

NAMA : Dwi Alvian V.A
NIM : L200180052
KELAS : B

MODUL 5

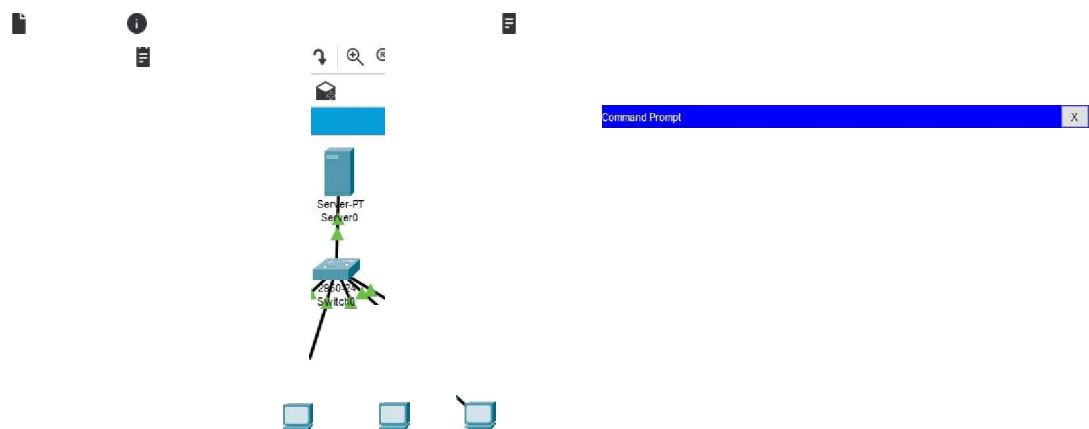
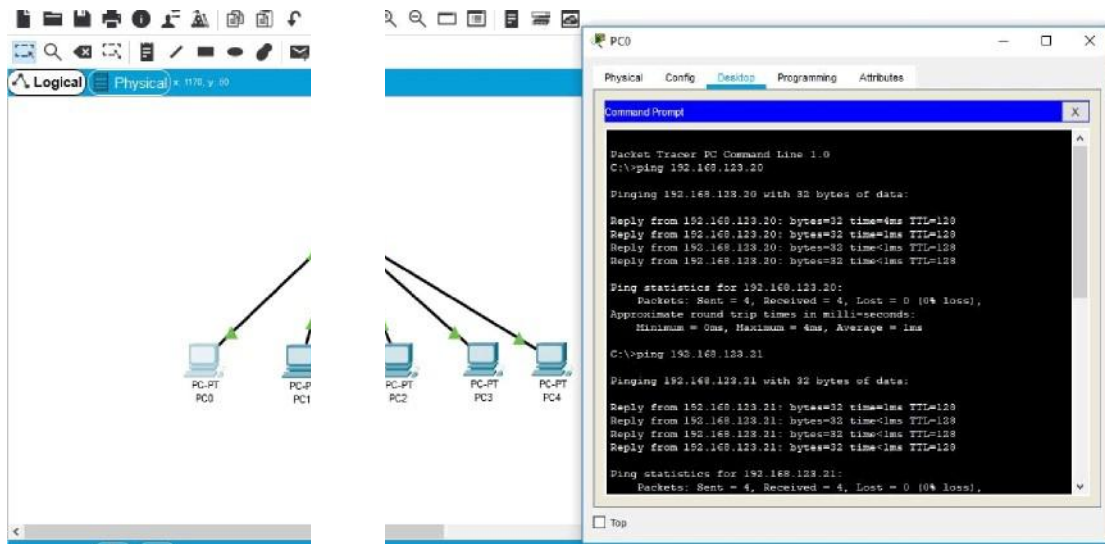
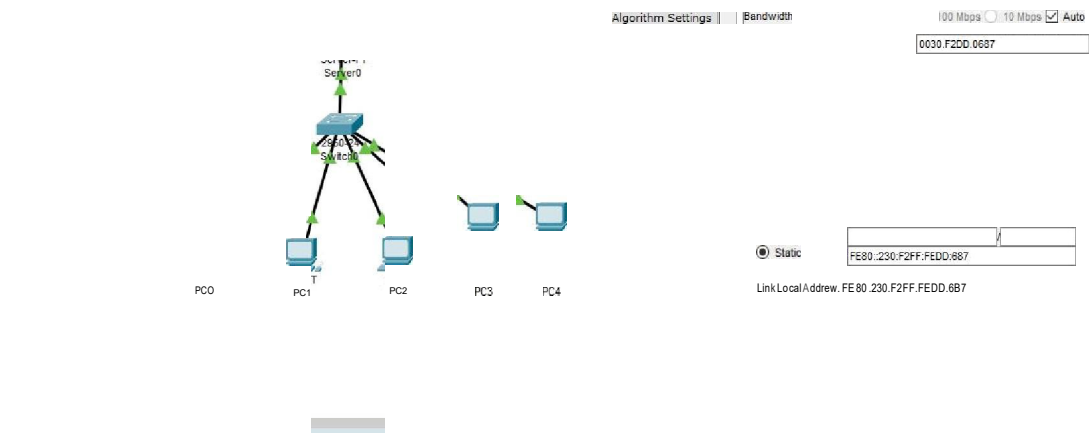
PRAKTIKUM 1 MEMBUAT DHCP SERVER

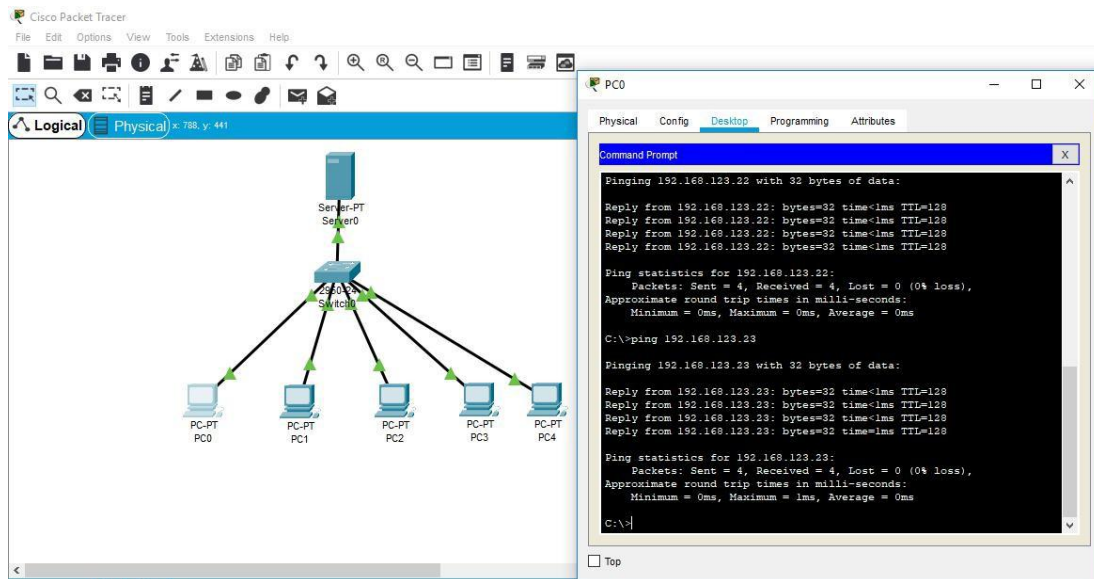
The top screenshot shows a network diagram in Cisco Packet Tracer. A central 2500 Series Switch is connected to five PC-PT devices (PC0 to PC4). A Server-PT (Server0) is connected to the switch. The right pane shows the configuration for Server0, specifically the FastEthernet0 interface. The configuration is as follows:

Section	Parameter	Value
GLOBAL	Settings	
	Algorithm Settings	
	INTERFACE	
FastEthernet0	Port Status	<input checked="" type="checkbox"/> On
	Bandwidth	<input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex	<input checked="" type="checkbox"/> Auto
	MAC Address	0005.5EB2.8B9B
IP Configuration	<input type="radio"/> DHCP	
	<input checked="" type="radio"/> Static	
	IP Address	192.168.123.1
Subnet Mask		255.255.255.0
IPv6 Configuration	<input type="radio"/> DHCP	
	<input type="radio"/> Auto Config	
	<input checked="" type="radio"/> Static	
IPv6 Address		
	Link Local Address	FE80::205:5EFF:FE82:8B9B

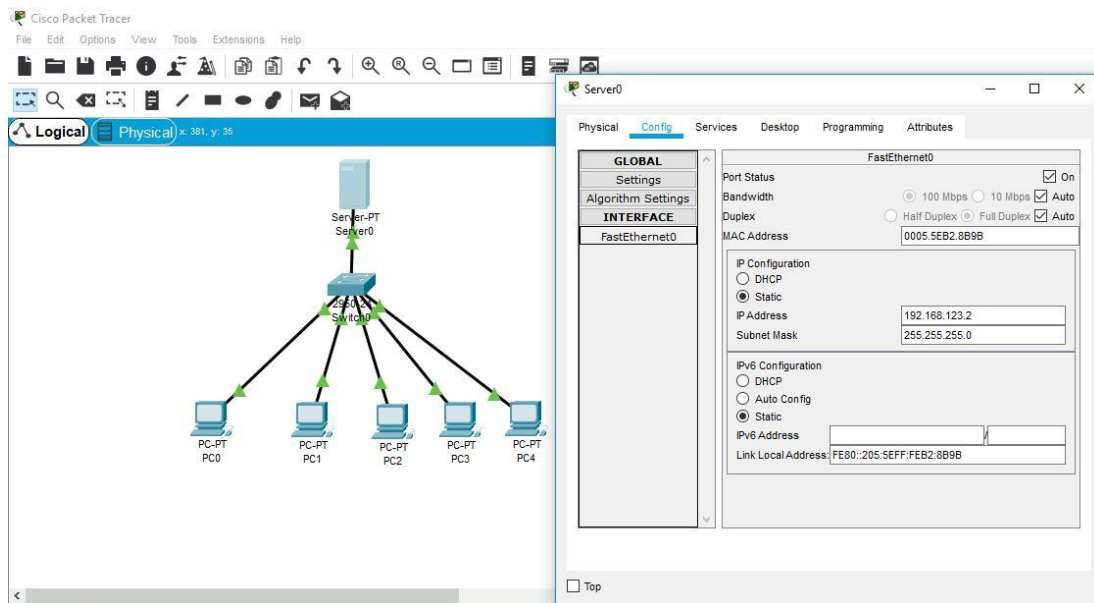
The bottom screenshot shows the same network diagram as the top one. The right pane shows the configuration for Server0, specifically the Services tab. The configuration is as follows:

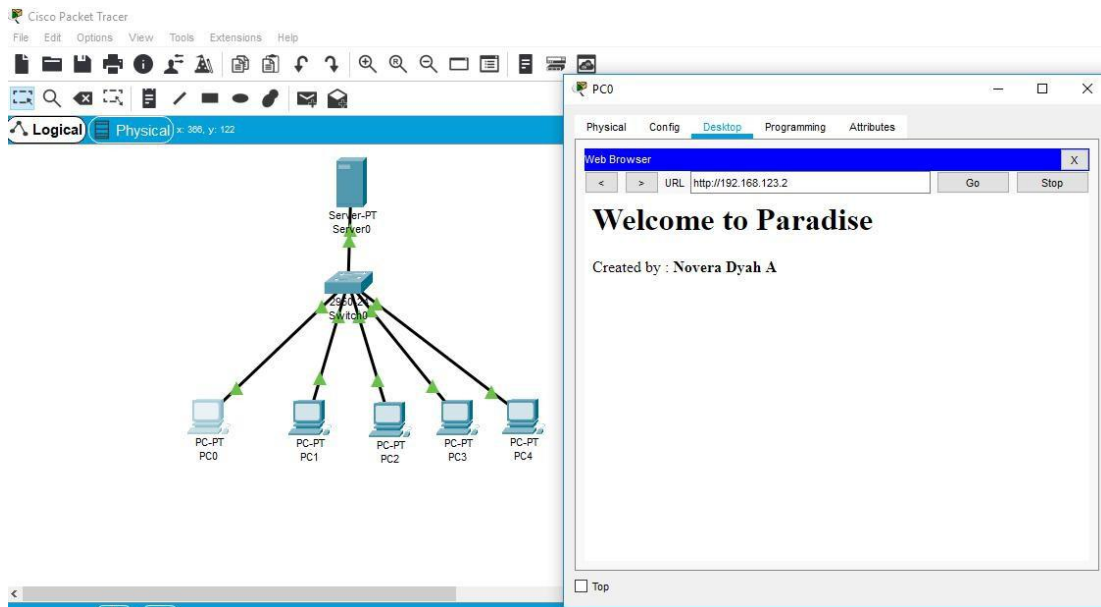
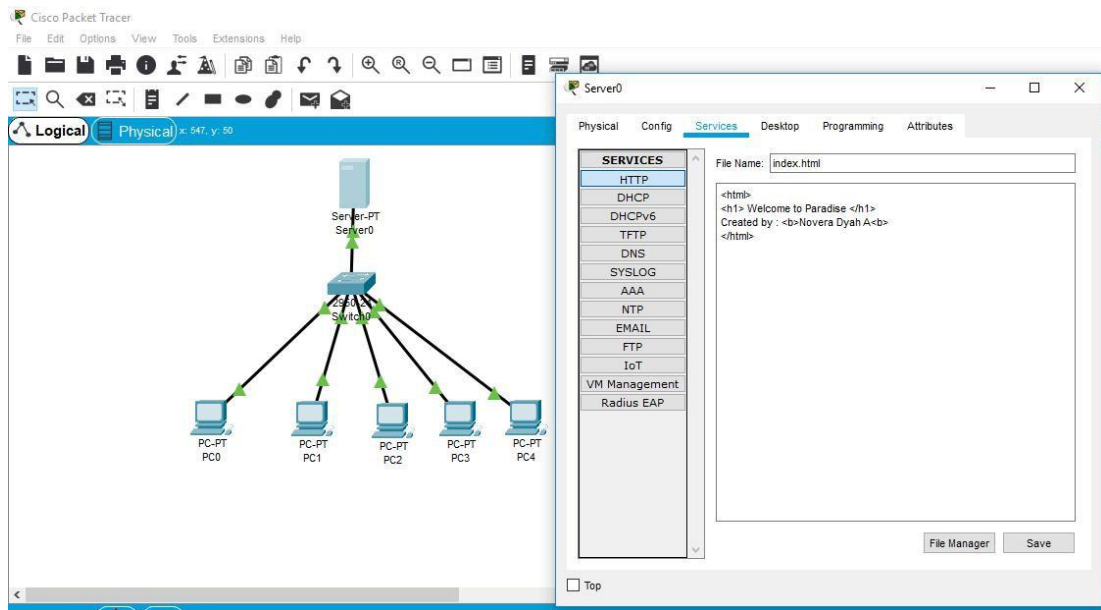
Section	Parameter	Value
SERVICES	HTTP	
	DHCP	
	DHCPv6	
	TFTP	
	DNS	
	SYSLOG	
	AAA	
	NTP	
	EMAIL	
	FTP	
	IoT	
	VM Management	
Radius EAP		
DHCP	Interface	FastEthernet0
	Service	<input checked="" type="radio"/> On <input type="radio"/> Off
	Pool Name	serverPool
	Default Gateway	0.0.0.0
	DNS Server	0.0.0.0
	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 0.0.0.0 192.168.123.19 255.255.255.0 5 0.0.0.0 0.0.0.0		





PRAKTIKUM 2 MEMBUAT WEB SERVER





TUGAS

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x 361 y 19

PC5

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

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::2D0:BAFF:FE33:75B8

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x 590 y 436

PC5

Physical Config Desktop Programming Attributes

Command Prompt

```
C:\>ping 192.168.123.23

Pinging 192.168.123.23 with 32 bytes of data:

Reply from 192.168.123.23: bytes=32 time<1ms TTL=128
Reply from 192.168.123.23: bytes=32 time<1ms TTL=128
Reply from 192.168.123.23: bytes=32 time<1ms TTL=128
Reply from 192.168.123.23: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.123.23:
    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),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 31ms, Average = 5ms
```

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Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x 718 y 390

PC5

Physical Config Services Desktop Programming Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

File Name: index.html

```
<html>
<h1> Welcome to Paradise </h1>
<b> Name : Novera Dyah Ayuningtyas </b>
<br><b> NIM : L200180026 </b>
<br><b> Alamat : Batang </b>
<br><b> Jurusan : Informatika </b>
<br><b> Jenis : Regular </b>
<br><b> Jenis Kelamin : Perempuan </b>
</html>
```

File Manager Save

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