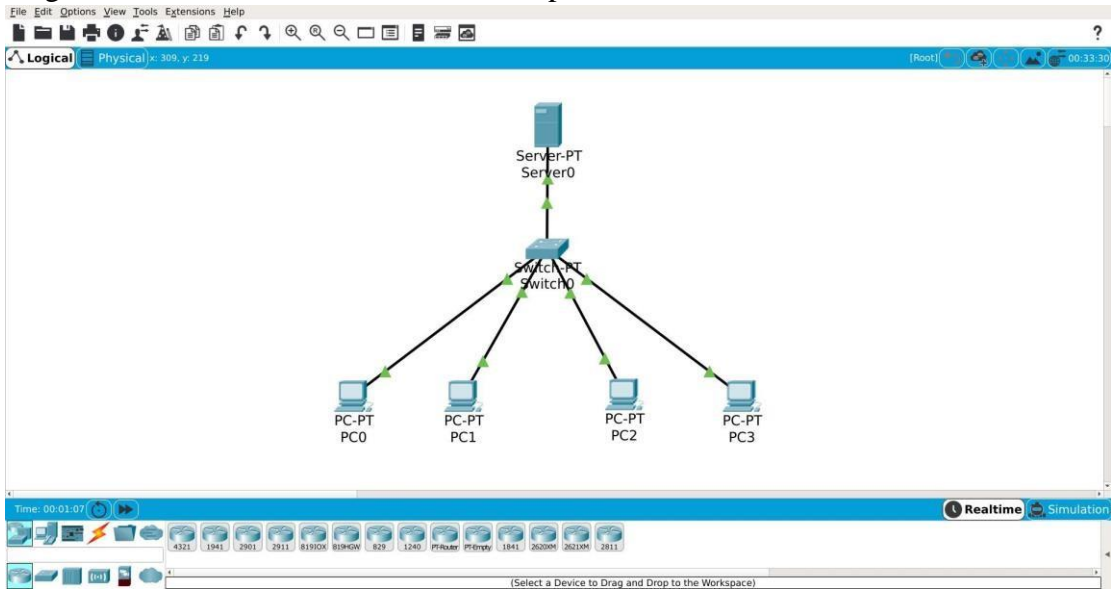


1. Membuat DHCP Server

- a) Merancang lima PC, satu swicth, dan satu server pada Packet Tracer.



- b) Mengonfigurasi IP address milik server menjadi 192.168.123.1 dengan subnet mask 255.255.255.0.

The screenshot shows the 'Config' tab for the 'FastEthernet0' interface. The 'Port Status' is 'On'. The 'Bandwidth' is set to '100 Mbps' and '10 Mbps' are also selected. The 'Duplex' is set to 'Full Duplex'. The 'MAC Address' is '0030.F237.4084'. Under 'IP Configuration', 'Static' is selected. The 'IP Address' is '192.168.123.1' and the 'Subnet Mask' is '255.255.255.0'. Under 'IPv6 Configuration', 'Static' is selected. The 'IPv6 Address' is empty, and the 'Link Local Address' is 'FE80::230:F2FF:FE37:4084'. The 'Top' button is at the bottom left.

- c) Mengonfigurasi DHCP pada server

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	192.1...	255.2...	5	0.0.0.0	0.0.0.0

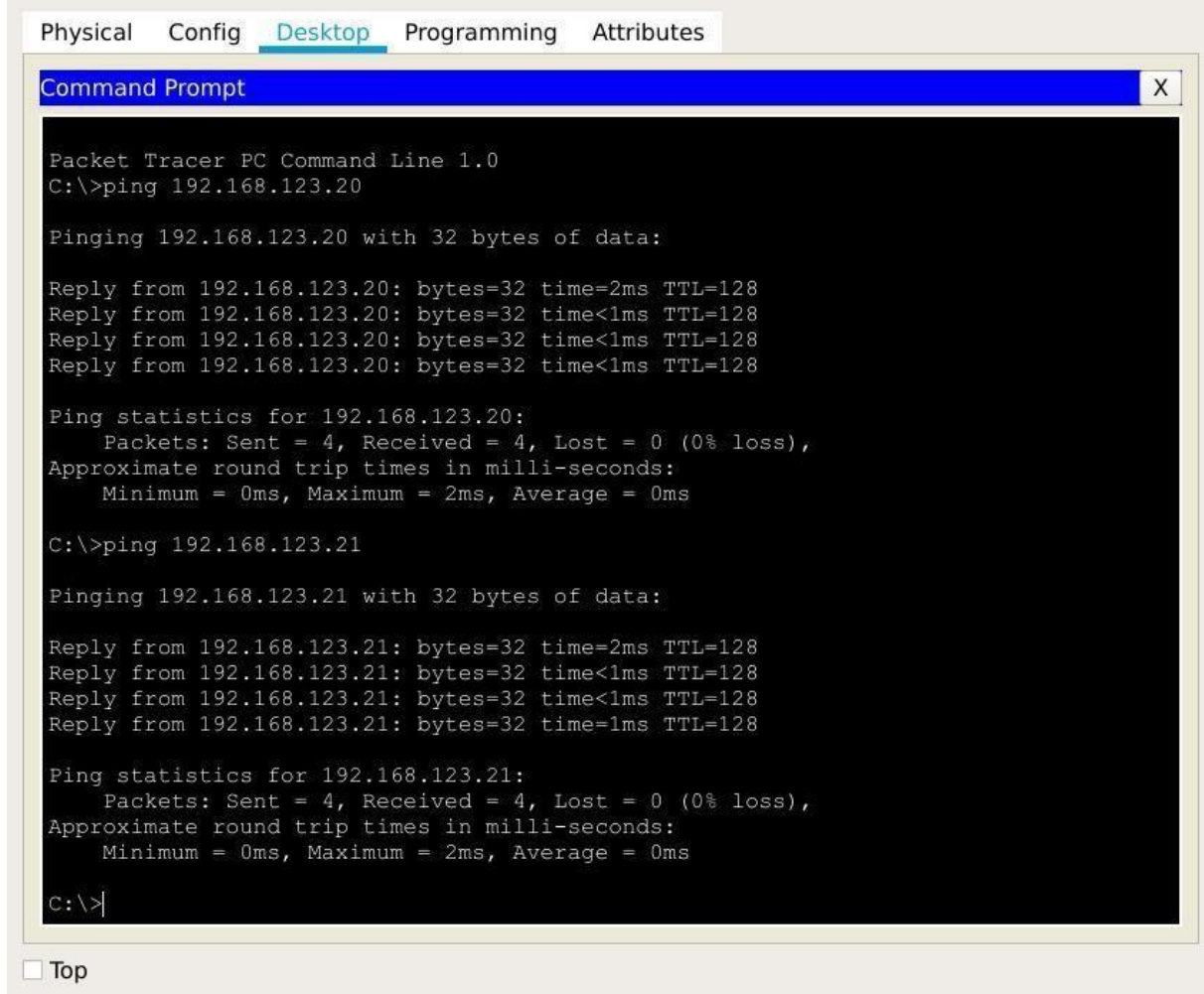
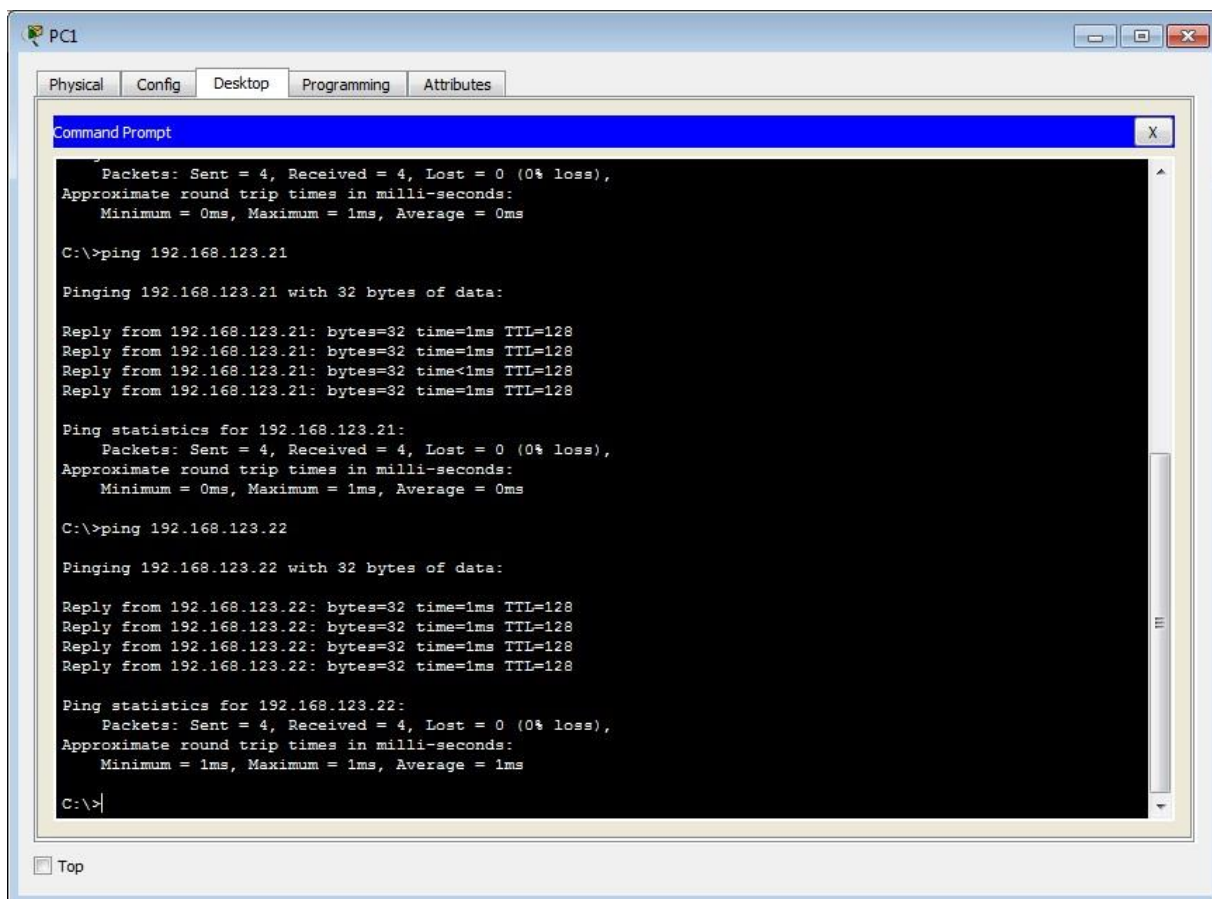
Top

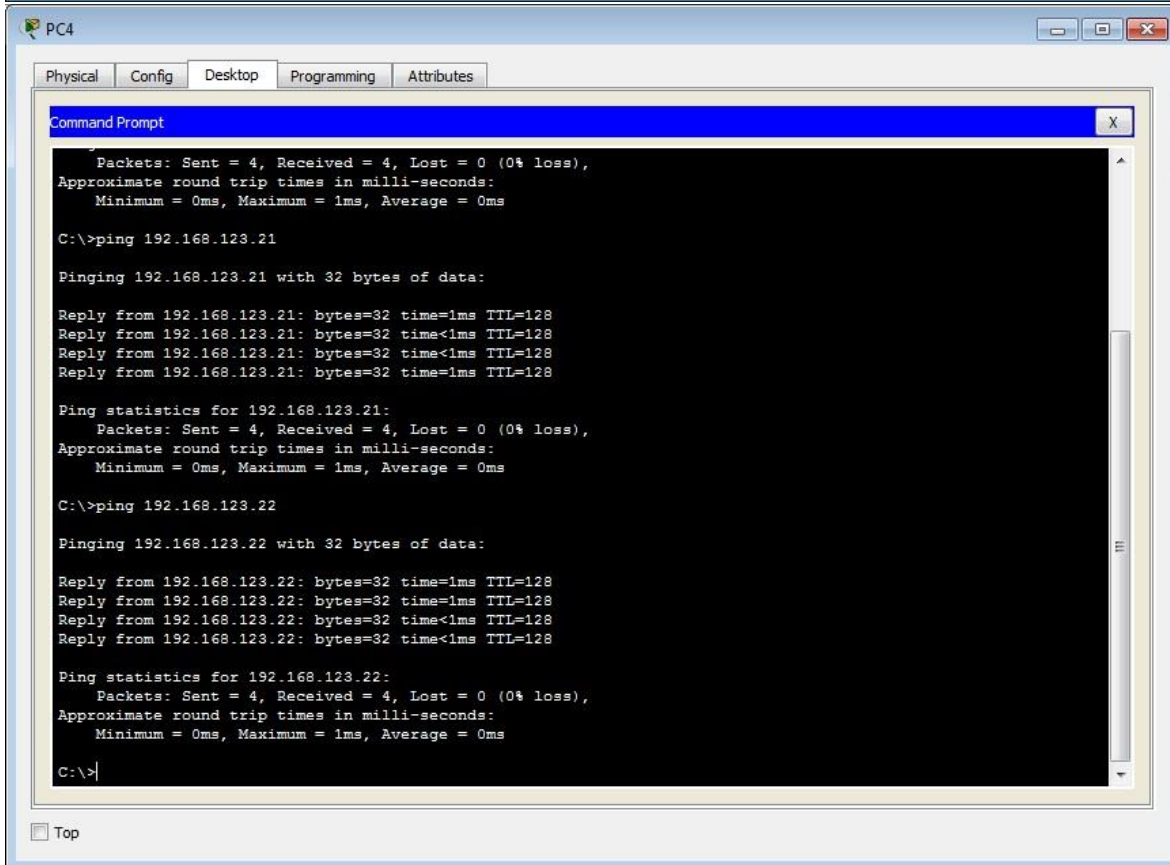
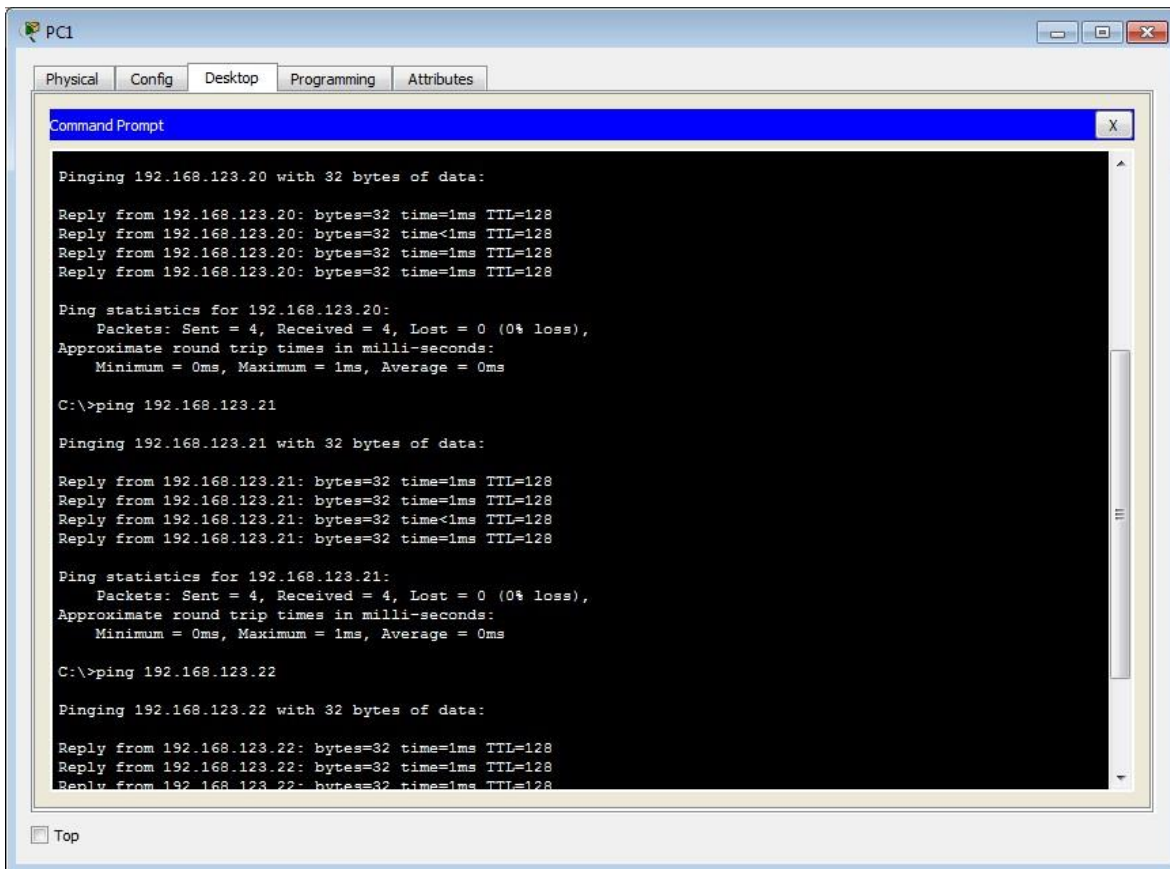
d.) mengkonfigurasi IP pada PC

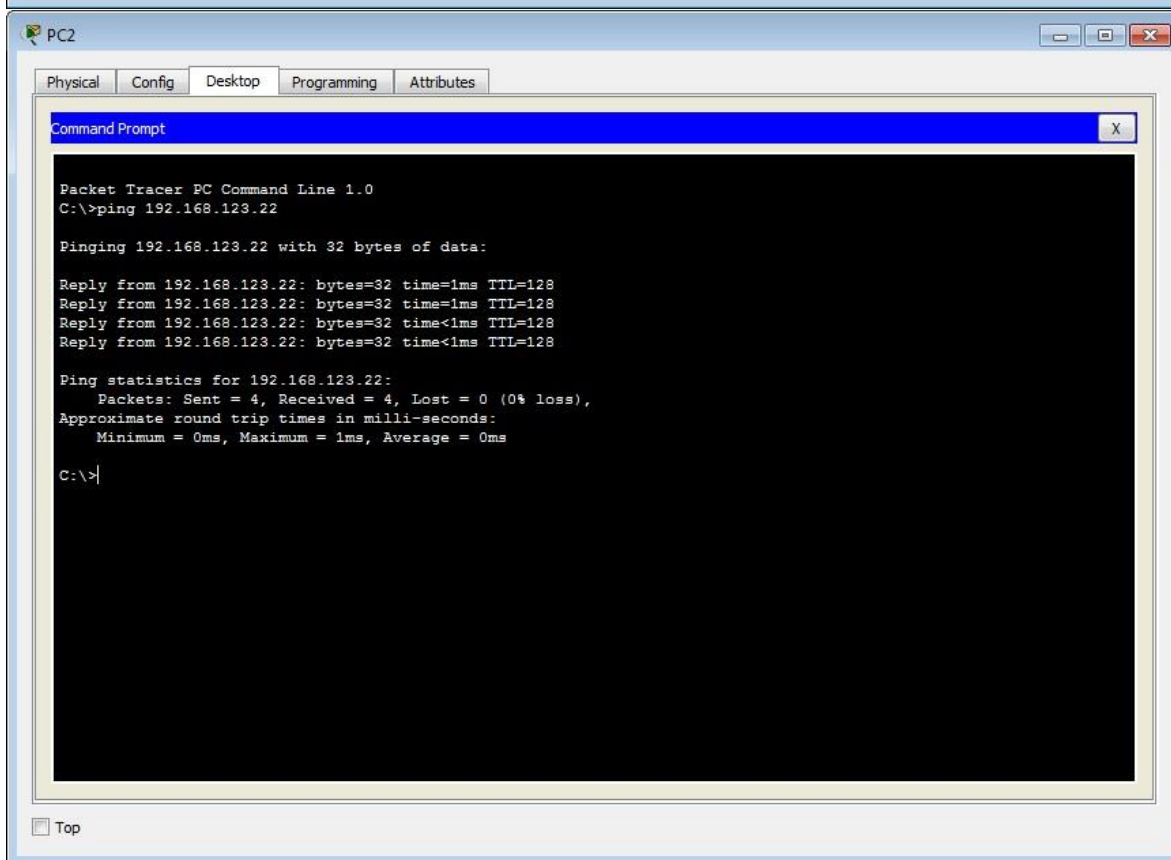
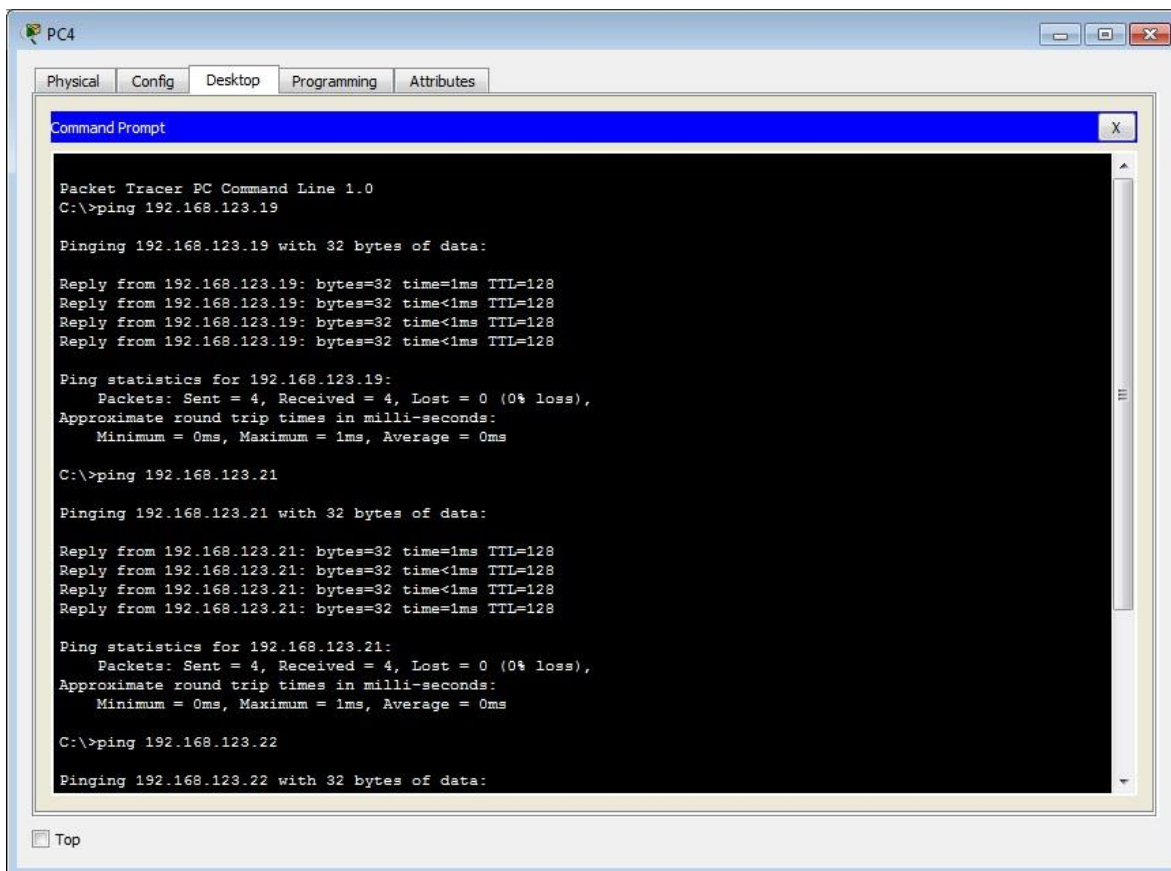
IP address pada PC merupakan IP dinamis yang diperoleh dari server, daftar IP tersebut dapat dilihat melalui tabel di bawah ini.

PC	IP
PC1	192.168.123.19
PC2	192.168.123.20
PC3	192.168.123.22
PC4	192.168.123.21

e) Tes koneksi PC yang terhubung dengan server DHCP.



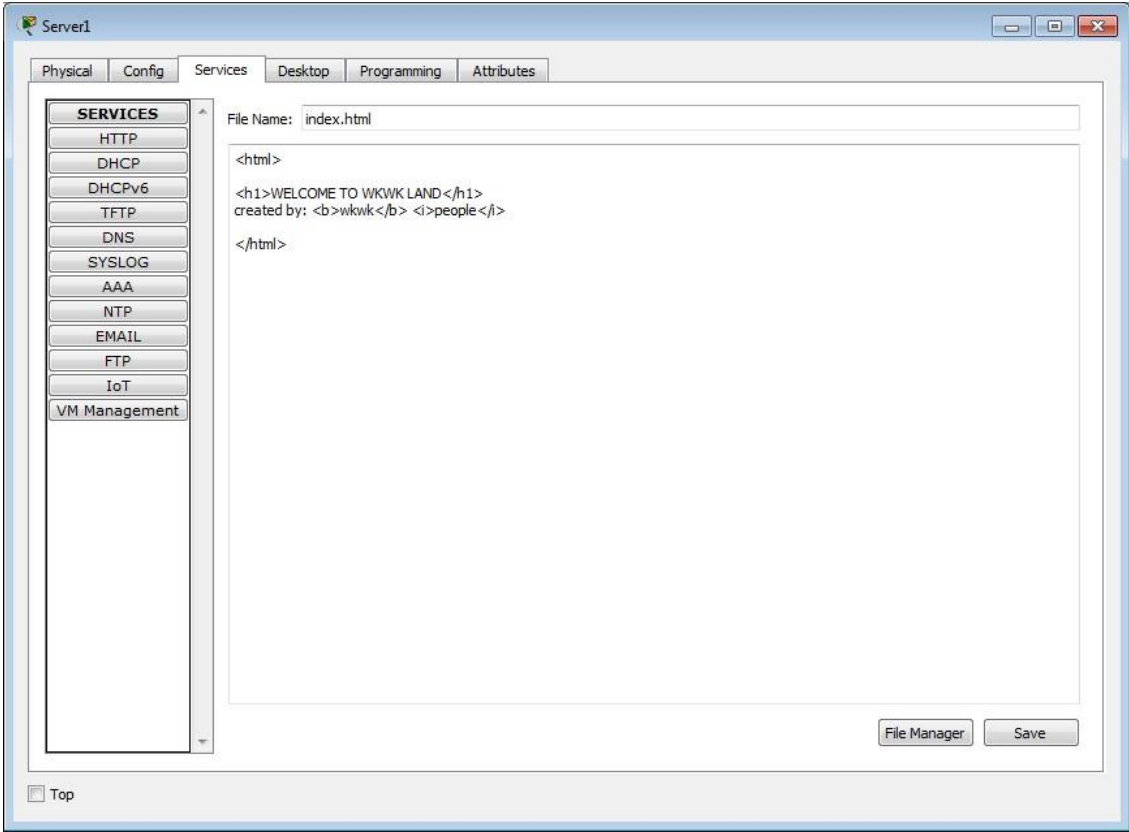
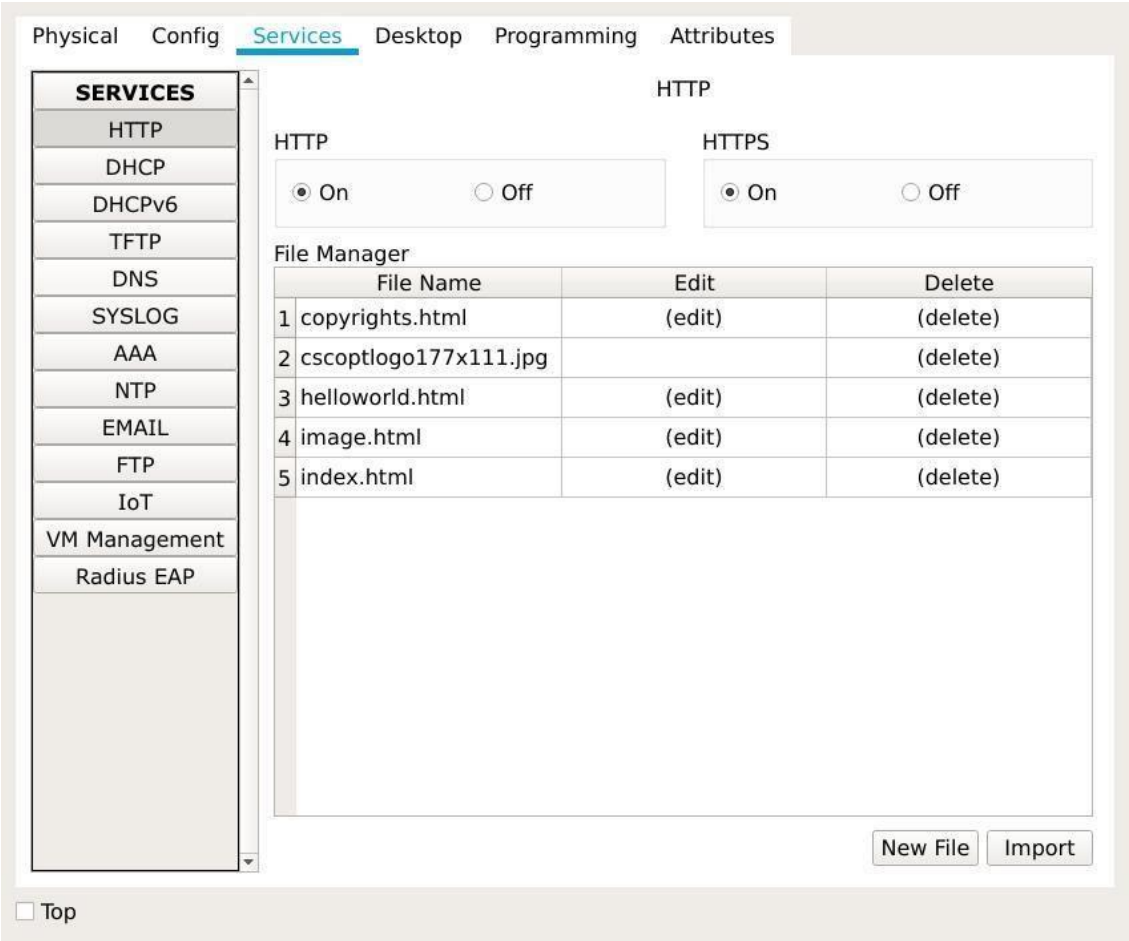






2. Membuat Web Server

a) Mengaktifkan service HTTP



b) Melakukan *browsing* HTTP

