COMPUTER NETWORK PRACTICUM
PRACTICUM 5

Writed by :

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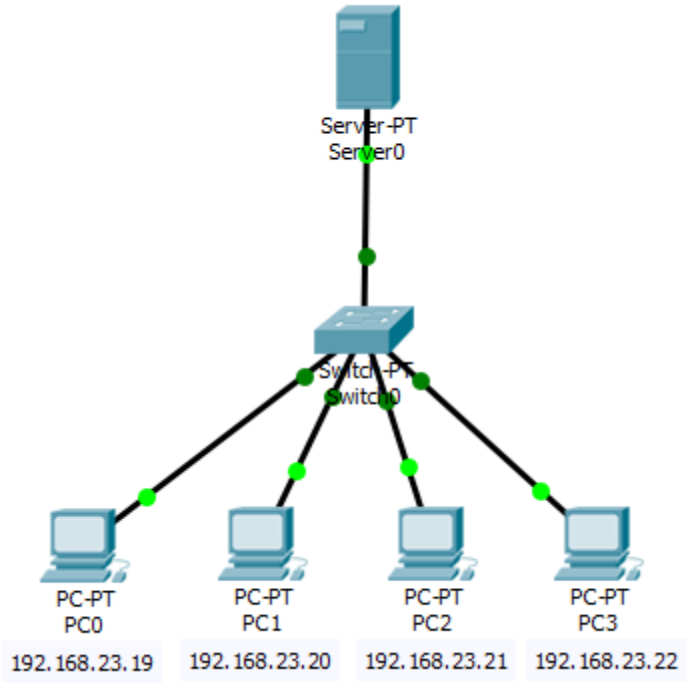
2020

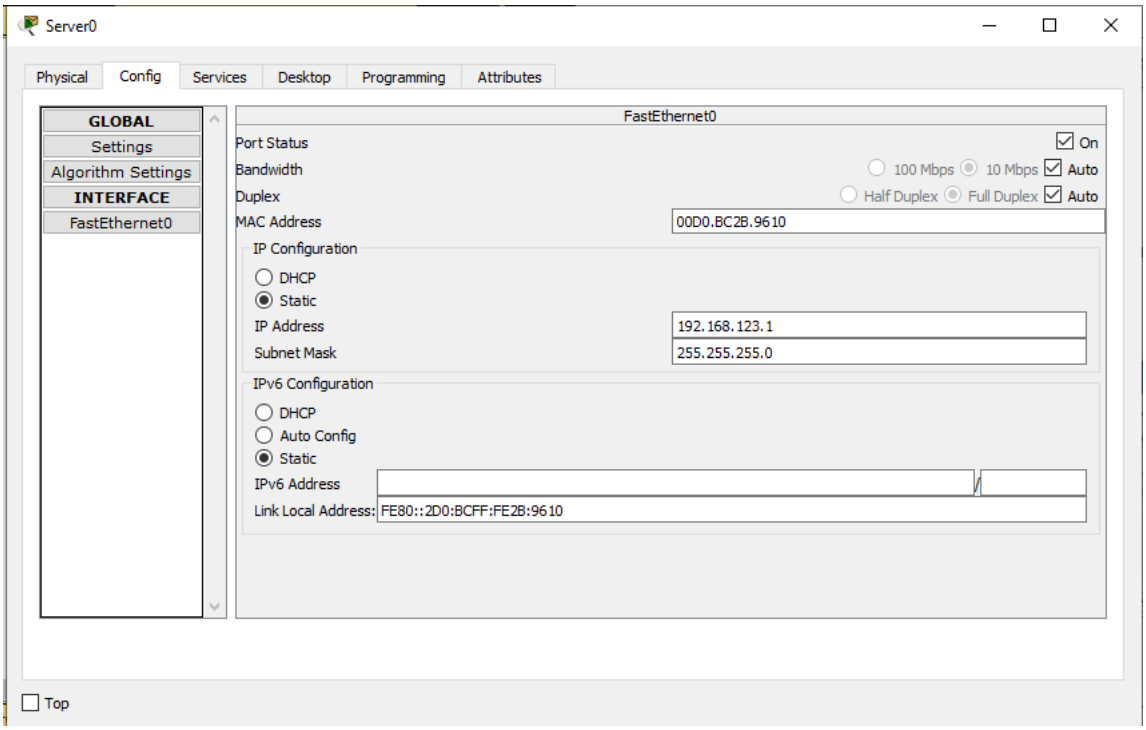
PRACTICUM ACTIVITIES

1. PRACTICUM 1. MAKE DHCP SERVER

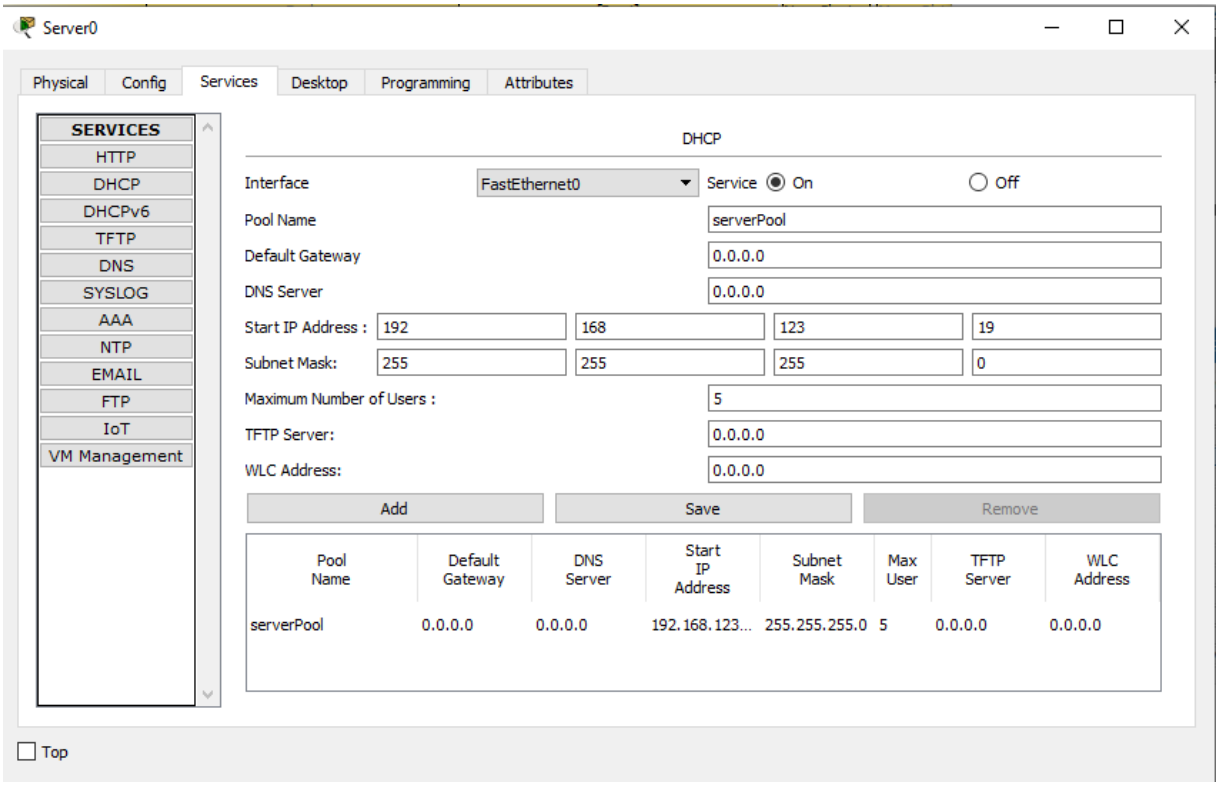
a. Designing 5 workstations, 1 switch, and 1 server on Packet Tracer



b. Configure the server's IP address to 192.168.123.1 with the subnet mask 255.255.255.0.



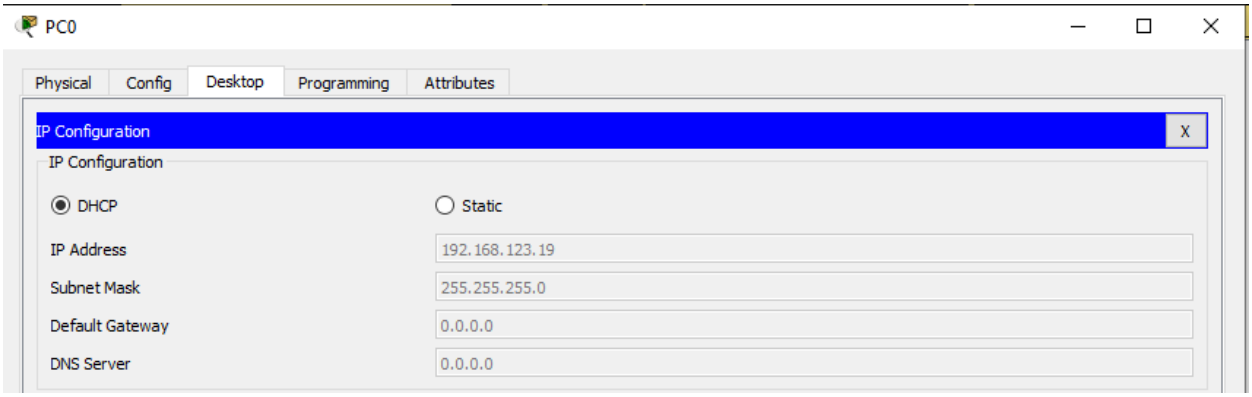
c. Configure DHCP on the server

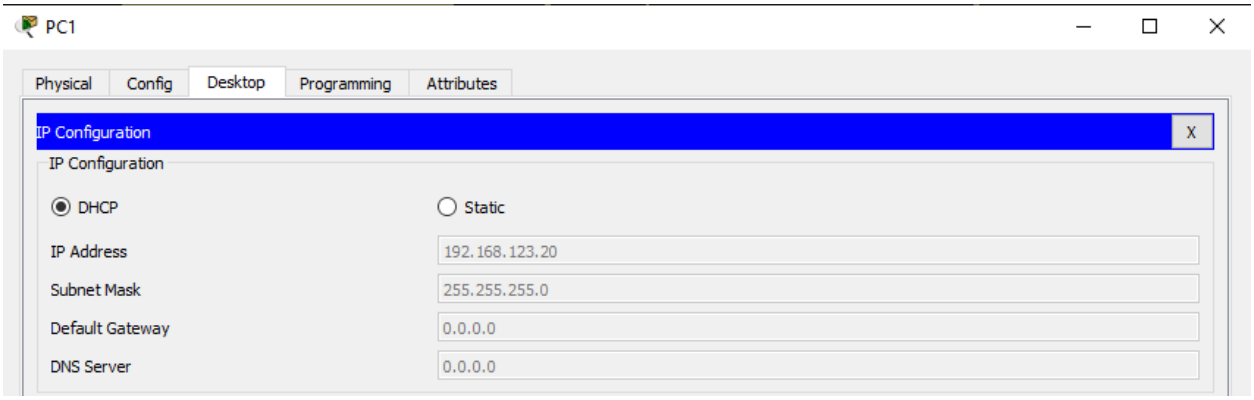


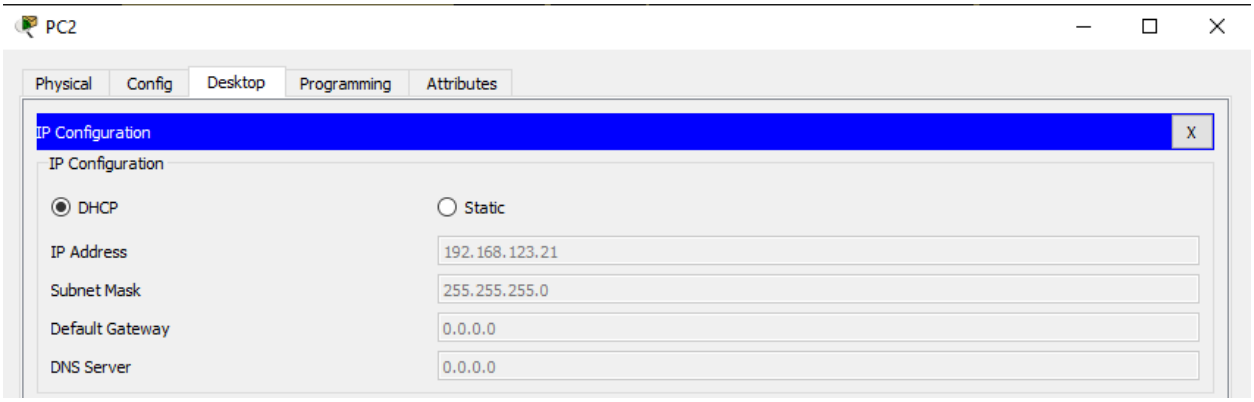
d. Configure IP on PC

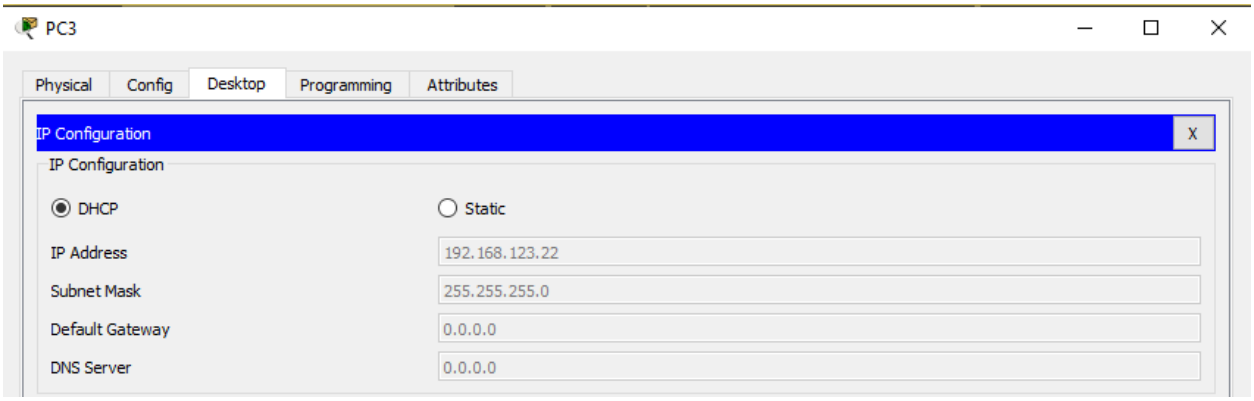
IP address on a PC is a dynamic IP obtained from the server, the list of IPs can be seen through the table below.

PC	IP
PC1	192.168.123.19
PC2	192.168.123.20
PC3	192.168.123.21
PC4	192.168.123.22

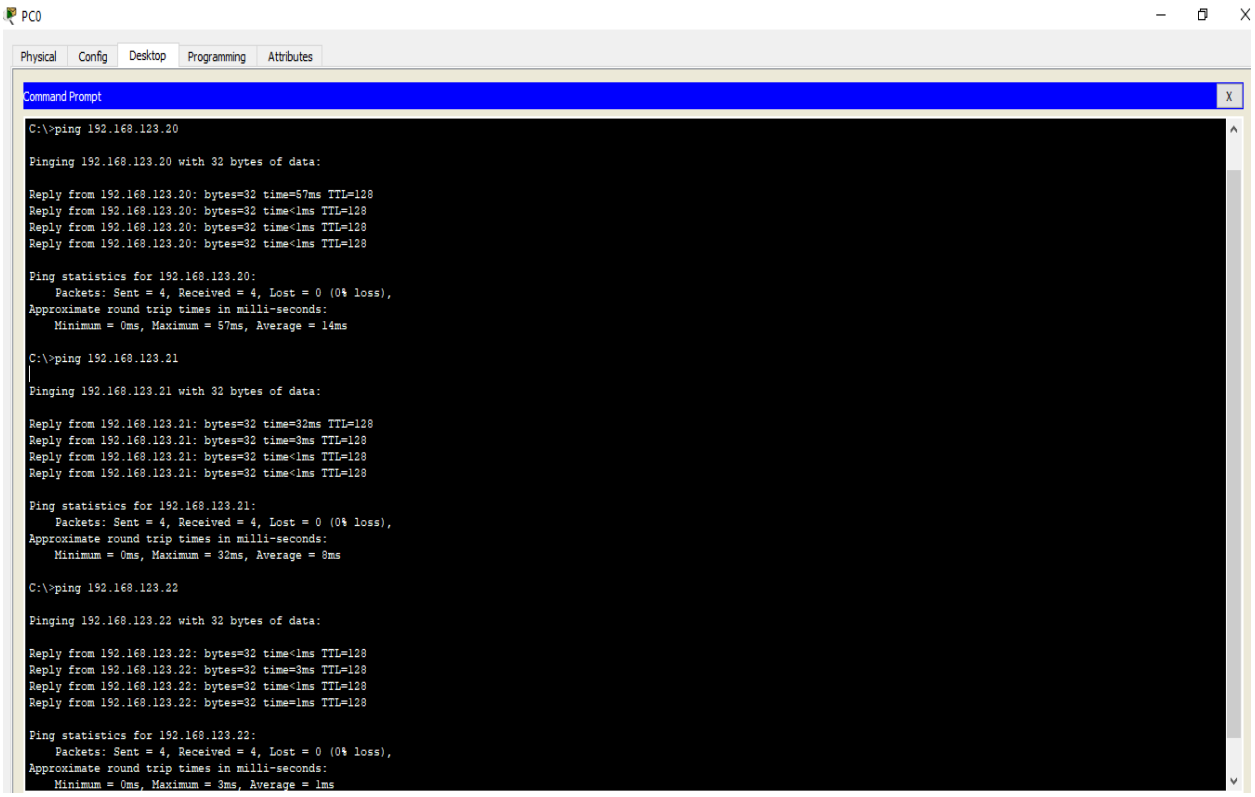

PC0
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
IP Configuration
DHCP
Static
IP Address
192.168.123.19
Subnet Mask
255.255.255.0
Default Gateway
0.0.0.0
DNS Server
0.0.0.0


PC1
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
IP Configuration
DHCP
Static
IP Address
192.168.123.20
Subnet Mask
255.255.255.0
Default Gateway
0.0.0.0
DNS Server
0.0.0.0

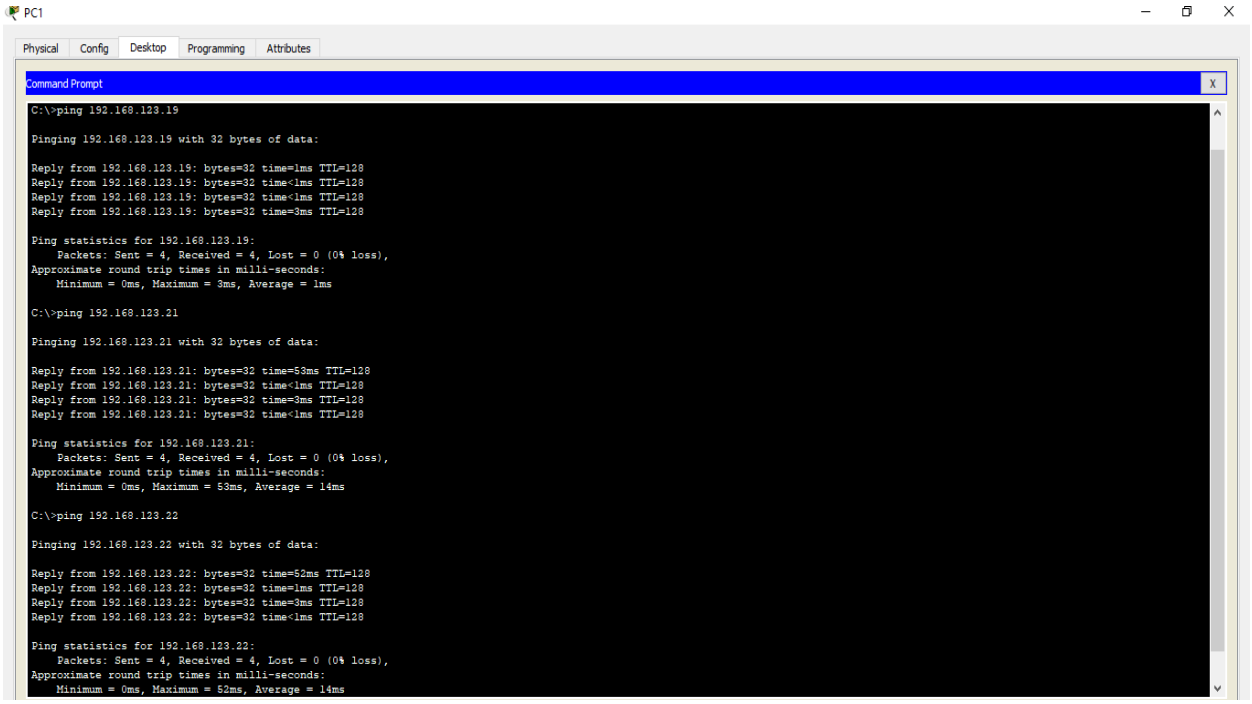

PC2
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
IP Configuration
DHCP
Static
IP Address
192.168.123.21
Subnet Mask
255.255.255.0
Default Gateway
0.0.0.0
DNS Server
0.0.0.0


PC3
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
IP Configuration
DHCP
Static
IP Address
192.168.123.22
Subnet Mask
255.255.255.0
Default Gateway
0.0.0.0
DNS Server
0.0.0.0

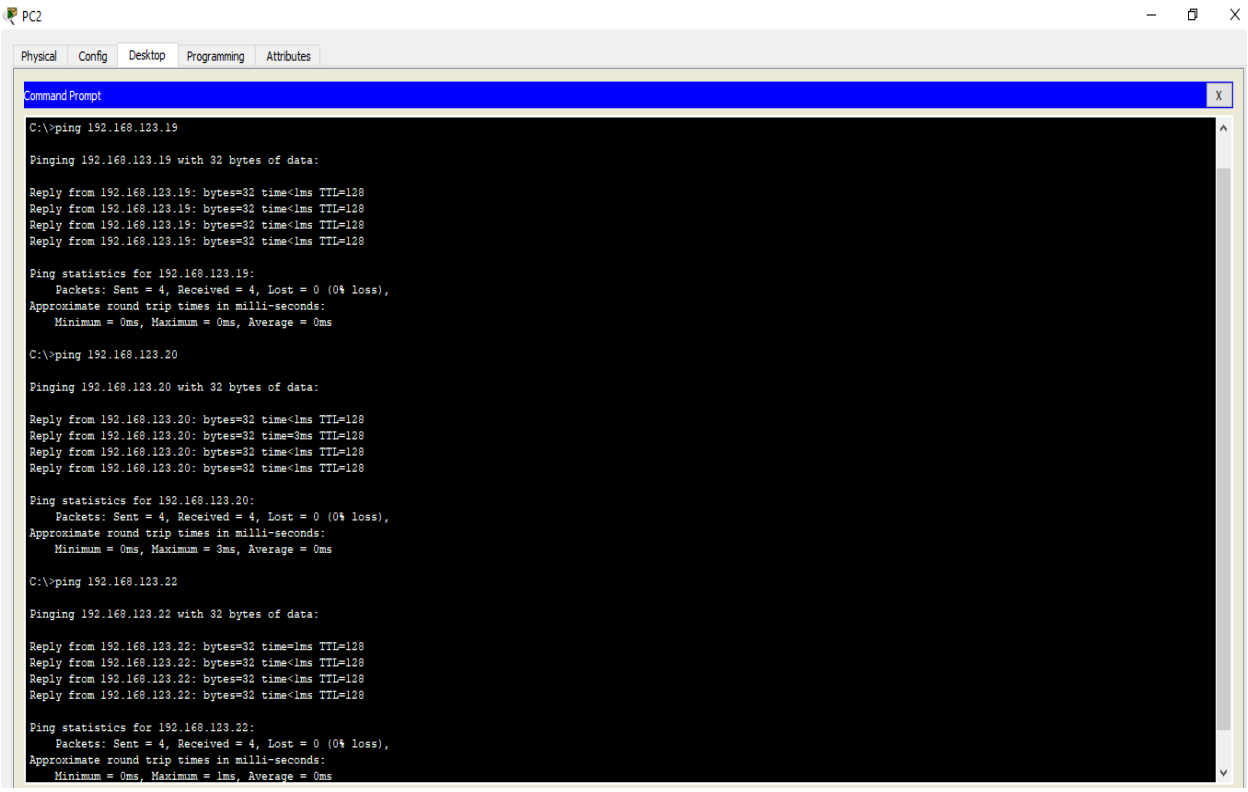
e. Test the connection of the PC connected to the DHCP server.



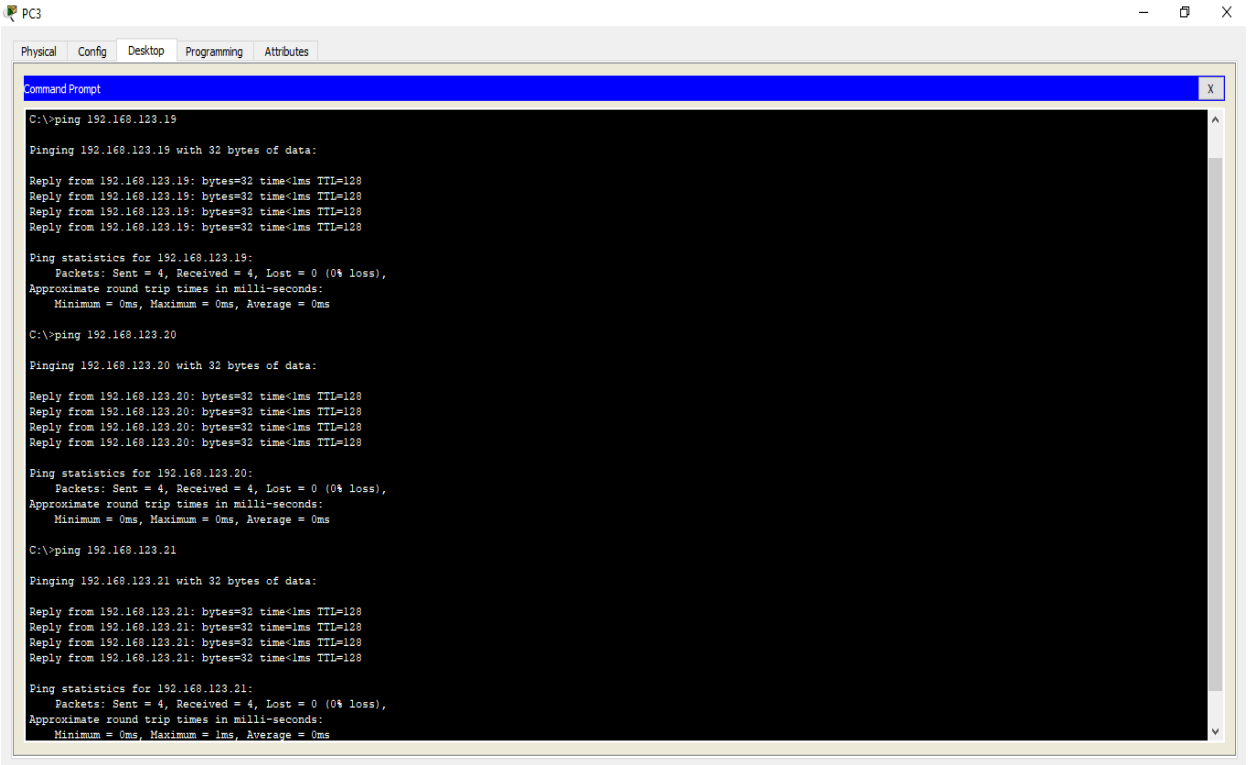
Picture 1.1. Pinging from PC0 to another PC



Picture 1.2. Pinging from PC1 to another PC



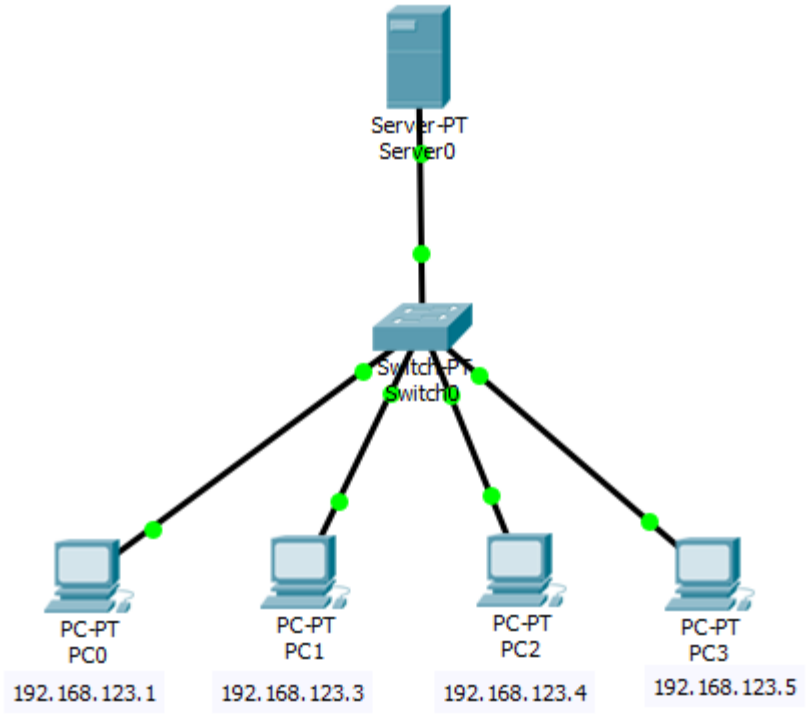
Picture 1.3. Pinging from PC2 to another PC



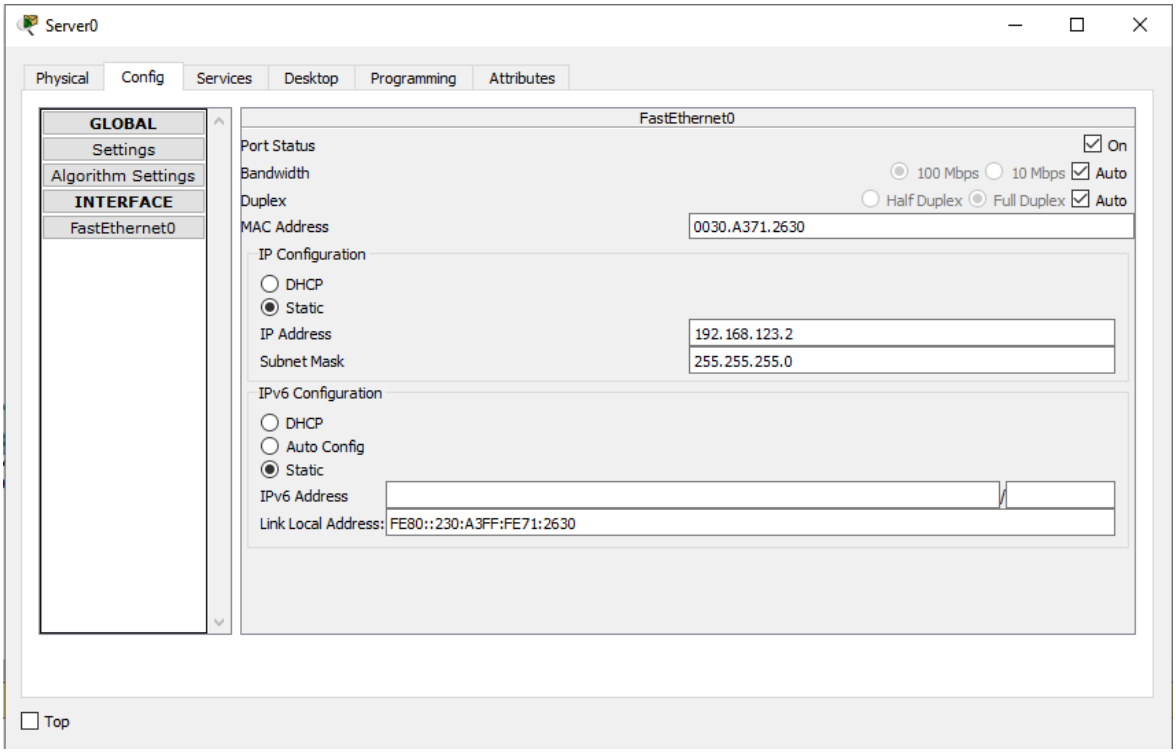
Picture 1.4. Pinging from PC3 to another PC.

2. PRACTICUM 2. MAKE A WEB SERVER

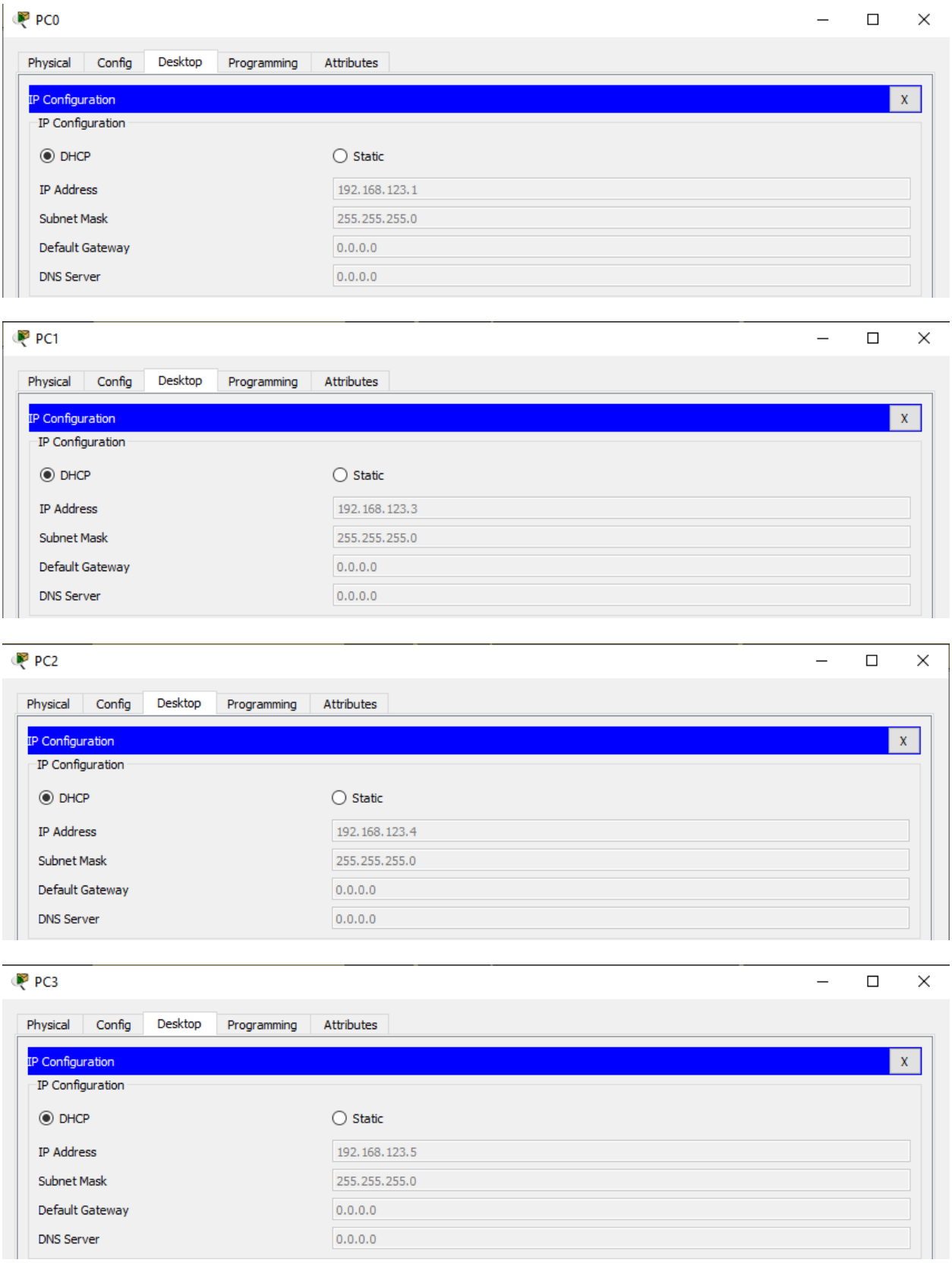
a. Topology design



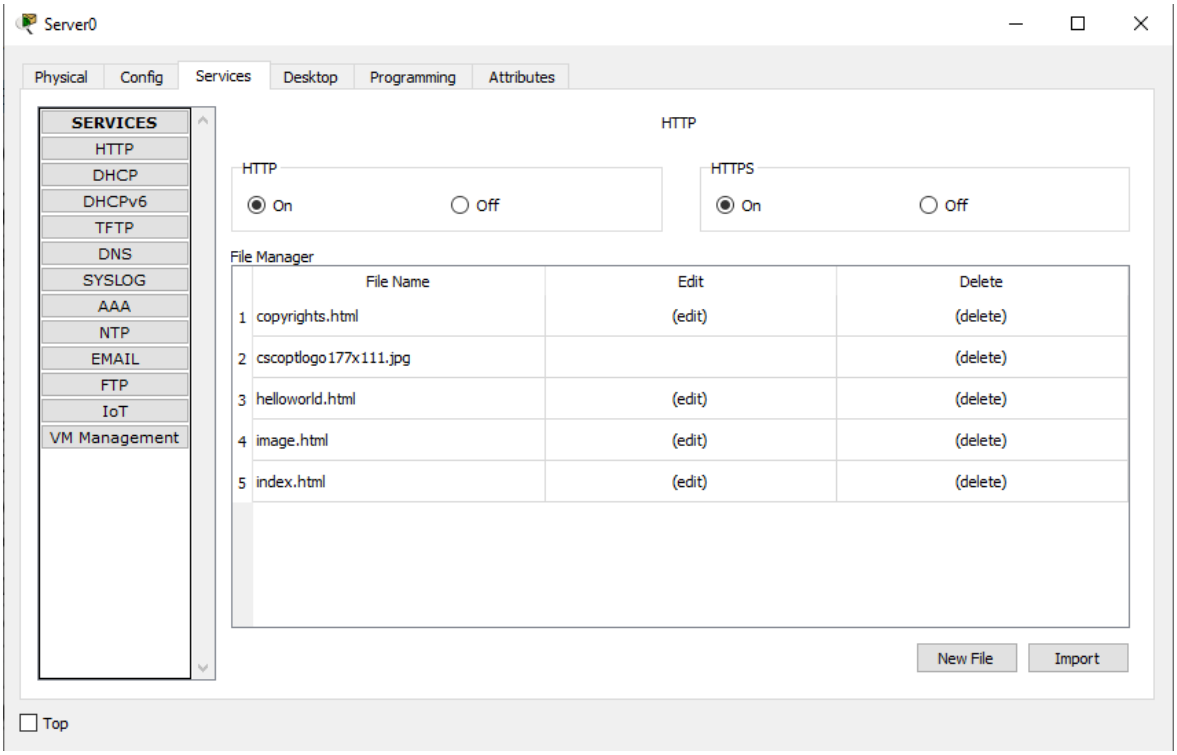
b. Configuring Fast-Ethernet on server0.



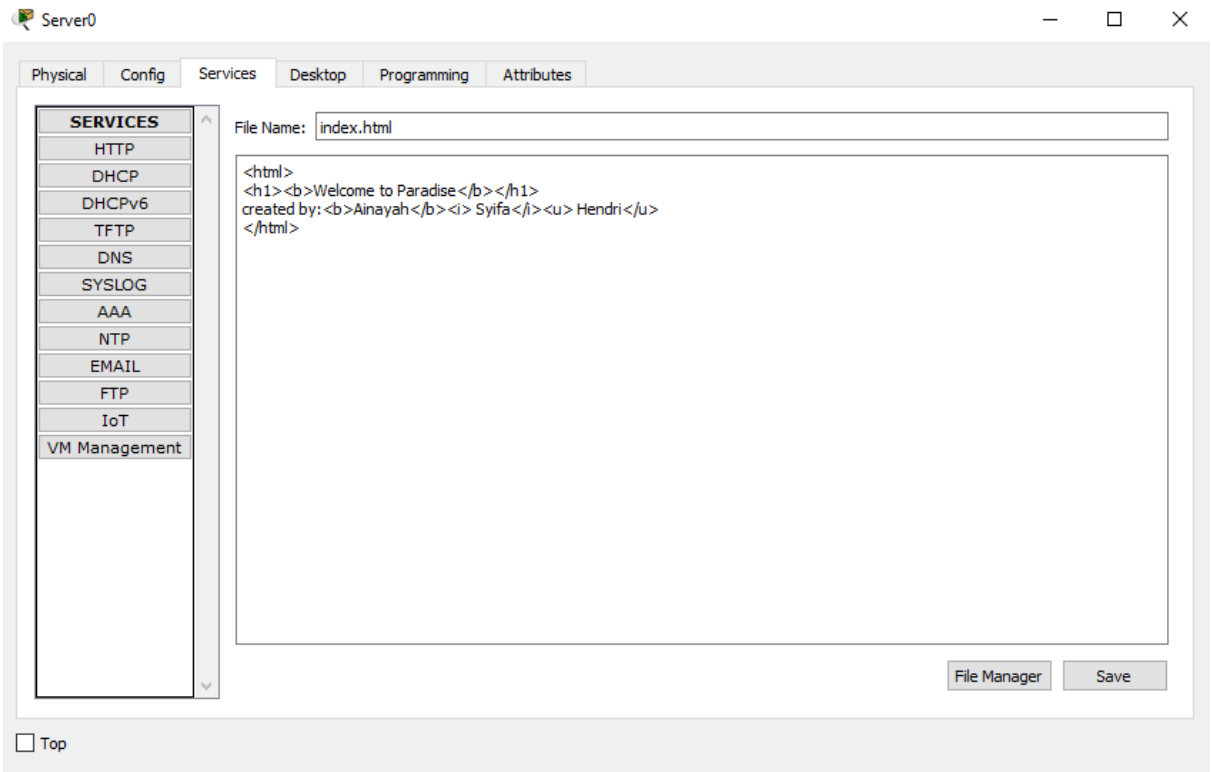
c. Configure the IP address of each PC in DHCP mode



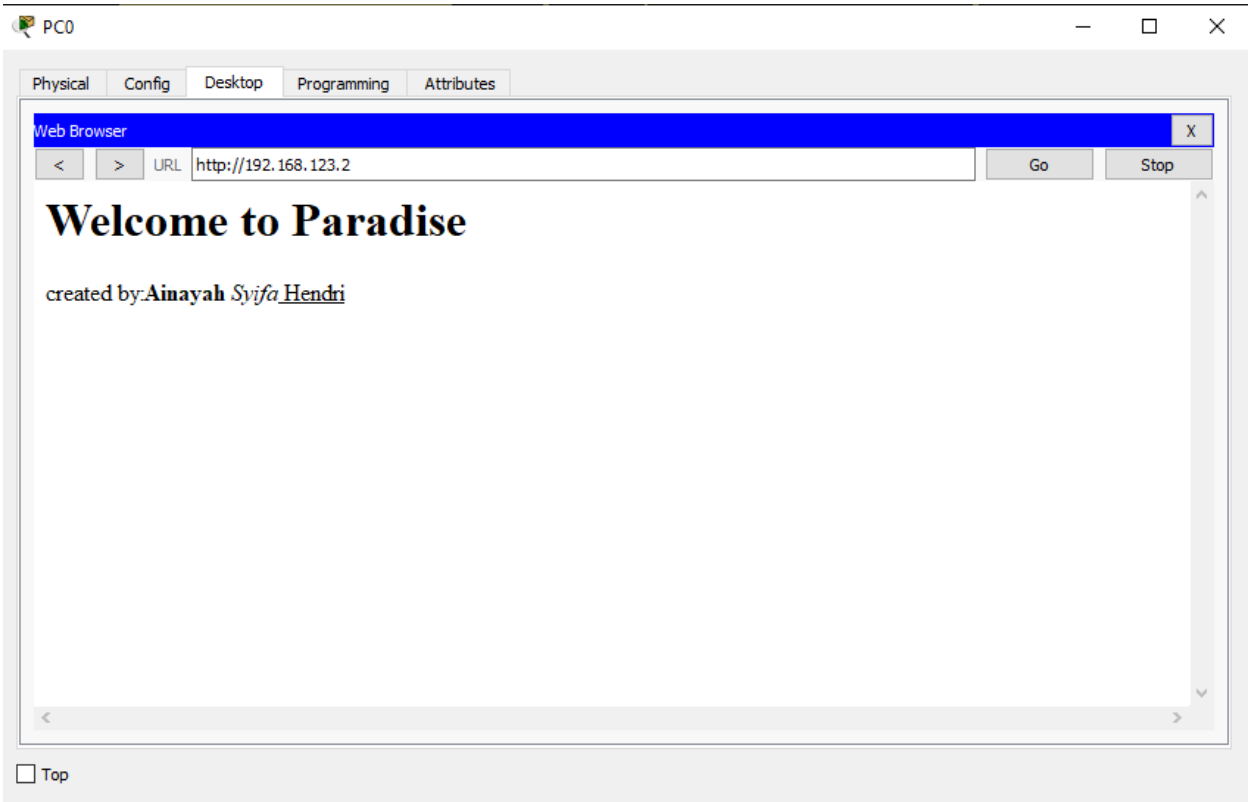
d. Activating HTTP service.



e. Edit the contents of the index.html tag.

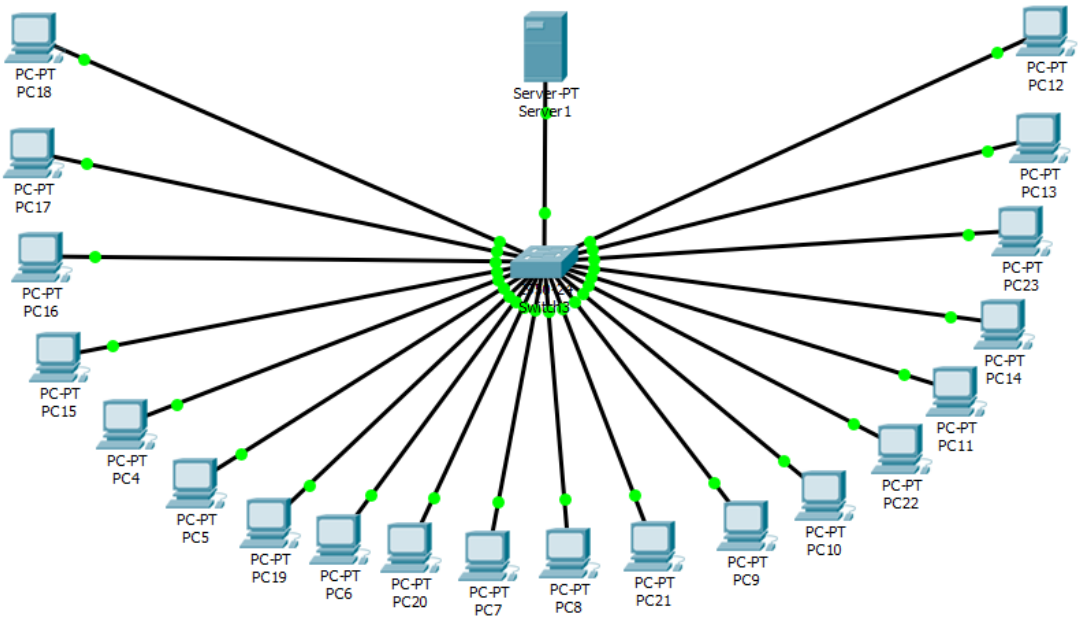


f. Browsing HTTP

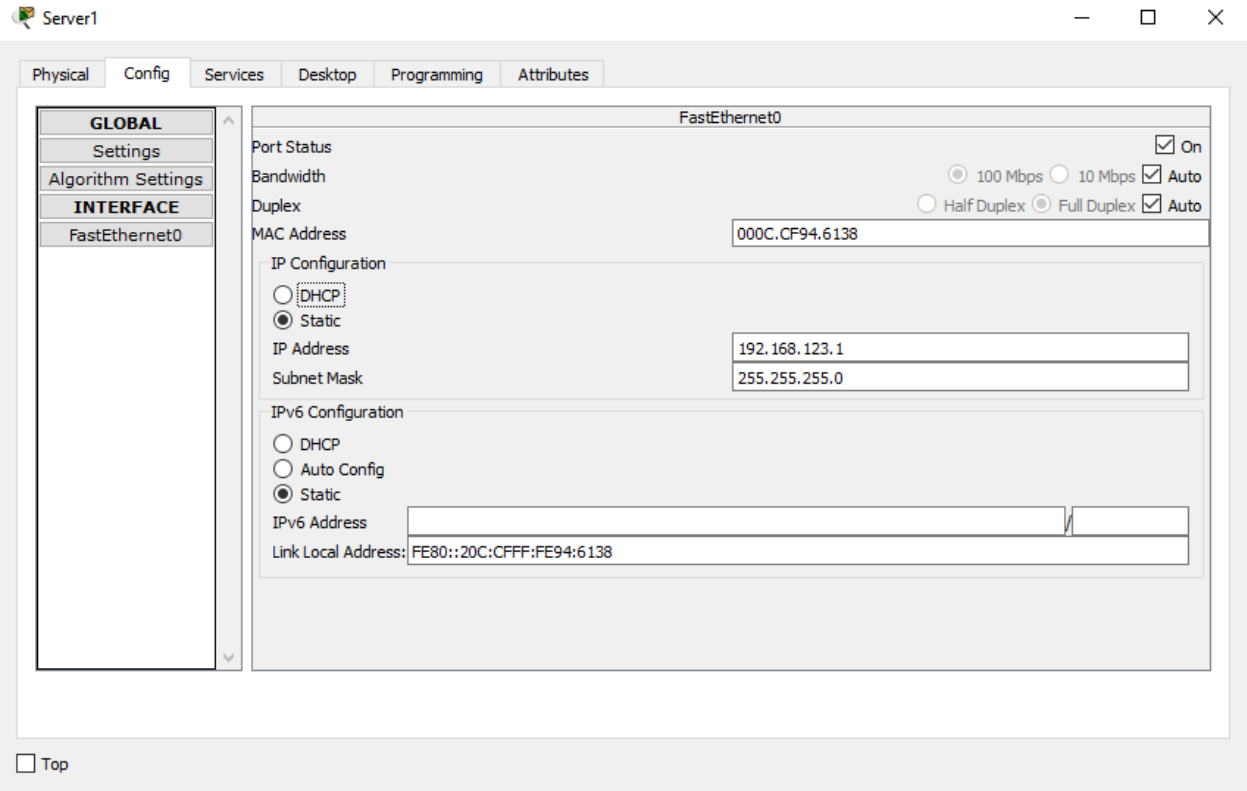


TASK

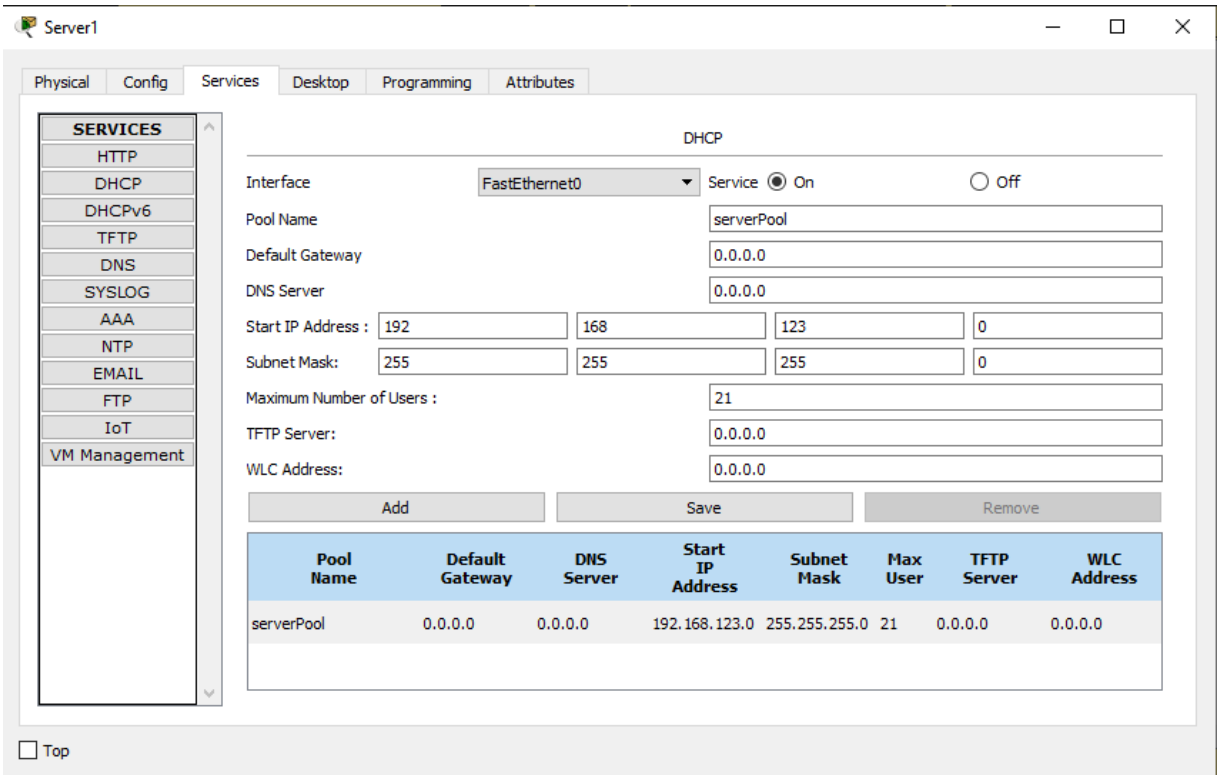
a. Topology design



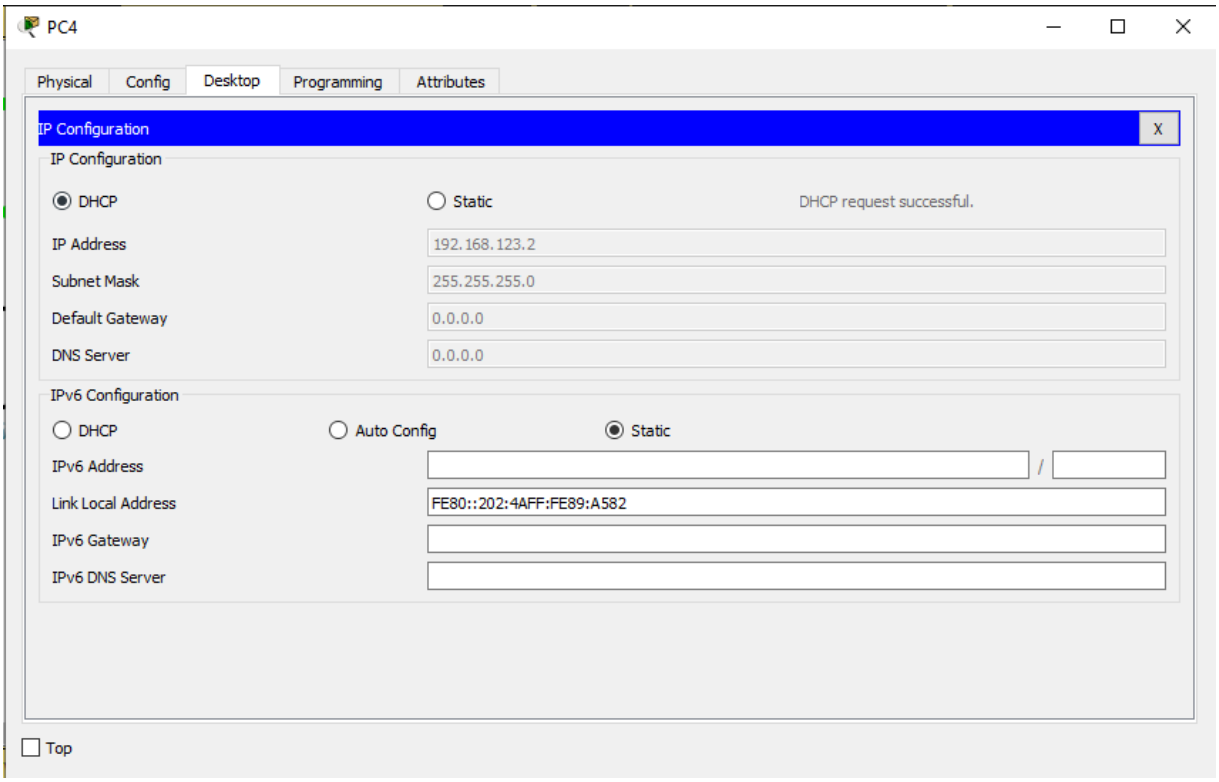
b. IP address configuration



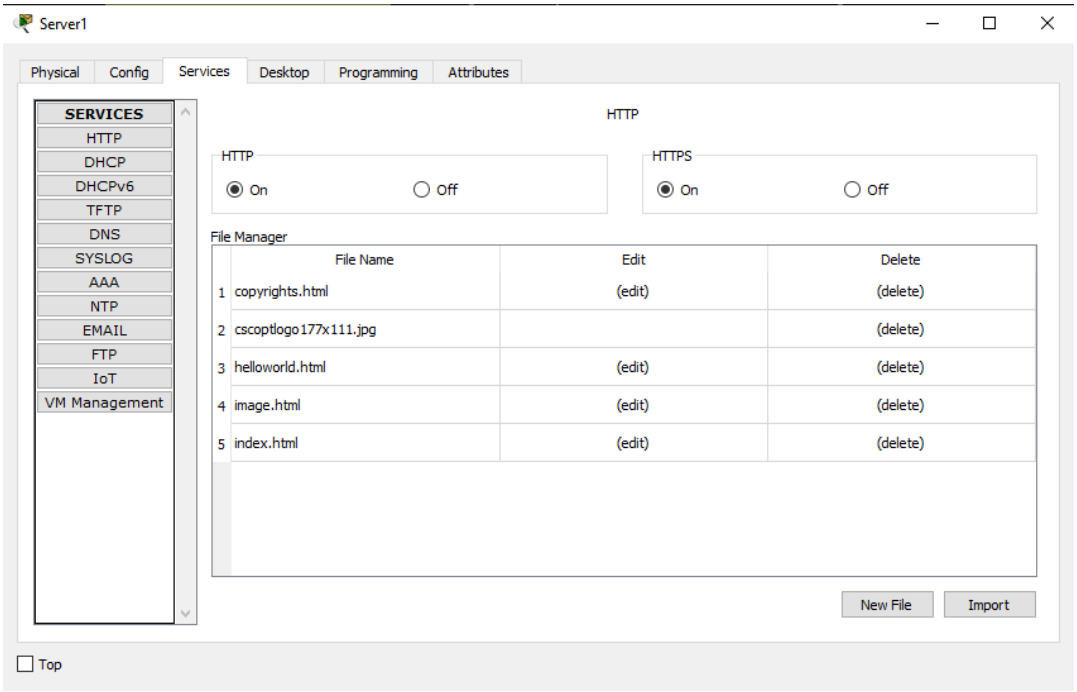
c. Set DHCP service in ON mode



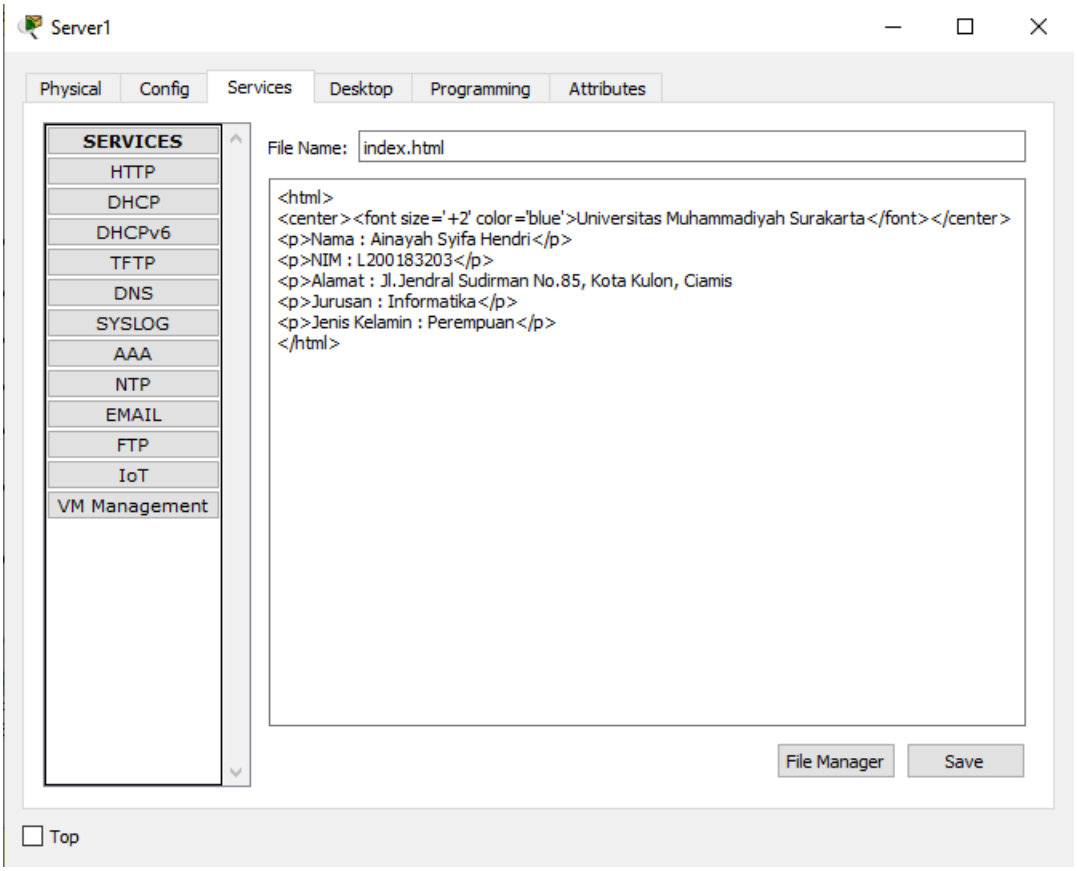
d. Configure the IP address on each PC in DHCP mode on all PCs.



e. Set HTTP service in ON mode



f. Edit the contents of the index.html tag



g. Browsing http