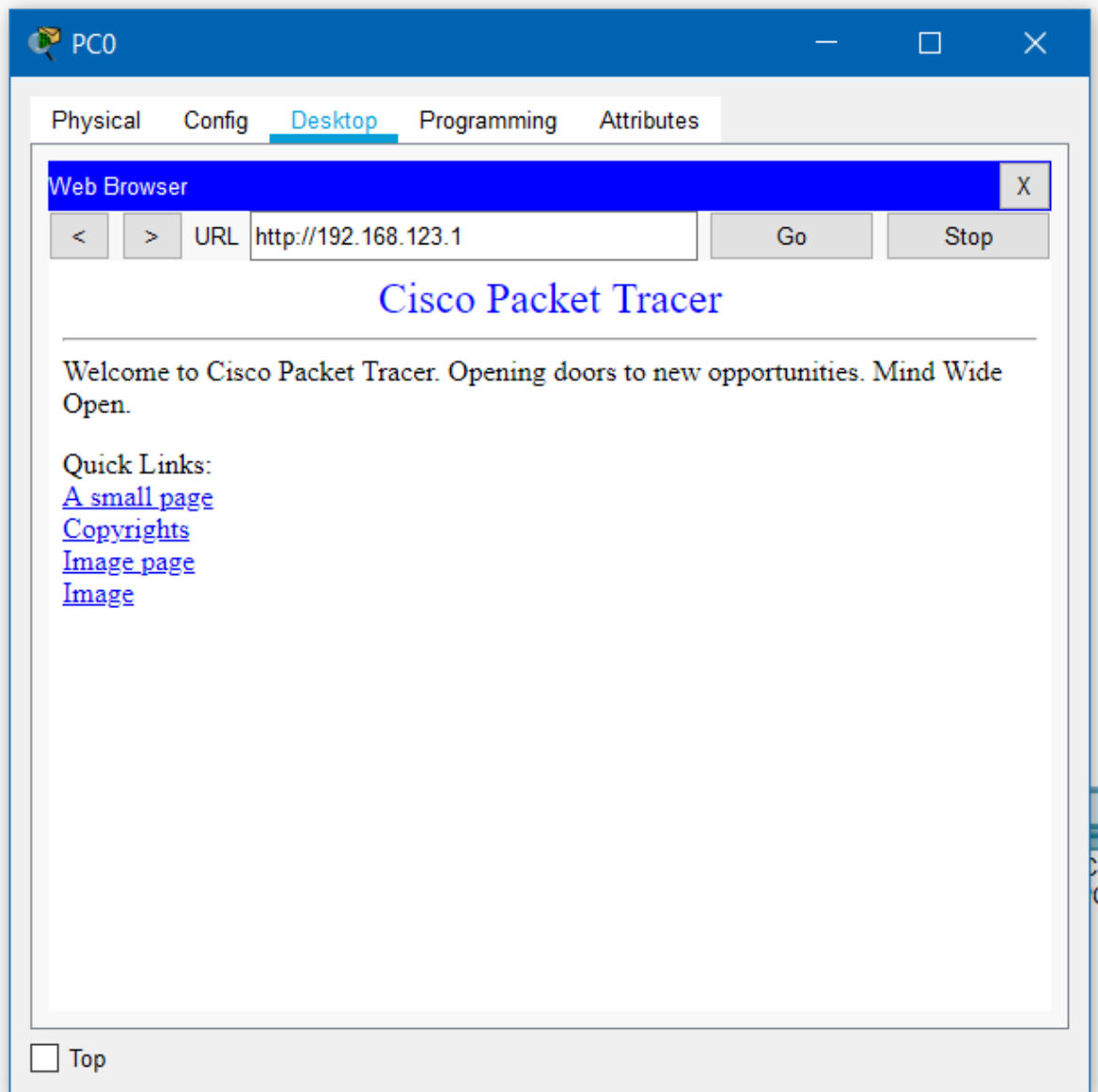
2. Activity 2



Picture 2.1. Set of DHCP Server

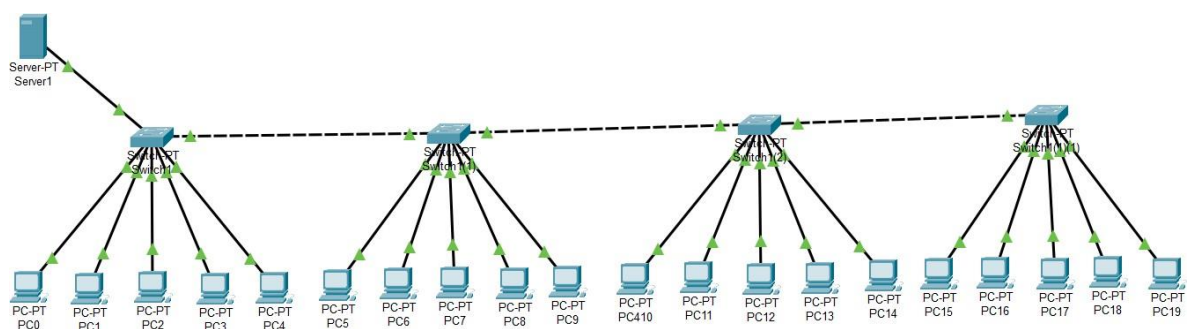


Picture 2.2. HTTP Configuration



Picture 2.3. Result of Server IP Address

3. Assignment



Picture 3.1. Set of DHCP server

Server1

Physical **Config** Services Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

FastEthernet1

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 000A.41AE.7A69

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::20A:41FF:FEAE:7A69

☐ Top

Picture 3.2. IP address configuration

Server1

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

0

Subnet Mask:

255

255

255

0

Maximum Number of Users :

21

TFTP Server:

0.0.0.0

WLC Address:

0.0.0.0

Add

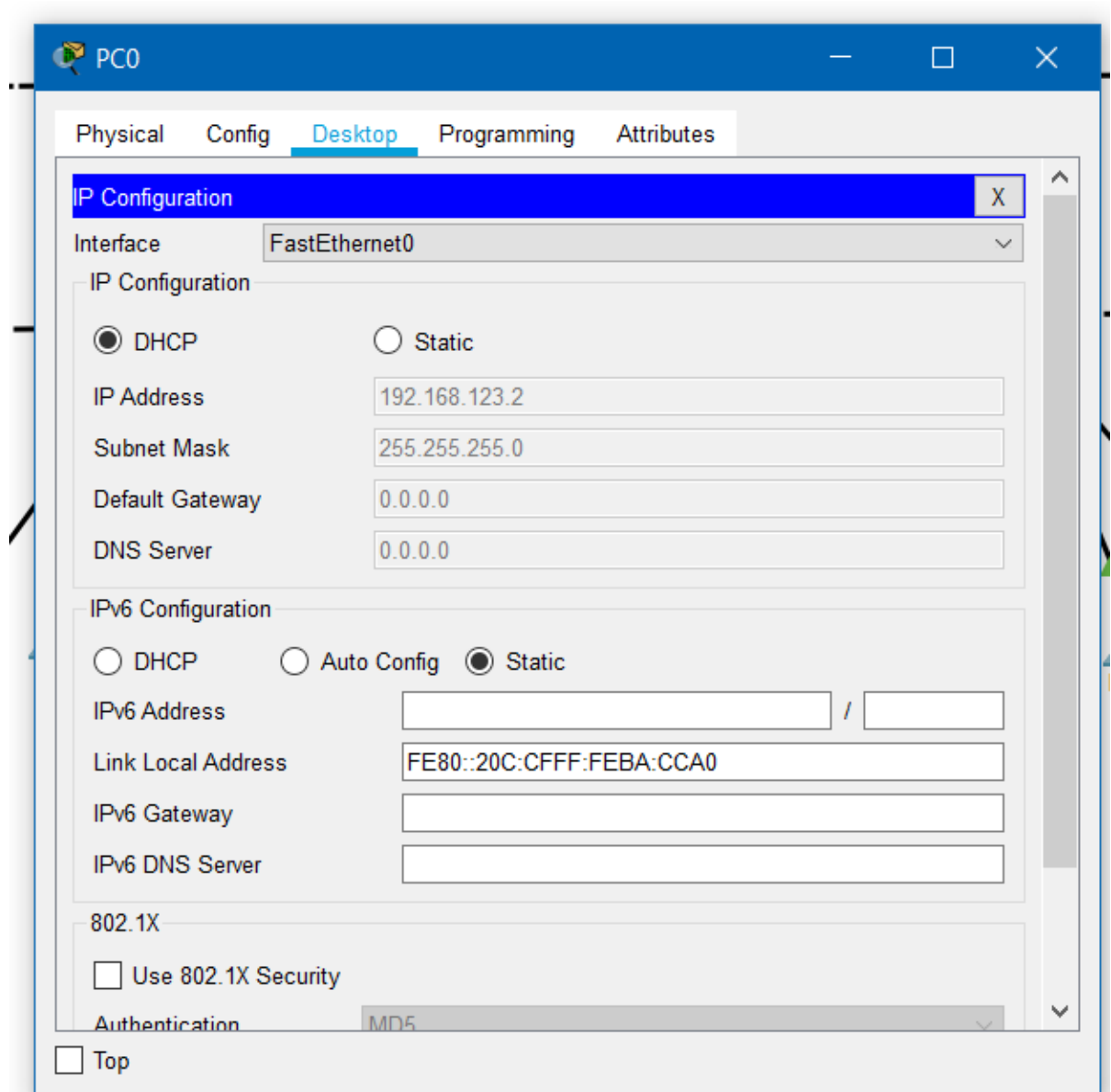
Save

Remove

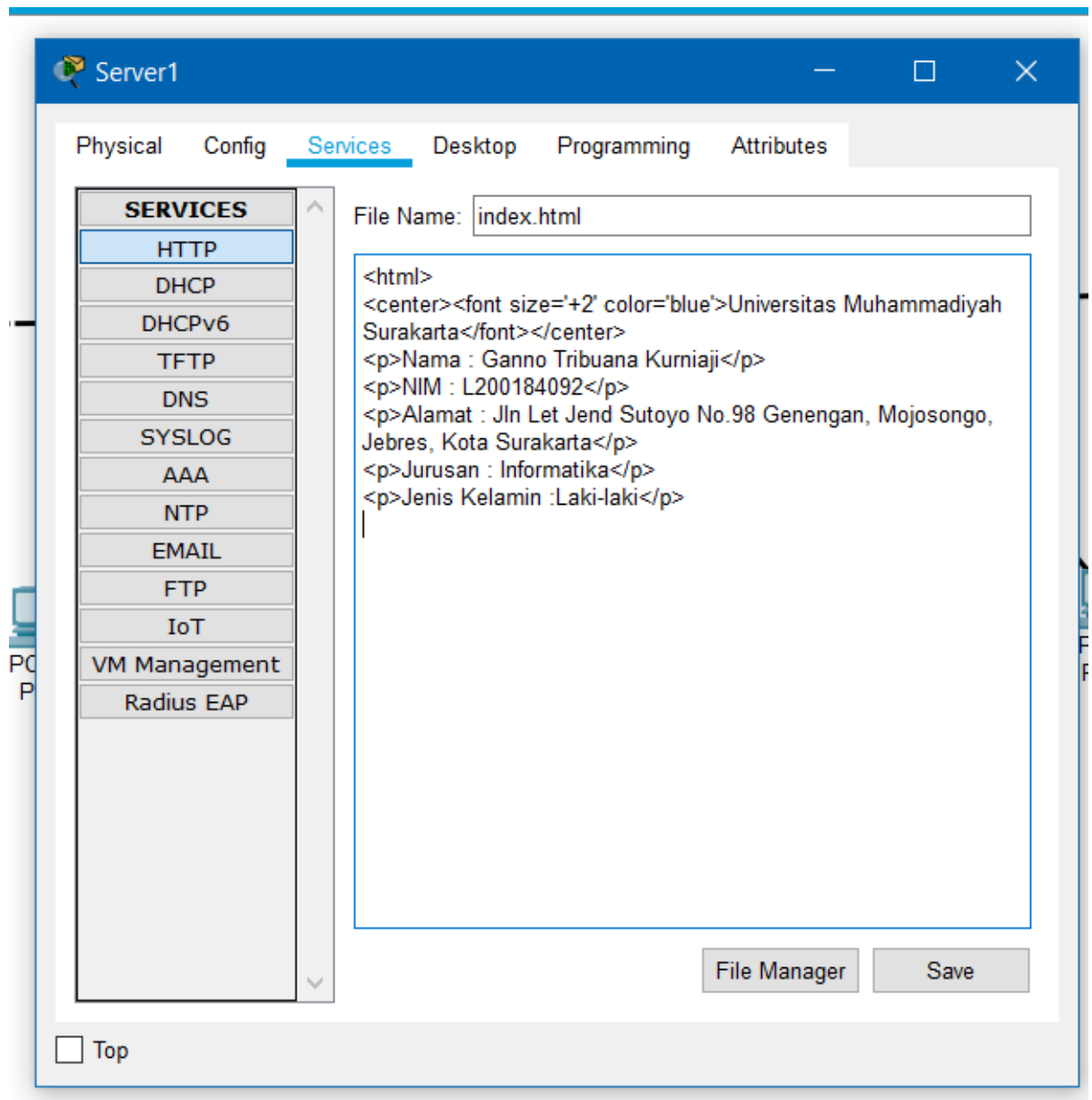
Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168.123.0	255.255.255.0	21	0.0.0.0	0.0.0.0

Top

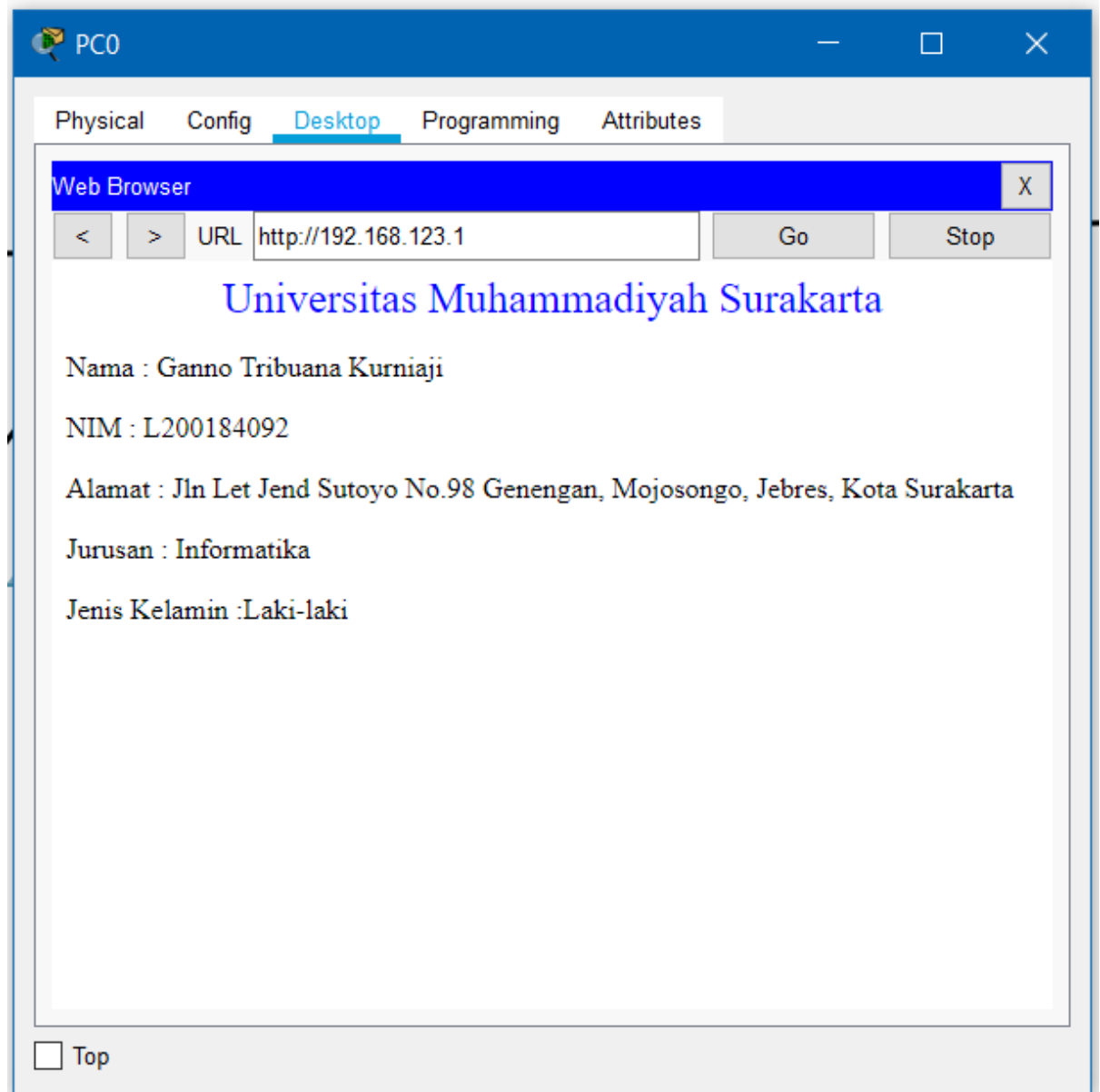
Picture 3.3. DHCP server configuration



Picture 3.4. IP address configuration



Picture 3.5. Editing the HTML



Picture 3.6. Result of HTML