

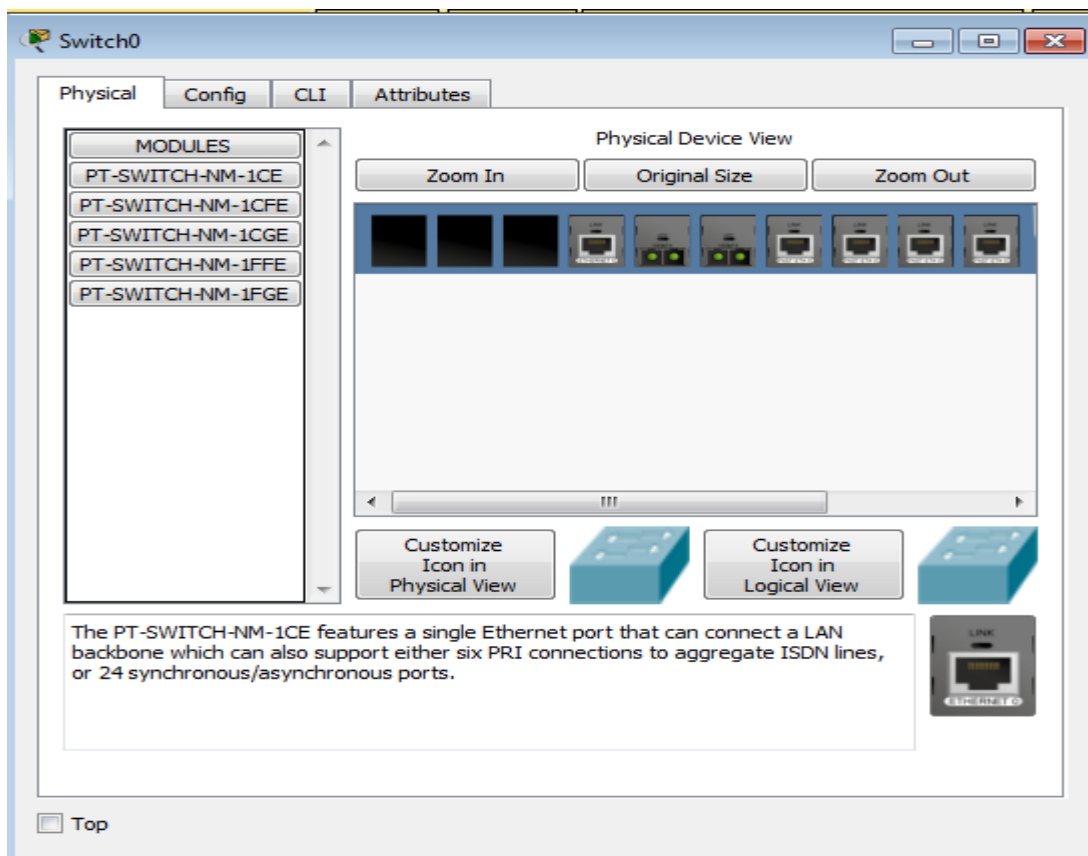
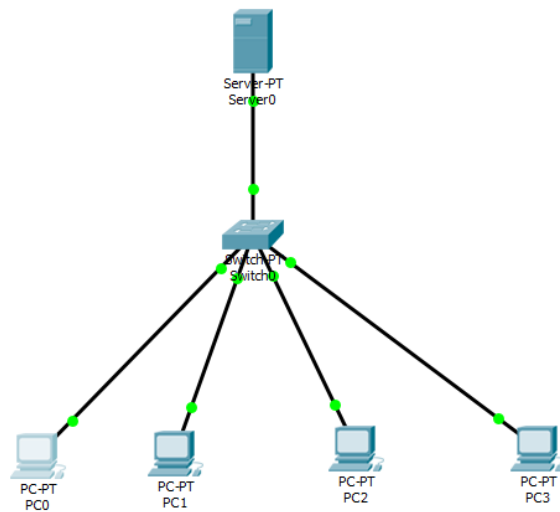
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KELAS : C

MODUL: 5

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Pada server 0 pilih tab Config → menu Interface, pilih Fast-Ethernet.

Pada IP Config isi dengan 192.168.123.1 dn subnet 255.255.255.0

The screenshot shows the 'Server0' configuration window with the 'Config' tab selected. The left sidebar shows the 'INTERFACE' section with 'FastEthernet0' selected. The main area displays the configuration for 'FastEthernet0'. The 'Port Status' is 'On'. The 'Bandwidth' is set to '10 Mbps'. The 'Duplex' is set to 'Full Duplex'. The 'MAC Address' is '0010.119C.B5EB'. The 'IP Configuration' is set to 'Static' with an 'IP Address' of '192.168.123.1' and a 'Subnet Mask' of '255.255.255.0'. The 'IPv6 Configuration' is set to 'Static' with an 'IPv6 Address' field and a 'Link Local Address' of 'FE80::210:11FF:FE9C:B5EB'. A 'Top' button is at the bottom left.

Untuk konfigurasi DHCP server pada jendela properties server 0 pilih DHCP, dan pastikan server DHCP On. Isi blok IP Address yang diberikan ke PC client.

The screenshot shows the 'Server0' configuration window with the 'Services' tab selected. The left sidebar shows the 'SERVICES' section with 'DHCP' selected. The main area displays the configuration for 'DHCP'. The 'Interface' is 'FastEthernet0'. The 'Service' is 'On'. The 'Pool Name' is 'serverPool'. The 'Default Gateway' is '0.0.0.0'. The 'DNS Server' is '0.0.0.0'. The 'Start IP Address' is '192.168.123.19'. The 'Subnet Mask' is '255.255.255.0'. The 'Maximum Number of Users' is '237'. The 'TFTP Server' is '0.0.0.0'. The 'WLC Address' is '0.0.0.0'. There are 'Add', 'Save', and 'Remove' buttons. Below is a table showing the configuration for the 'serverPool'.

| 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...   | 255.255.255.0 | 237      | 0.0.0.0     | 0.0.0.0     |

A 'Top' button is at the bottom left.

Pada setiap PC pastikan pilihan radio button pada pilihan DHCP, dan akan muncul dengan sendirinya IP Address dan subnet setiap PC.

The image shows two screenshots of a network simulator interface. The top screenshot is for PC0, and the bottom screenshot is for PC1.

**PC0 Configuration:**

- Physical tab is selected.
- IP Configuration section:
  - ☒ DHCP (selected)
  - ☐ 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
- IPv6 Configuration section:
  - ☐ DHCP
  - ☐ Auto Config
  - ☒ Static (selected)
  - IPv6 Address: [empty] / [empty]
  - Link Local Address: FE80::204:9AFF:FE44:E4C6
  - IPv6 Gateway: [empty]
  - IPv6 DNS Server: [empty]

**PC1 Configuration:**

- Config tab is selected.
- Left sidebar:
  - GLOBAL: Settings, Algorithm Settings
  - INTERFACE: FastEthernet0, Bluetooth
- Global Settings section:
  - Display Name: PC1
  - Gateway/DNS IPv4:
    - ☒ DHCP (selected)
    - ☐ Static
    - Gateway: 0.0.0.0
    - DNS Server: 0.0.0.0
  - Gateway/DNS IPv6:
    - ☐ DHCP
    - ☐ Auto Config
    - ☒ Static (selected)
    - IPv6 Gateway: [empty]
    - IPv6 DNS Server: [empty]

PC2

Physical Config Desktop Programming Attributes

IP Configuration

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

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::2E0:A3FF:FE48:CBD8

IPv6 Gateway

IPv6 DNS Server

Top

PC3

Physical Config Desktop Programming Attributes

IP Configuration

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

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

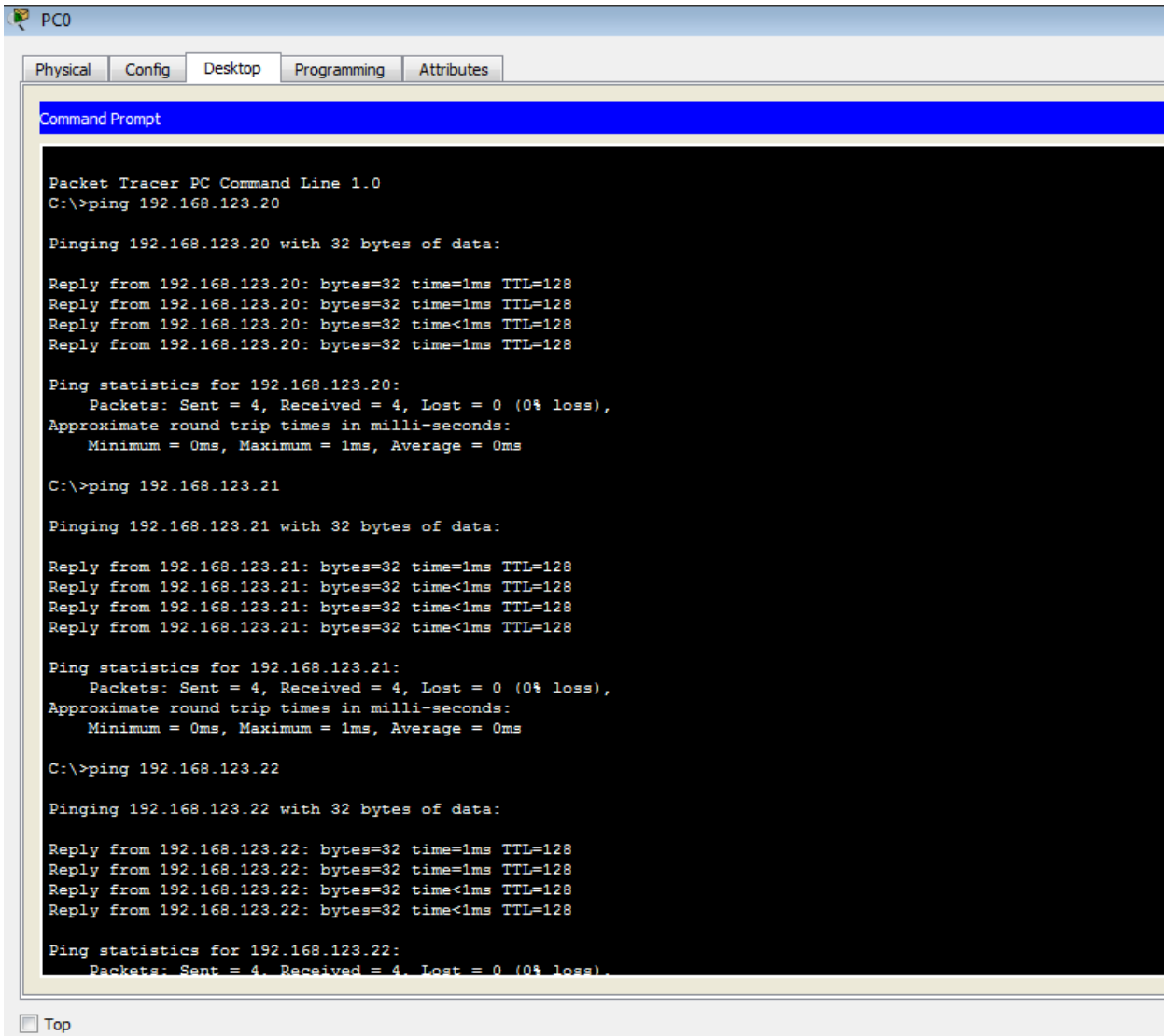
Link Local Address FE80::2E0:F9FF:FE72:EAEA

IPv6 Gateway

IPv6 DNS Server

Top

Kemudian uji cobalah dengan ping, apakah semua tersambung atau tidak



The screenshot shows the Packet Tracer PC Command Line interface for PC0. The interface has tabs for Physical, Config, Desktop, Programming, and Attributes. The Desktop tab is active, displaying a Command Prompt window. The Command Prompt shows the execution of three ping commands: ping 192.168.123.20, ping 192.168.123.21, and ping 192.168.123.22. Each command is followed by a detailed response showing the ping statistics and round trip times.

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.123.20

Pinging 192.168.123.20 with 32 bytes of data:

Reply from 192.168.123.20: bytes=32 time=1ms TTL=128
Reply from 192.168.123.20: bytes=32 time=1ms TTL=128
Reply from 192.168.123.20: bytes=32 time<1ms TTL=128
Reply from 192.168.123.20: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.123.20:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.123.21

Pinging 192.168.123.21 with 32 bytes of data:

Reply from 192.168.123.21: bytes=32 time=1ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128
Reply from 192.168.123.21: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

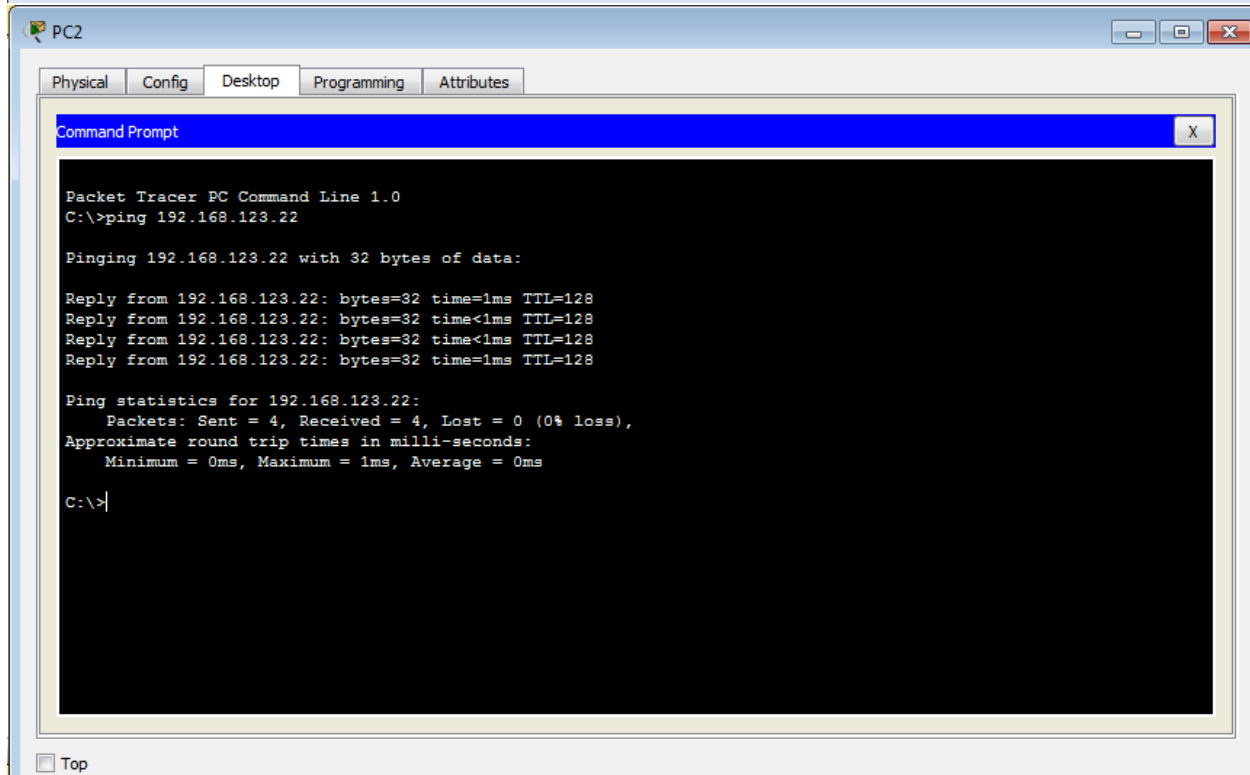
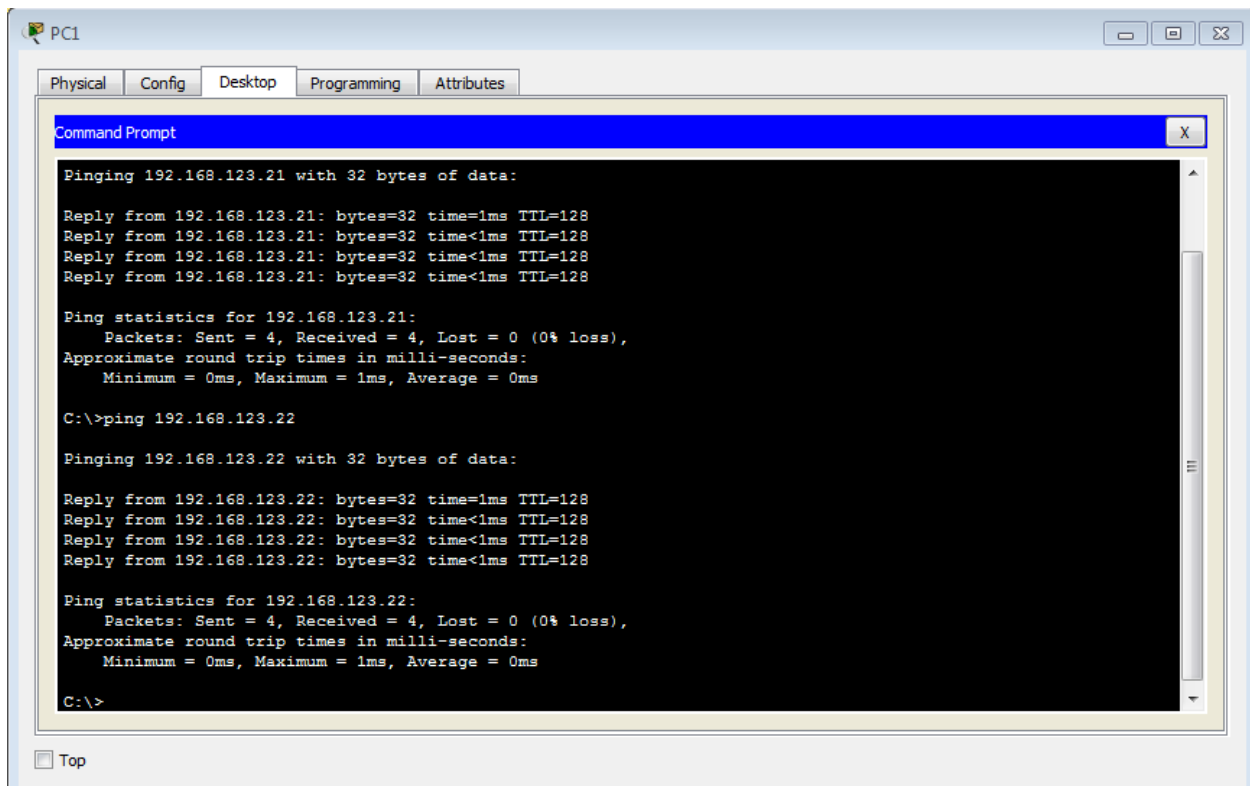
C:\>ping 192.168.123.22

Pinging 192.168.123.22 with 32 bytes of data:

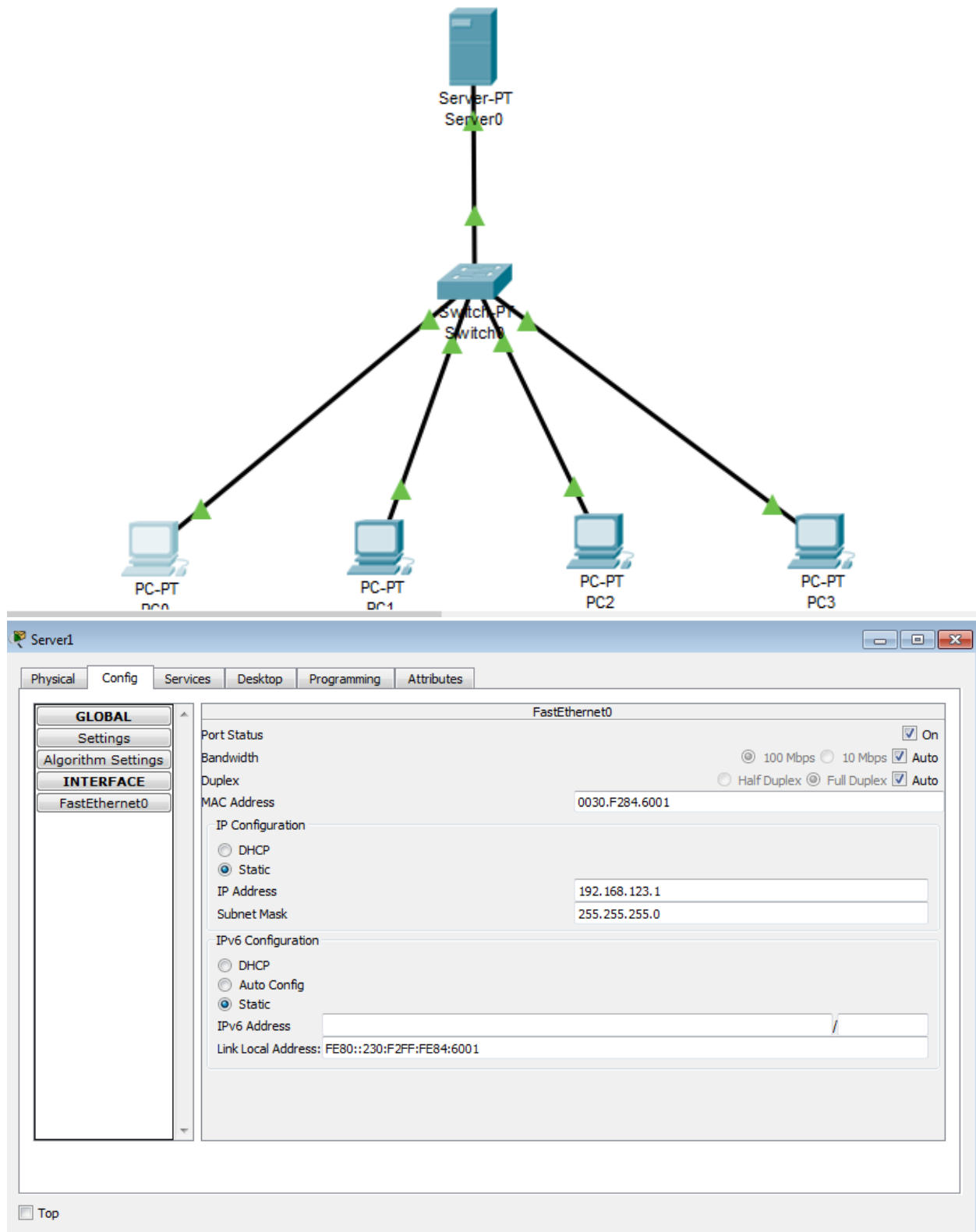
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time=1ms TTL=128
Reply from 192.168.123.22: bytes=32 time<1ms TTL=128
Reply from 192.168.123.22: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.22:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

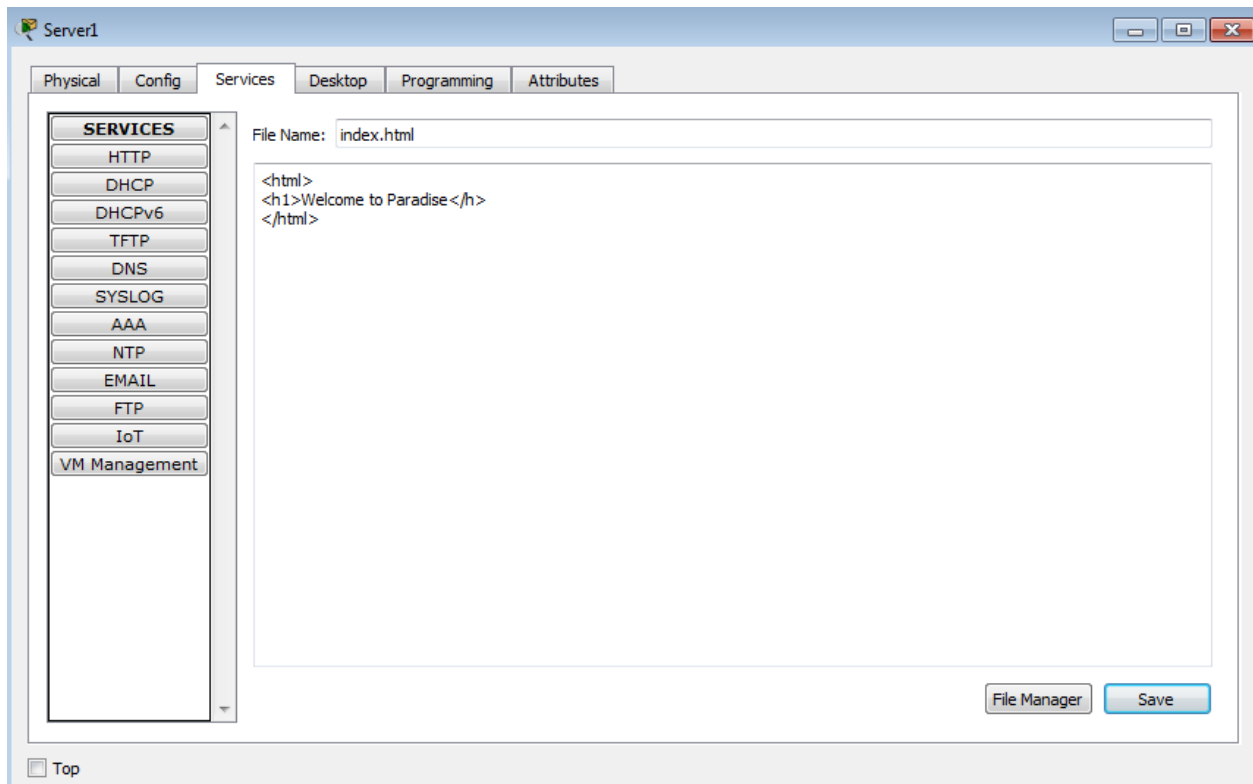
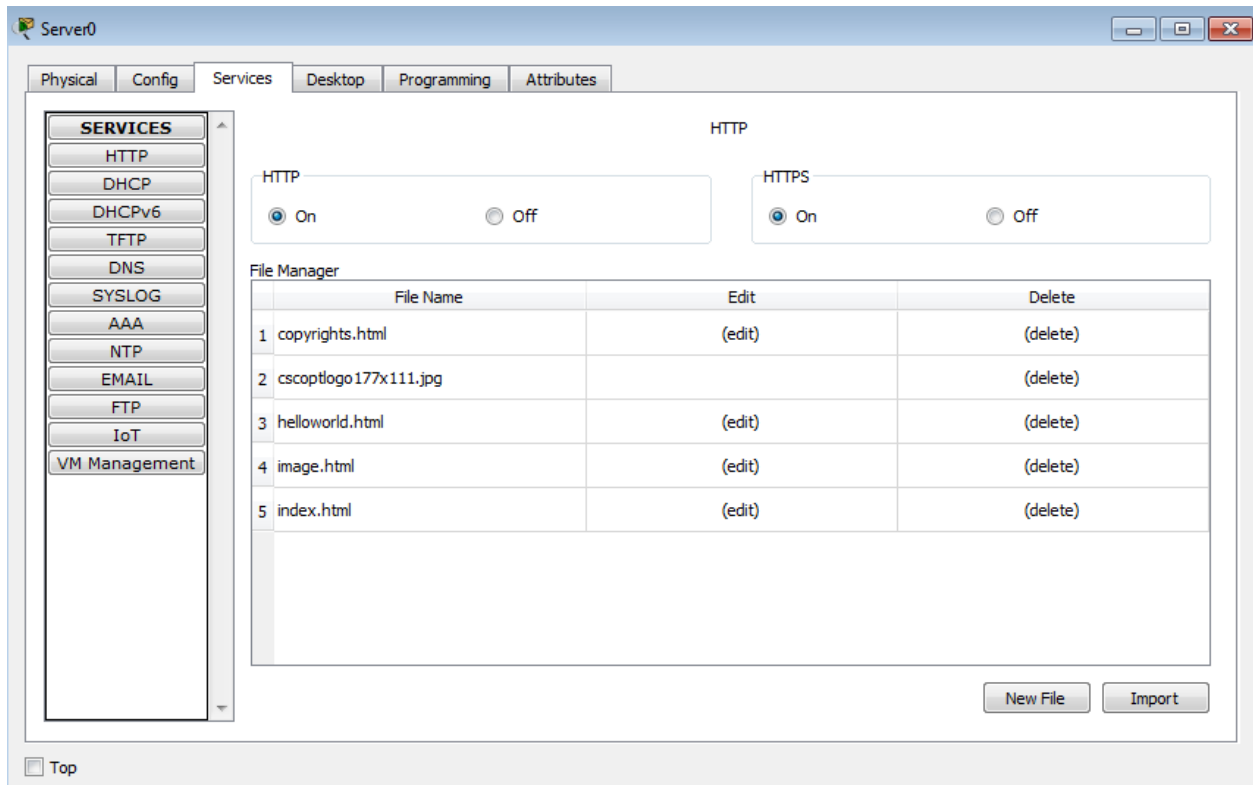
☐ Top



## Praktikum 2



Pilih HTTP, pastikan radio button On. Kemudian kita bisa mengubah script HTML dengan keinginan seperti dibawah ini.





Setelah mengubah tulisan, klik pada PC 0 kemudian pilih desktop→pilih web browser. Pada URL ketik IP address 192.168.123.1 kemudian→go. Maka akan muncul hasil seperti di bawah ini.

