

COMPUTER NETWORKS

PRACTICUM 5



By:

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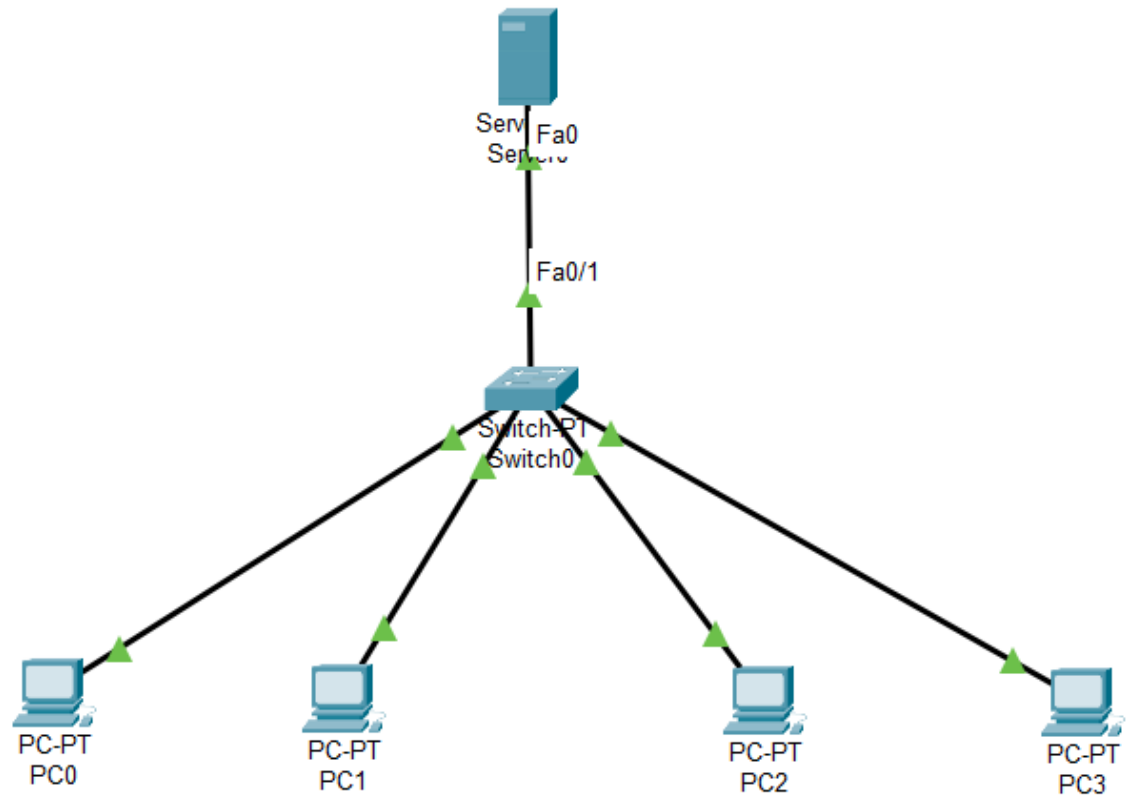
INFORMATION TECHNOLOGY

FACULTY OF COMMUNICATION AND INFORMATICS

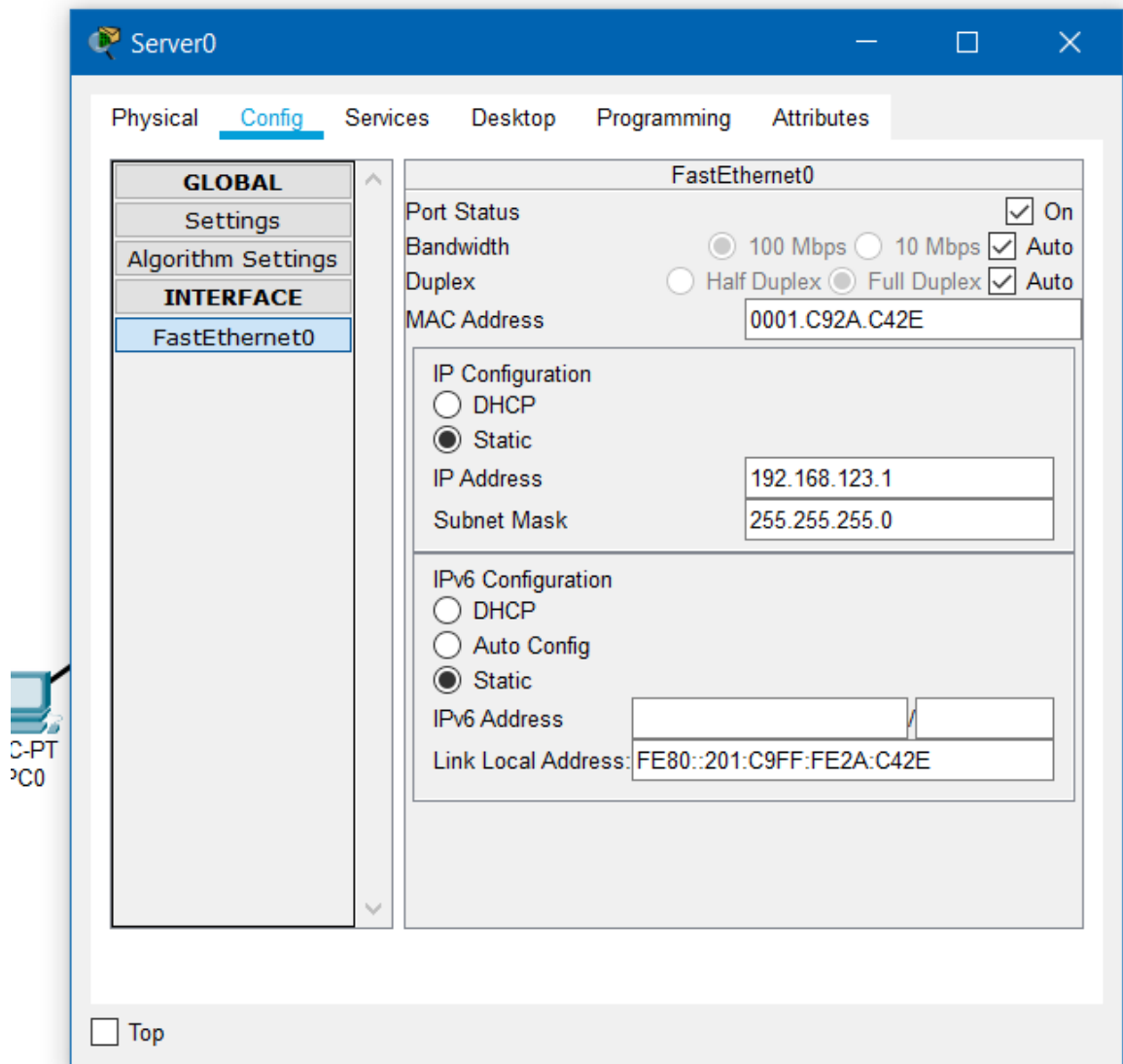
UNIVERSITY OF MUHAMMADIYAH SURAKARTA

2020

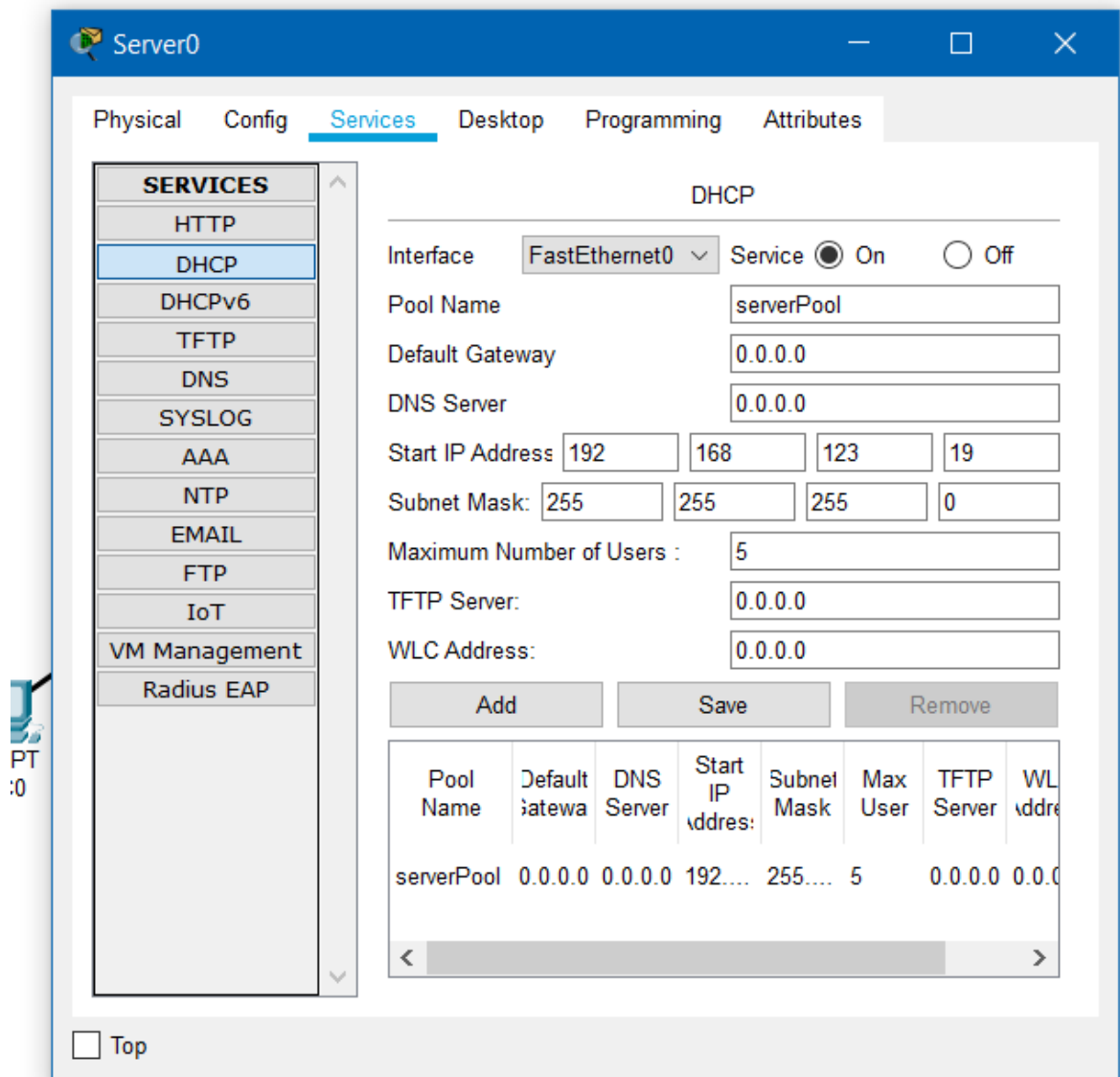
1. Activity 1



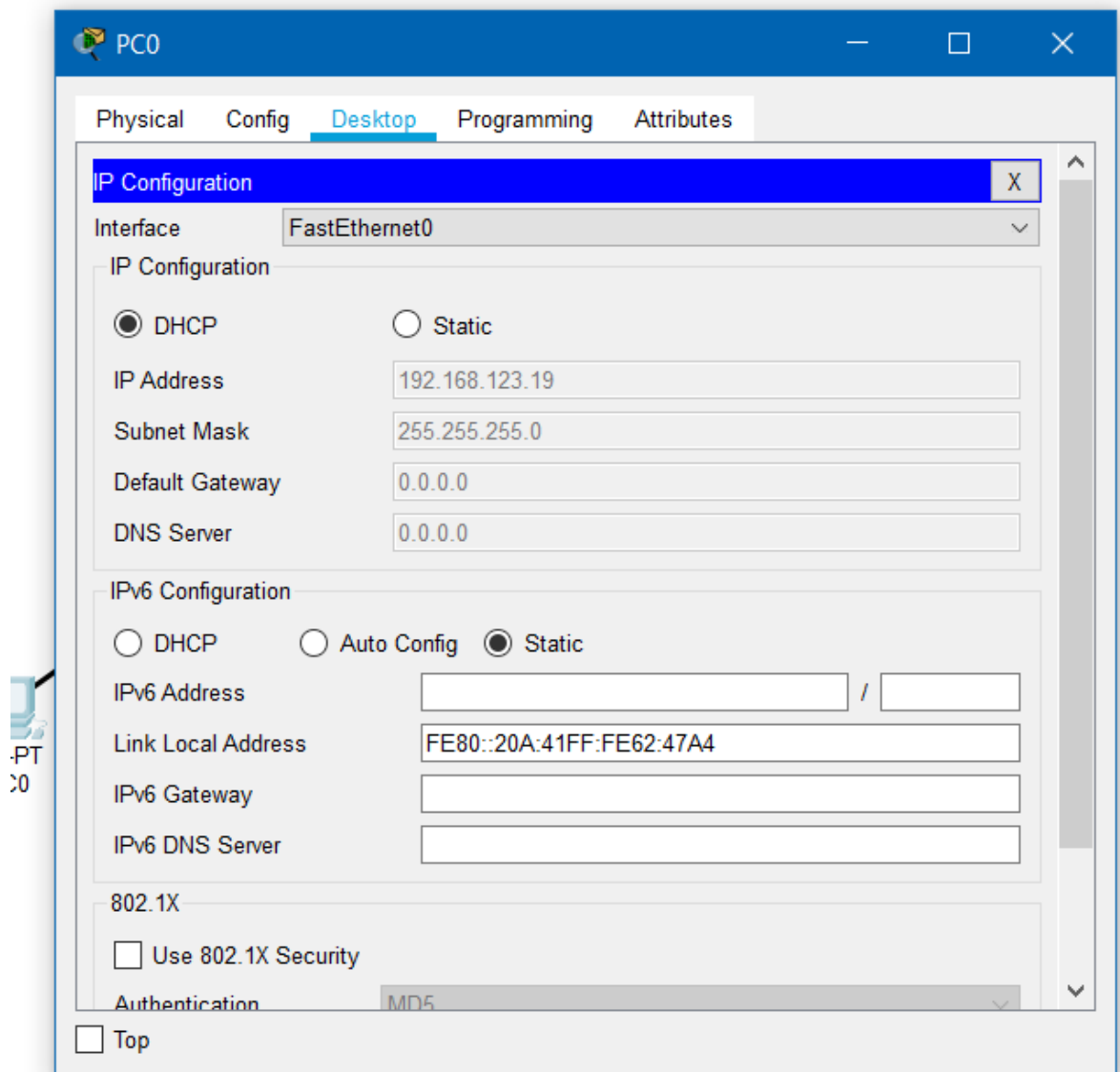
Picture 1.1. Set of DHCP Server



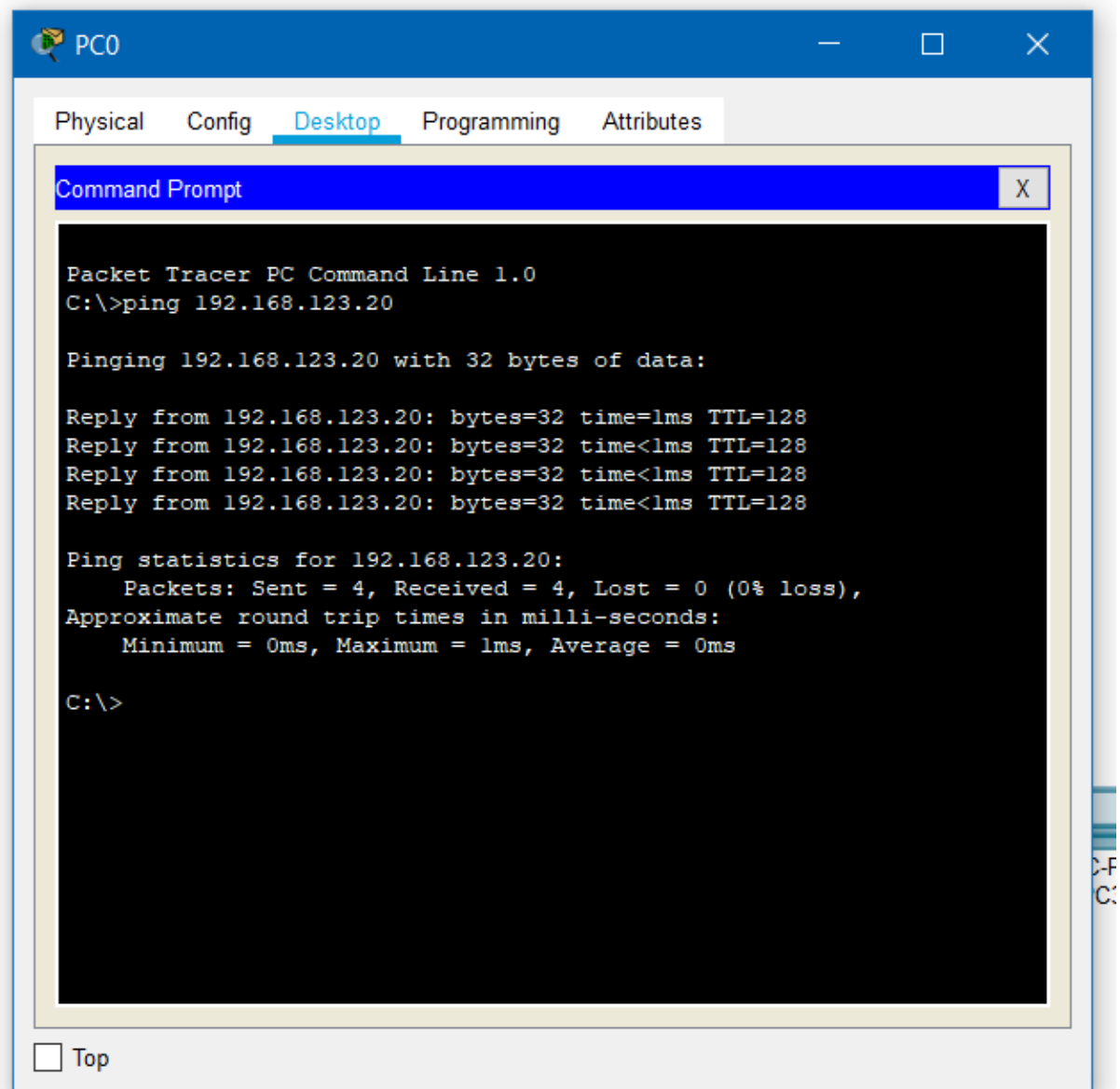
Picture 1.2. Configuration of IP address



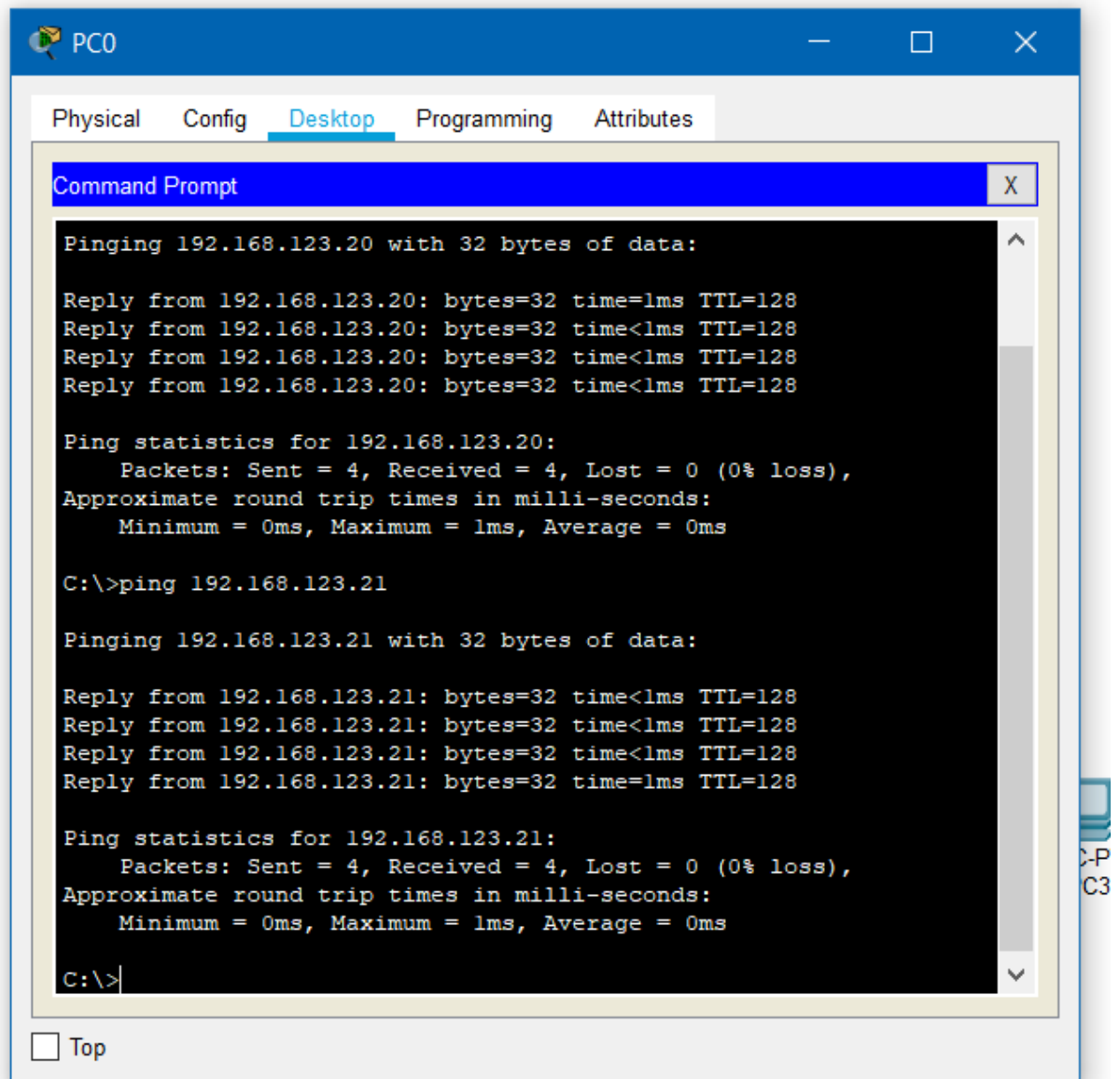
Picture 1.3. Configuration of DHCP Server



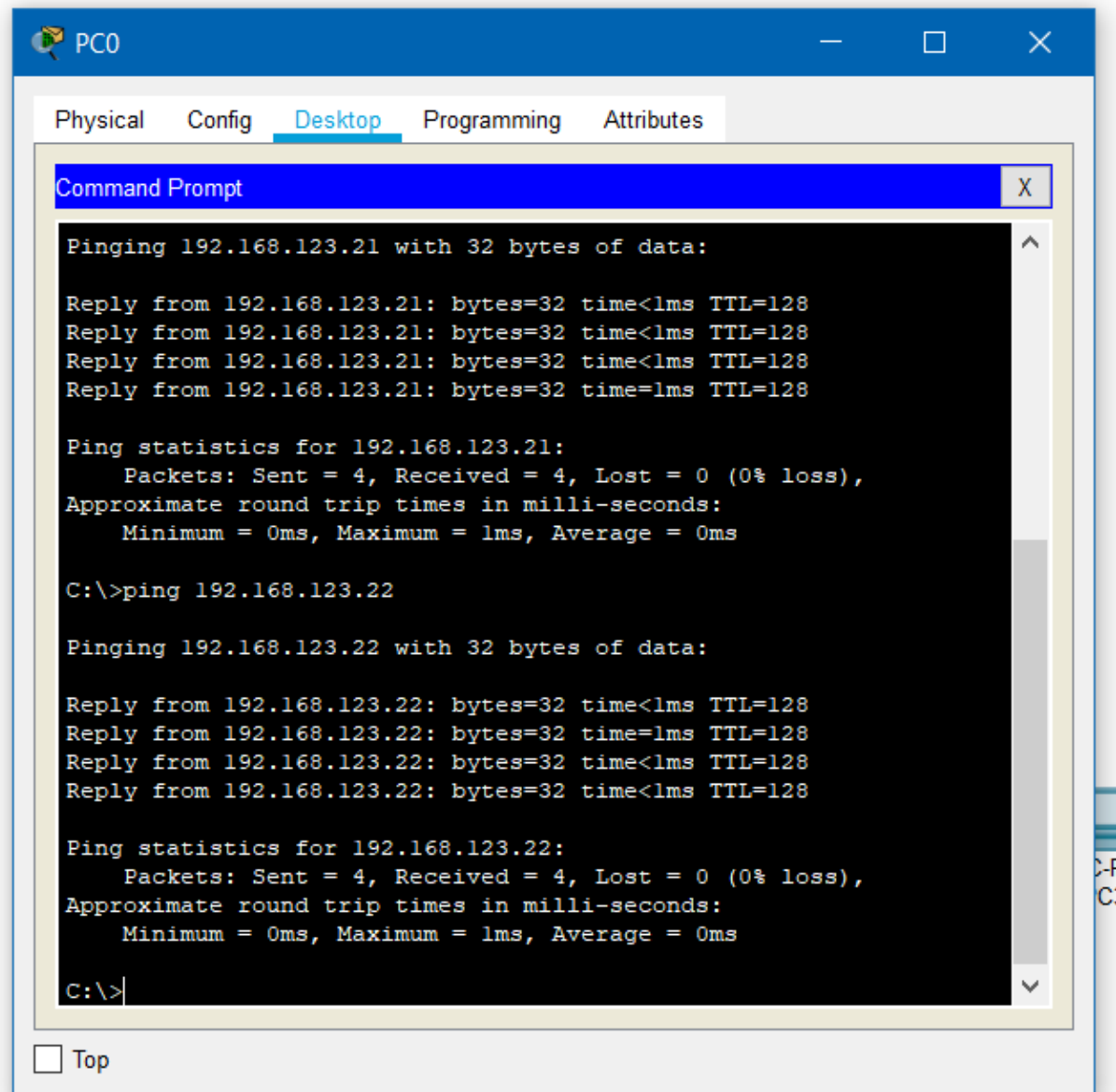
Picture 1.4. Configuration result from PC0



Picture 1.5. Pinging from PC0 to PC1

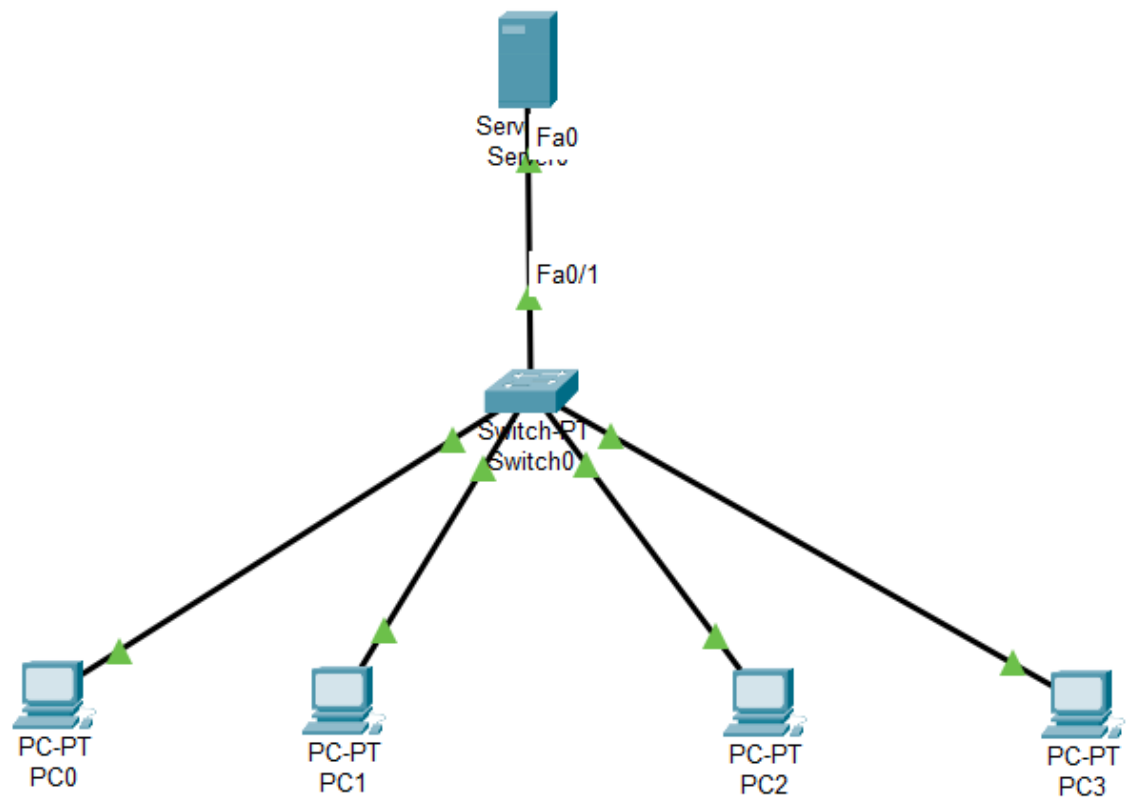


Picture 1.6. Pinging from PC0 to PC2

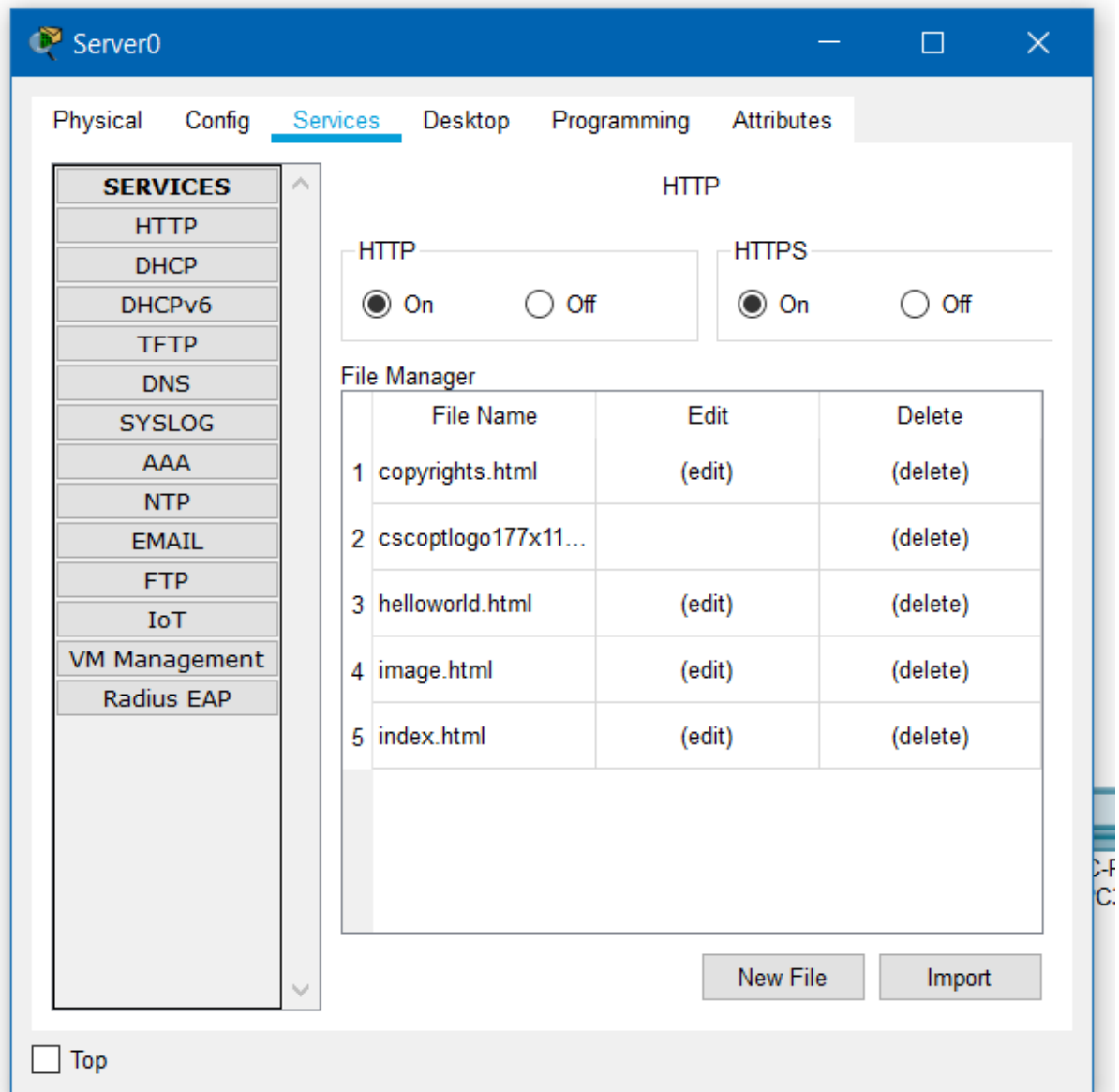


Picture 1.6. Pinging from PC0 to PC3

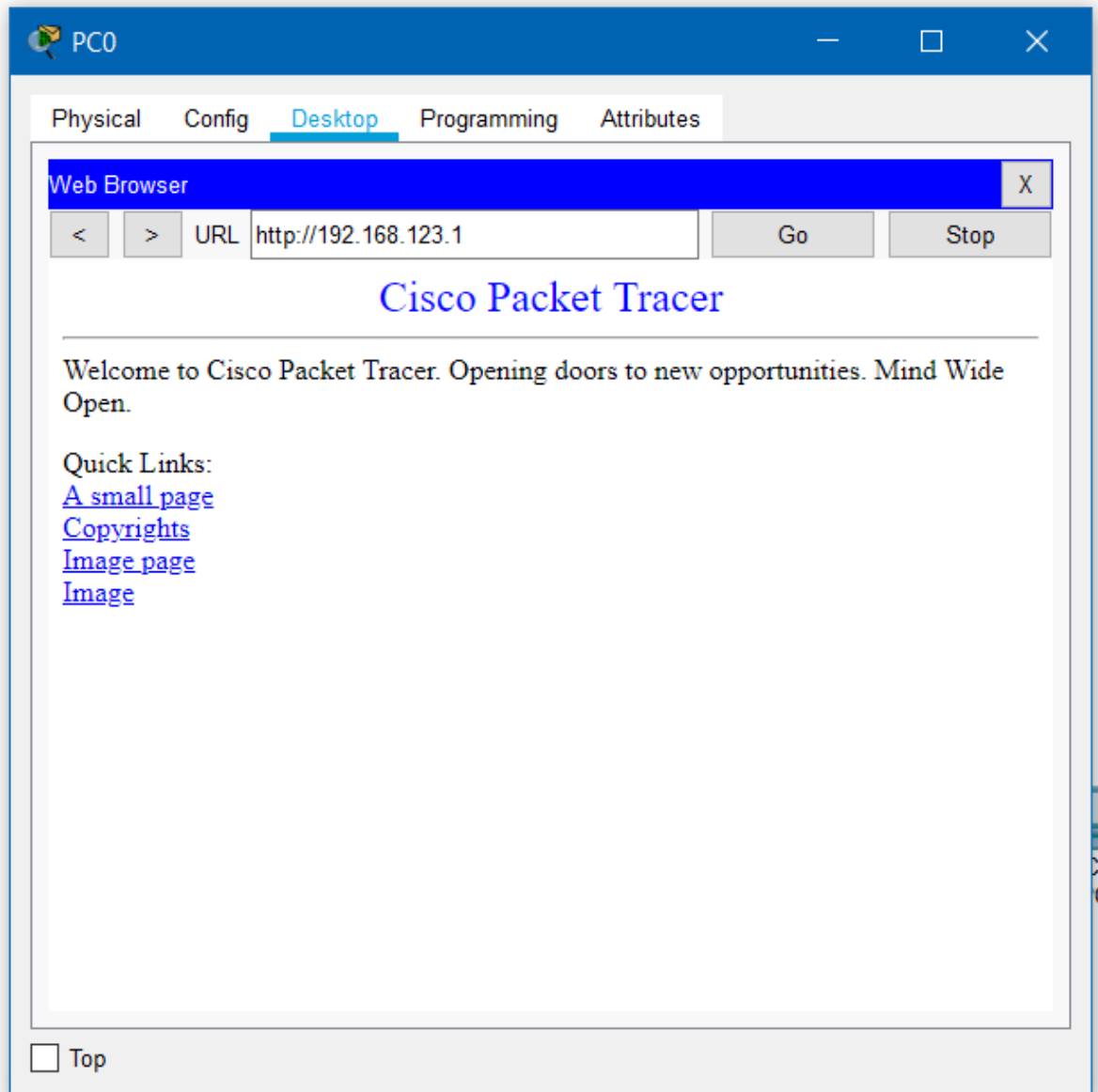
2. Activity 2



Picture 2.1. Set of DHCP Server

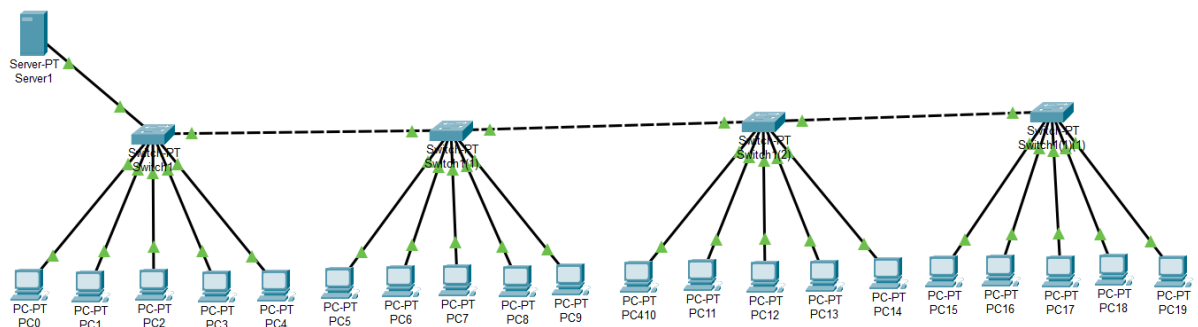


Picture 2.2. HTTP Configuration

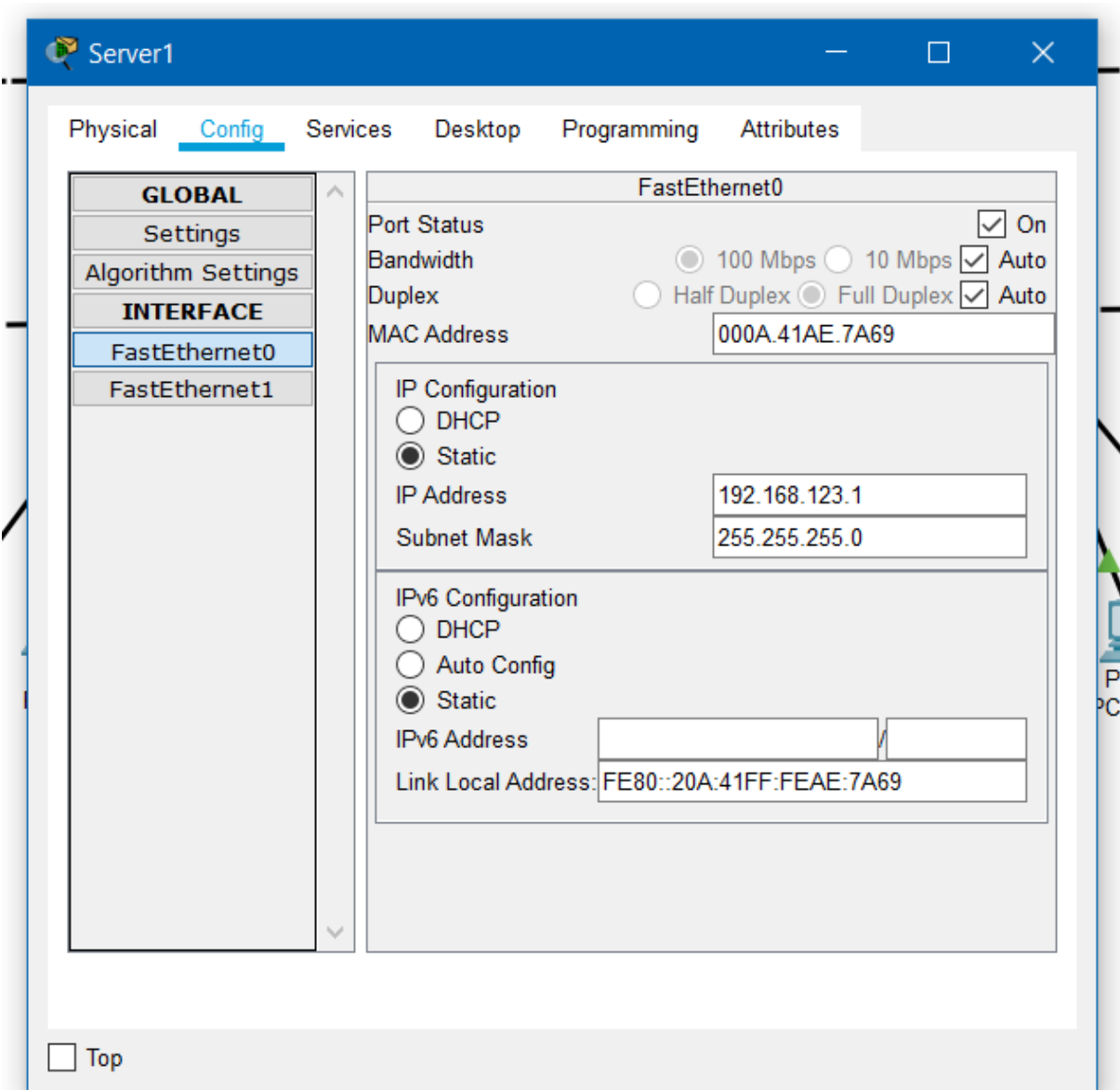


Picture 2.3. Result of Server IP Address

3. Assignment



Picture 3.1. Set of DHCP server



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

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Picture 3.3. DHCP server configuration

PC0

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IP Address 192.168.123.2

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::20C:CFFF:FEBA:CCA0

IPv6 Gateway

IPv6 DNS Server

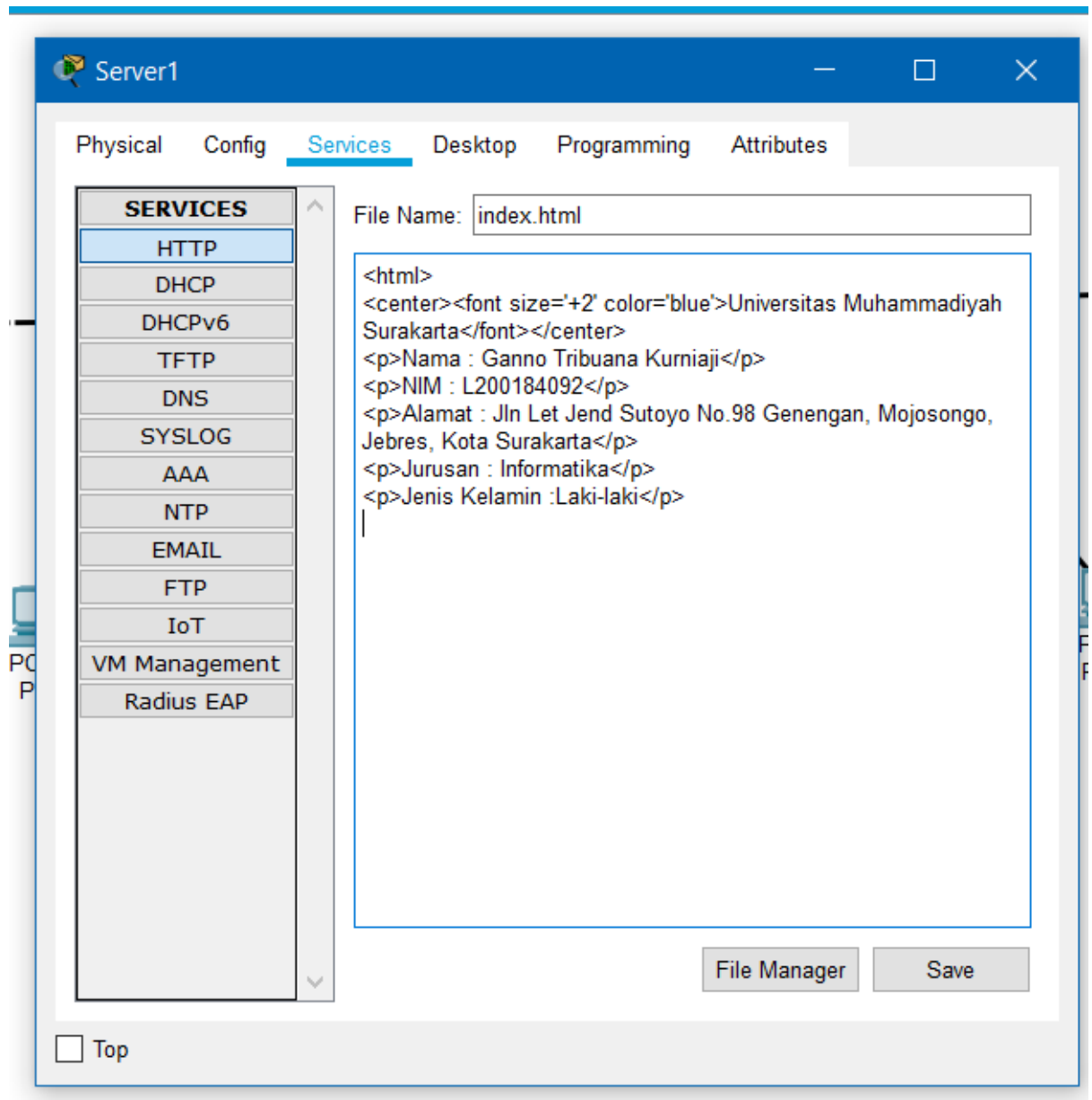
802.1X

☐ Use 802.1X Security

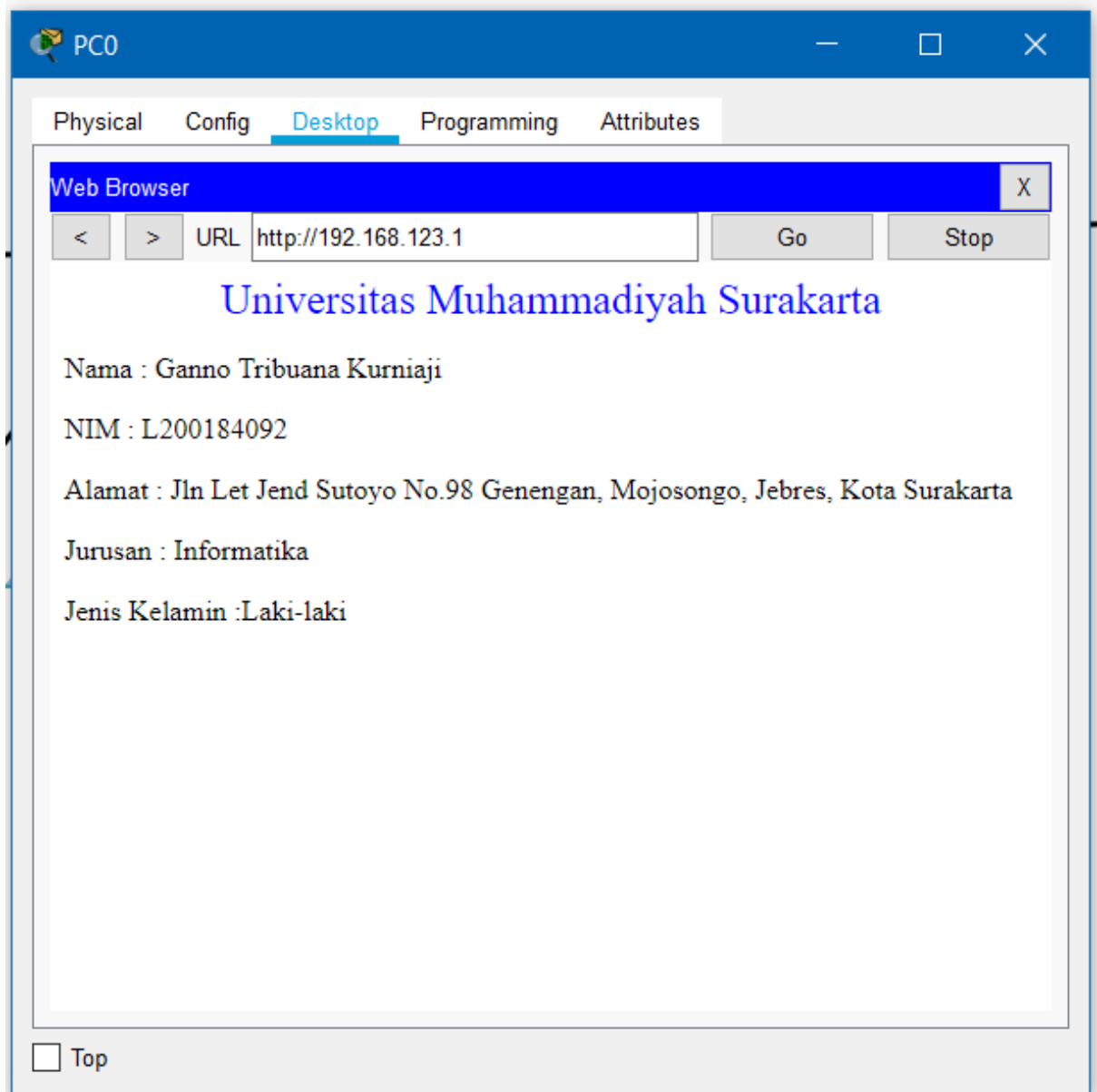
Authentication MD5

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Picture 3.4. IP address configuration



Picture 3.5. Editing the HTML



Picture 3.6. Result of HTML