

COMPUTER NETWORKS

PRACTICUM 5



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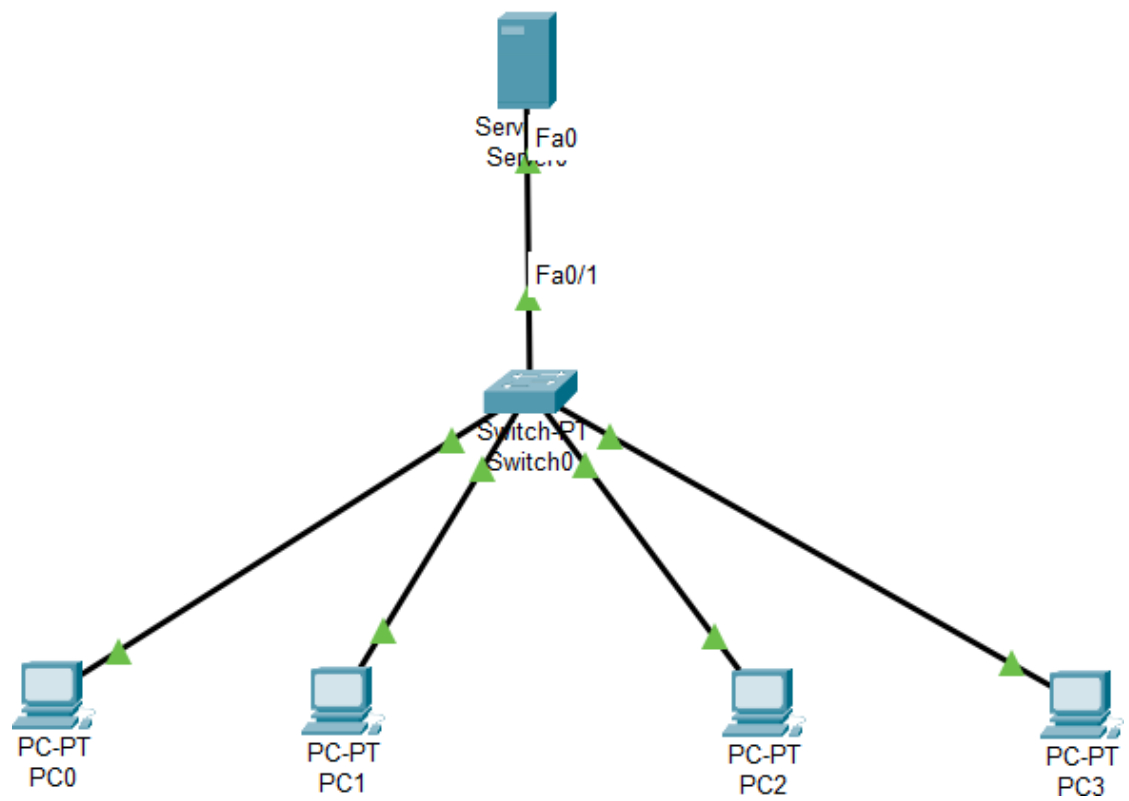
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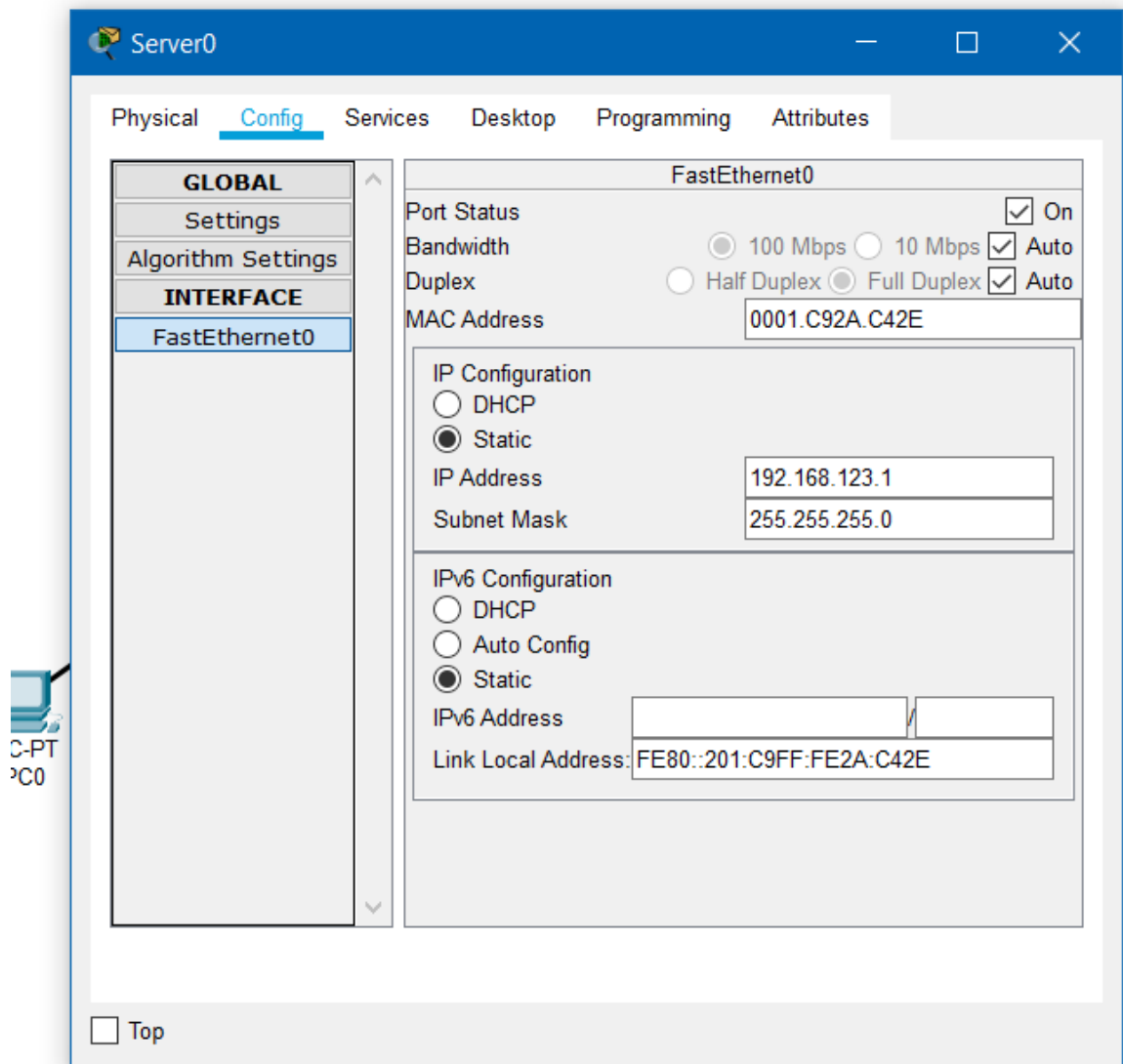
UNIVERSITY OF MUHAMMADIYAH SURAKARTA

2020

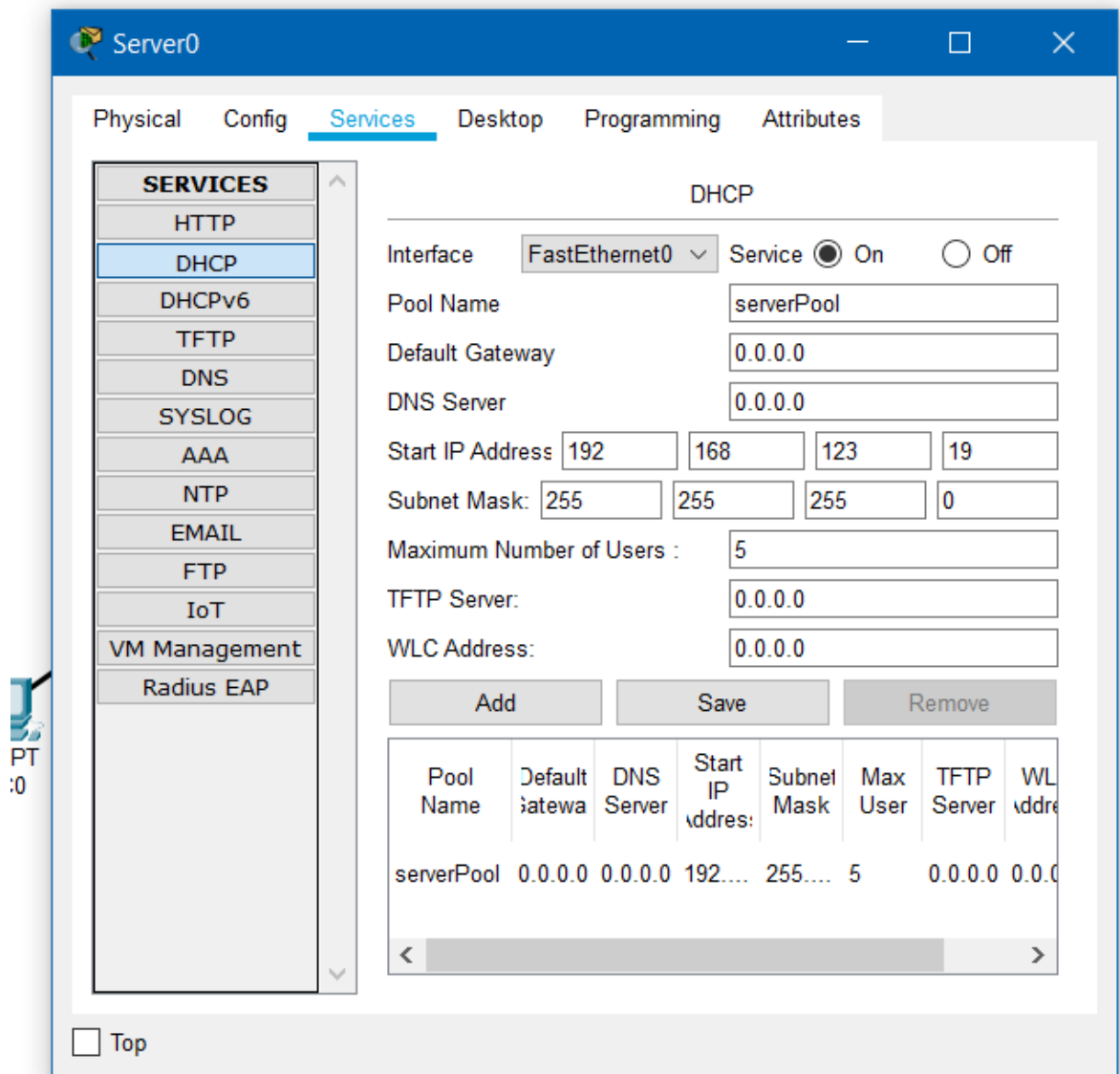
1. Activity 1



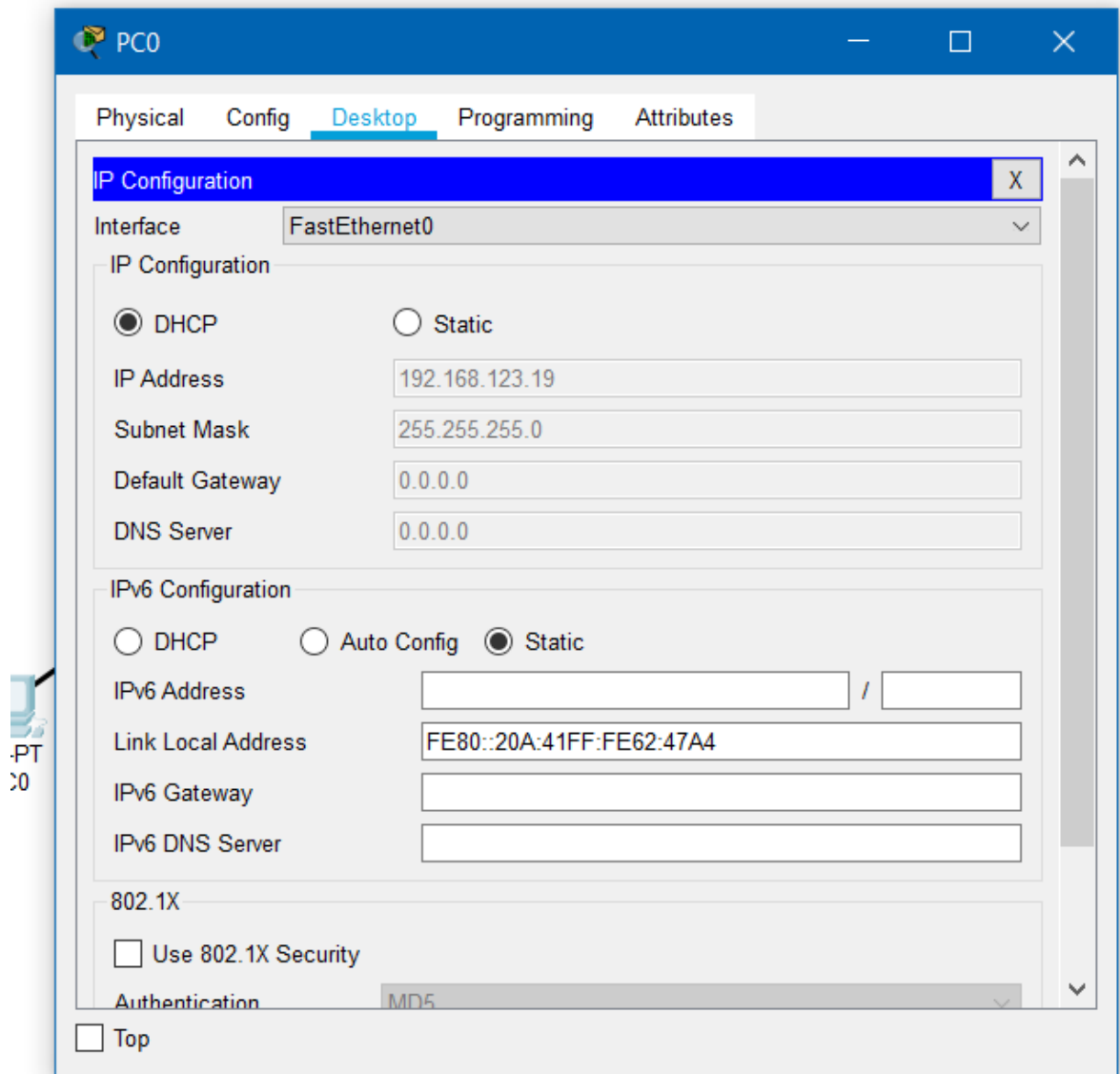
Picture 1.1. Set of DHCP Server



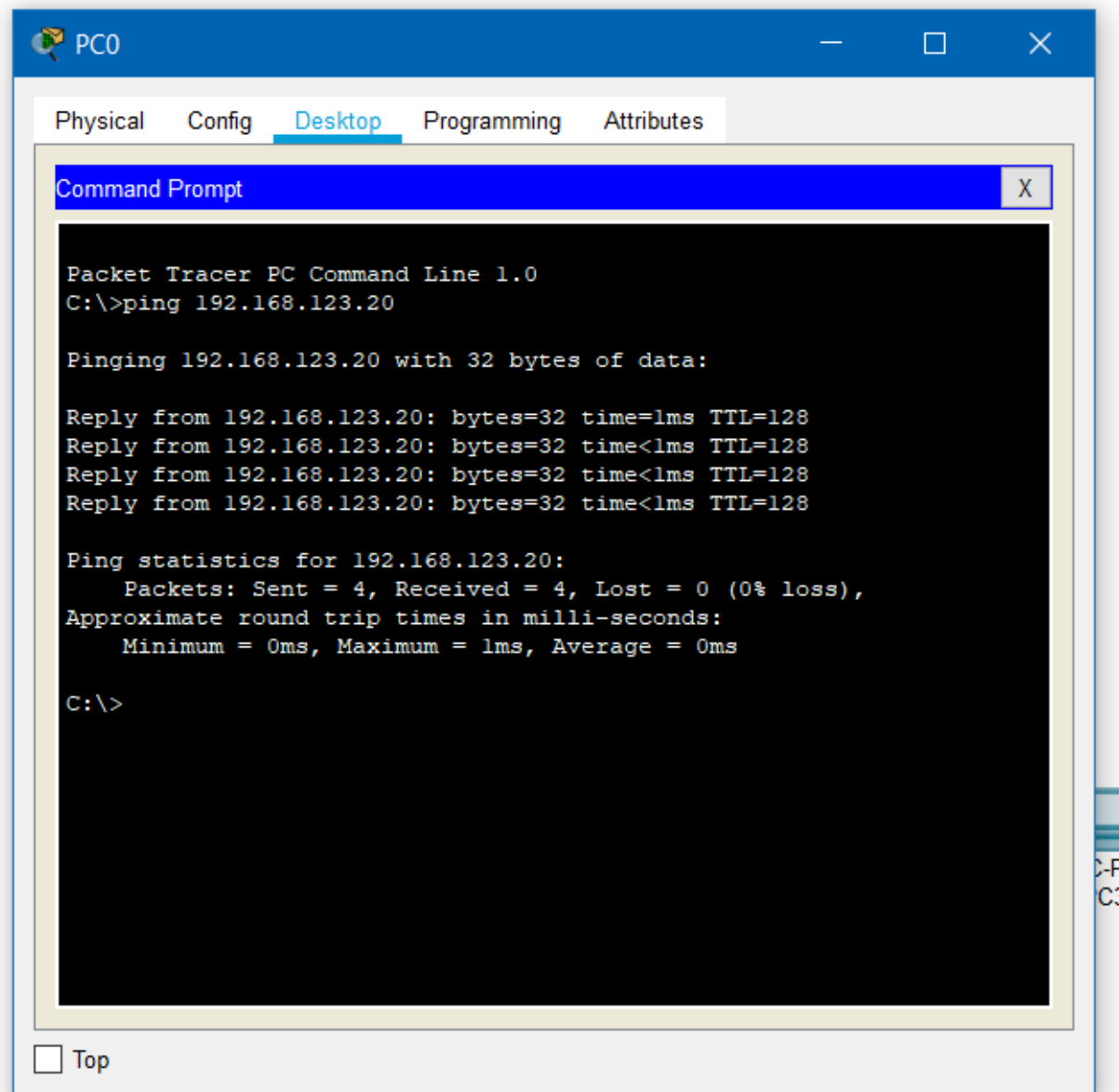
Picture 1.2. Configuration of IP address



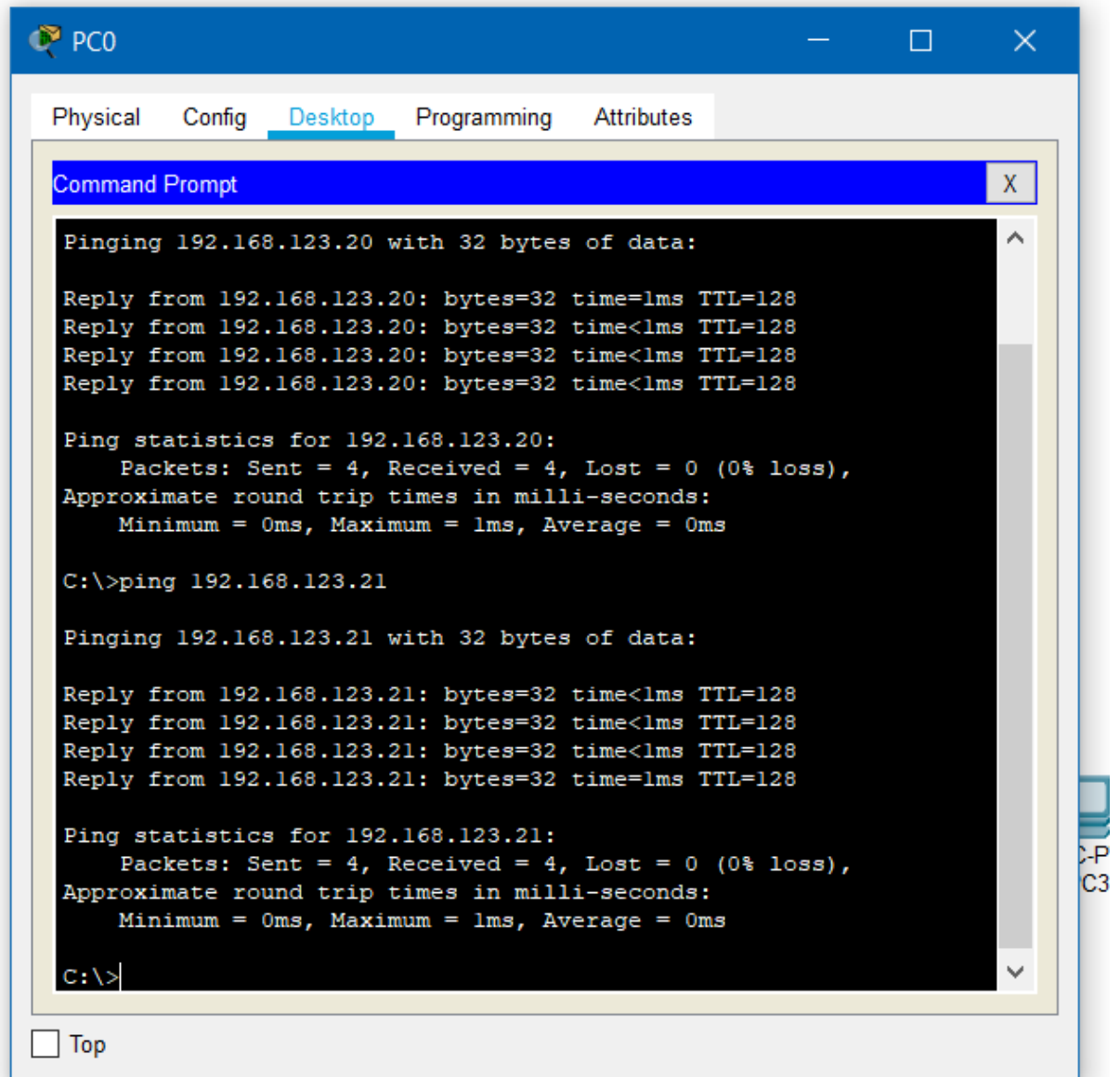
Picture 1.3. Configuration of DHCP Server



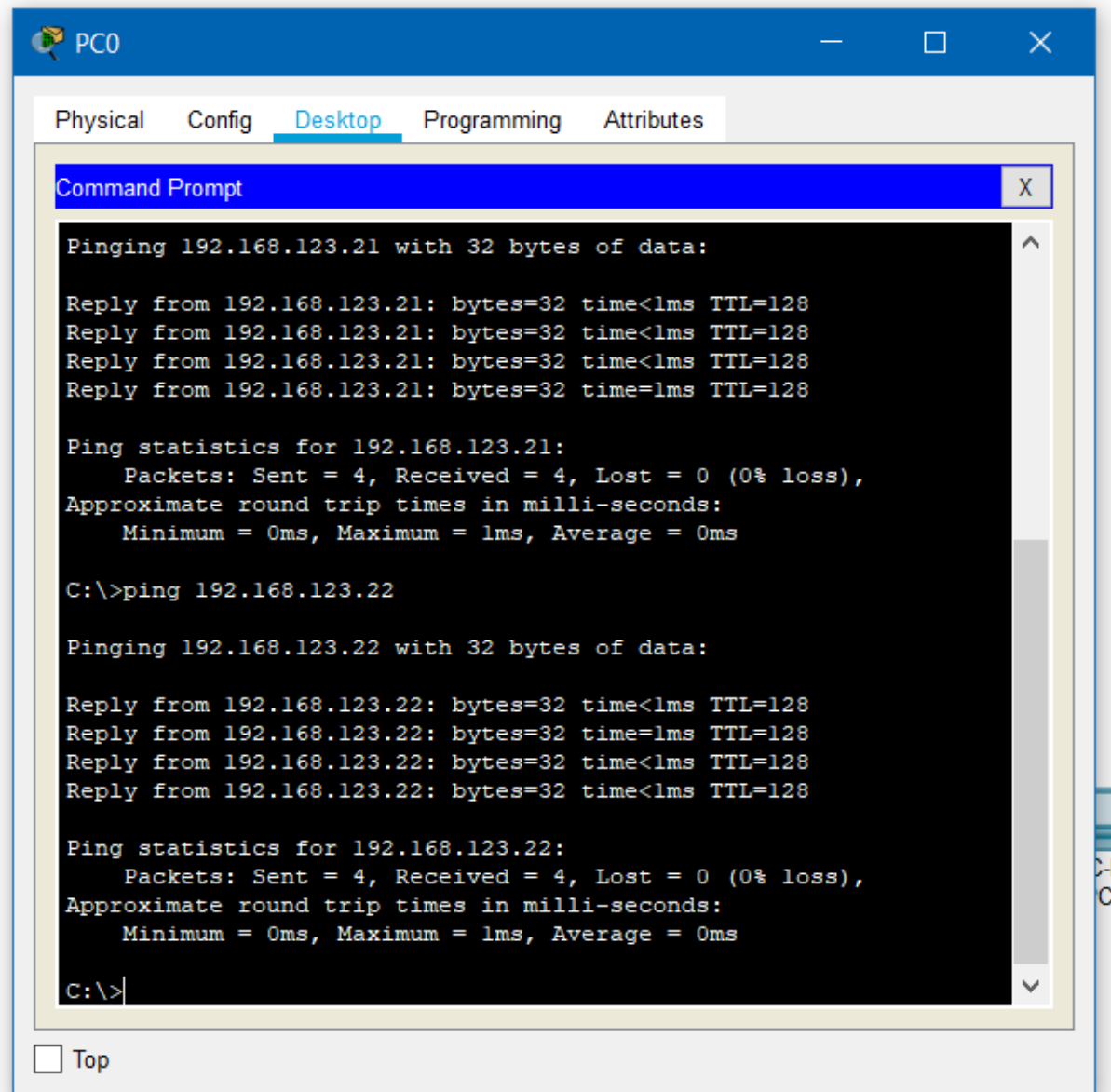
Picture 1.4. Configuration result from PC0



Picture 1.5. Pinging from PC0 to PC1

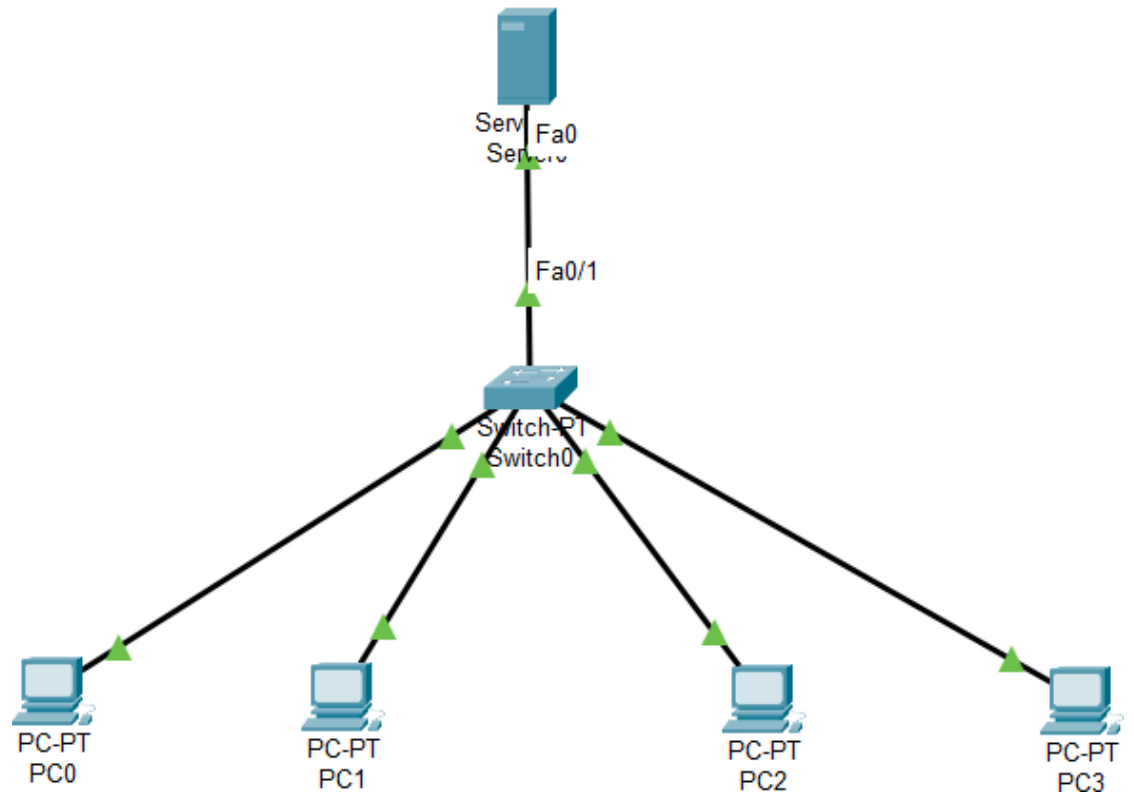


Picture 1.6. Pinging from PC0 to PC2

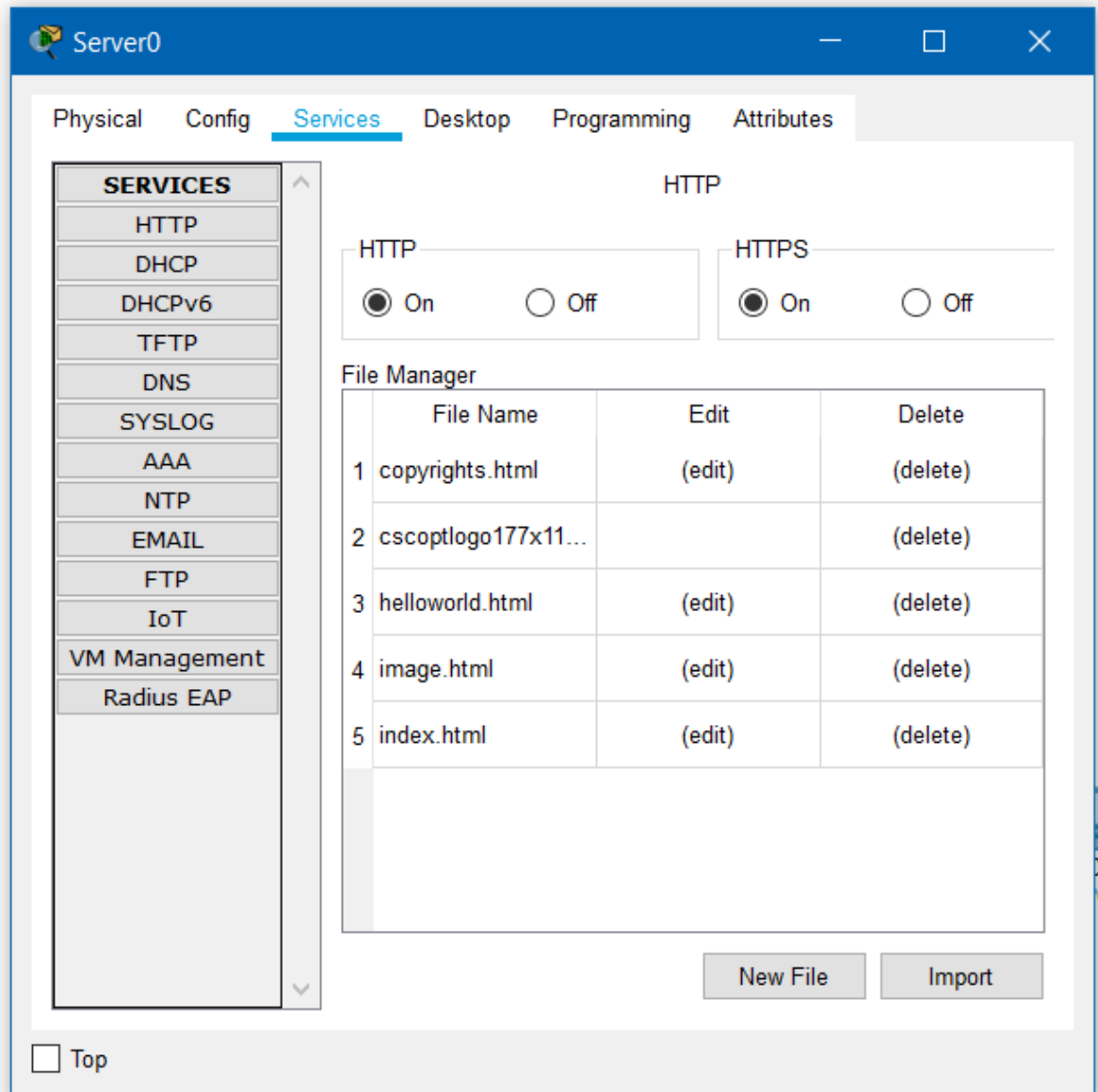


Picture 1.6. Pinging from PC0 to PC3

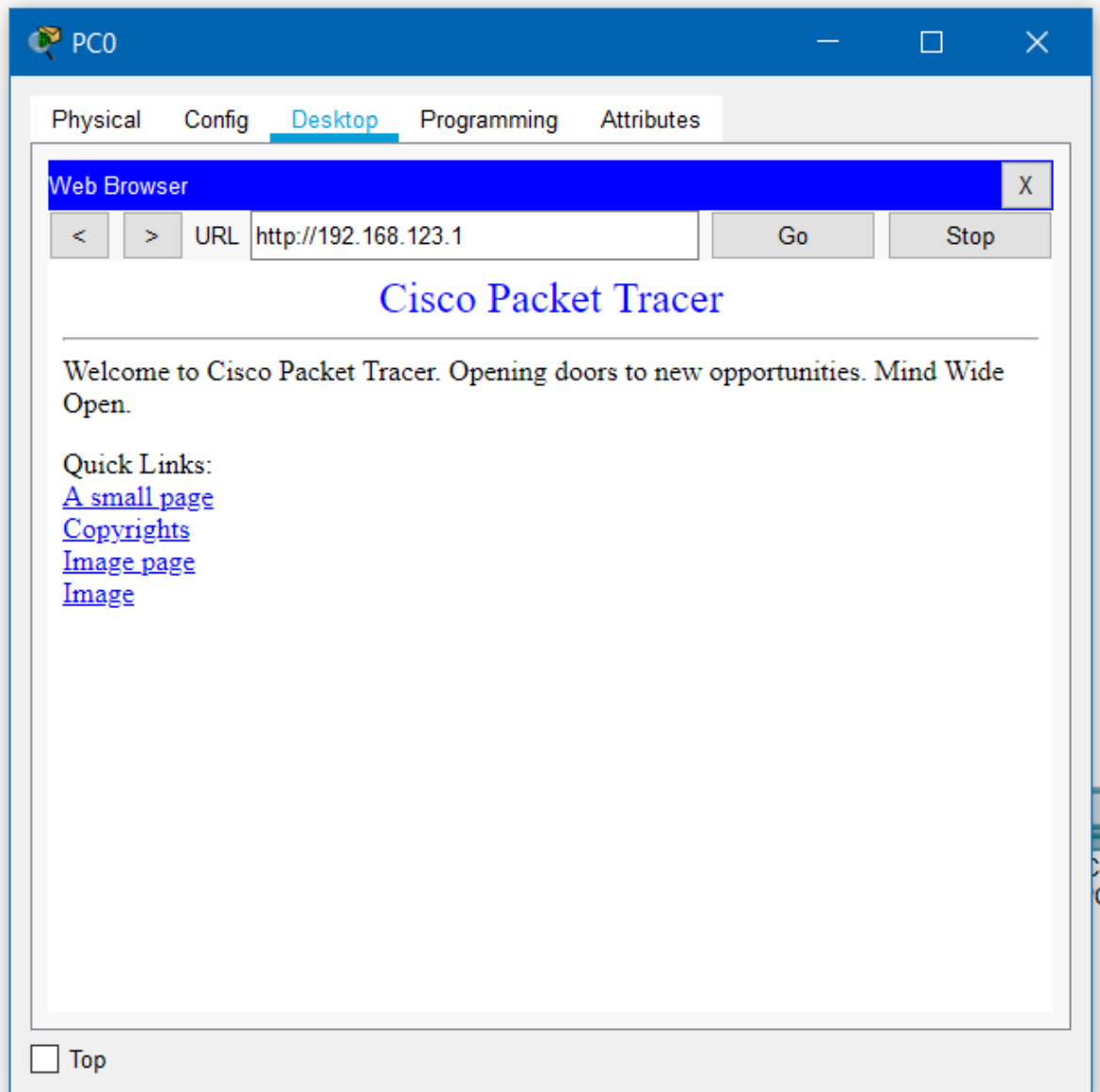
2. Activity 2



Picture 2.1. Set of DHCP Server

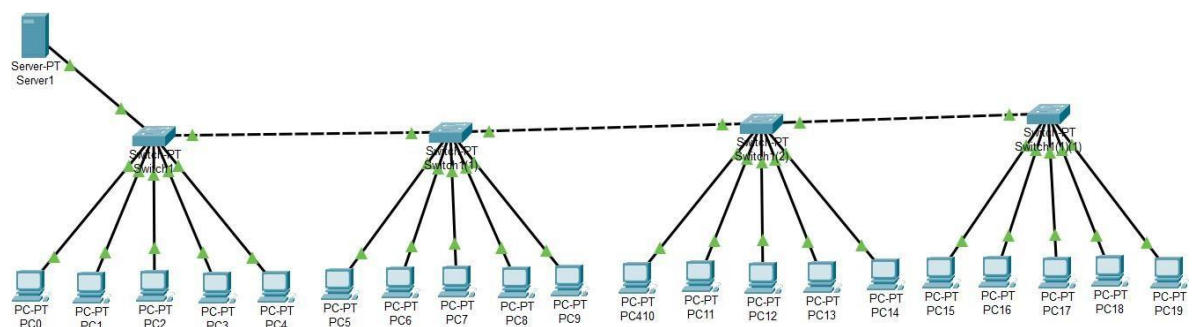


Picture 2.2. HTTP Configuration

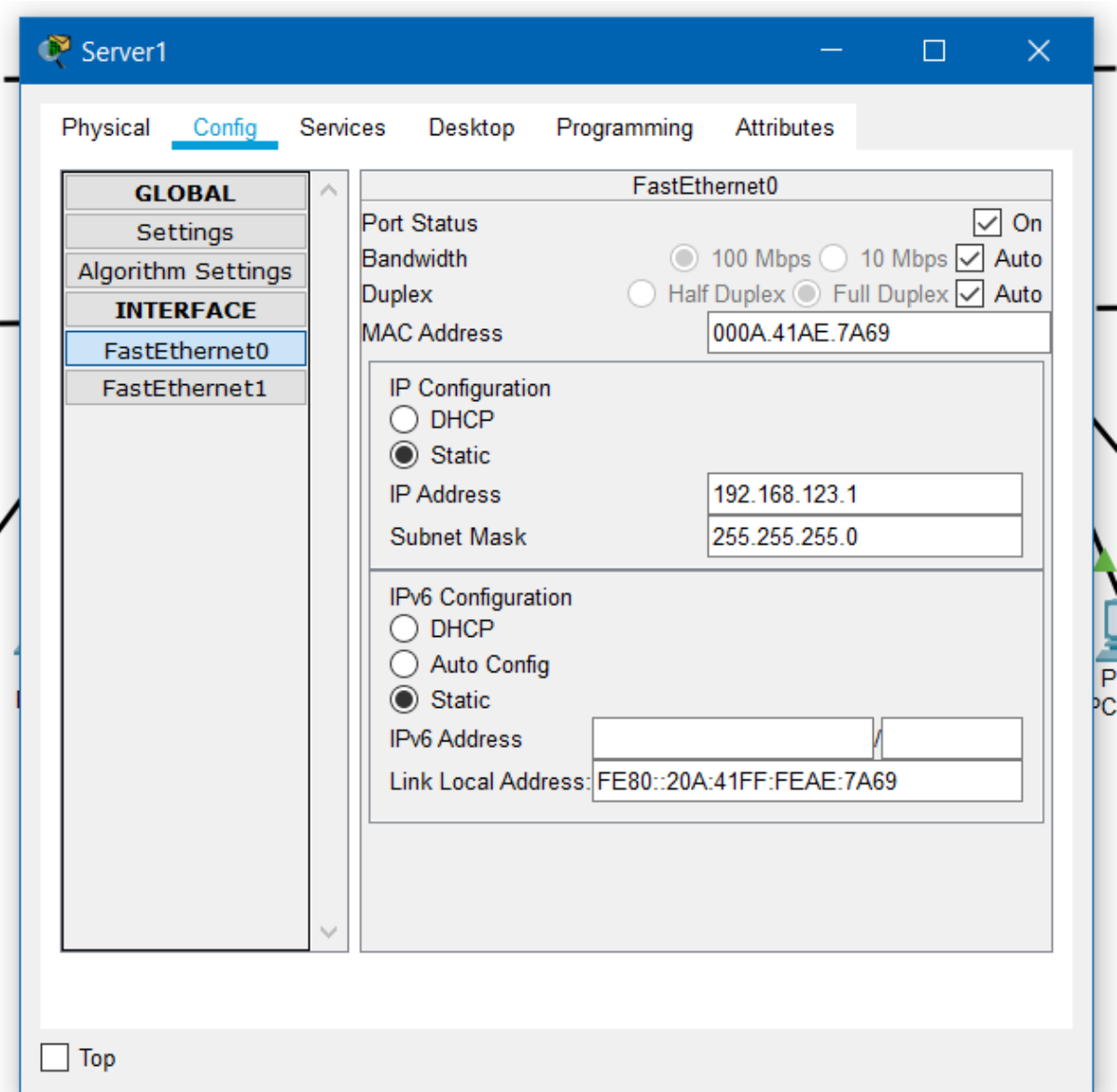


Picture 2.3. Result of Server IP Address

3. Assignment



Picture 3.1. Set of DHCP server



Picture 3.2. IP address configuration

Server1

PhysicalConfigServicesDesktopProgrammingAttributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

InterfaceFastEthernet0ServiceOnOff

Pool NameserverPool

Default Gateway0.0.0.0

DNS Server0.0.0.0

Start IP Address1921681230

Subnet Mask:2552552550

Maximum Number of Users :21

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....	255....	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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