

MODUL 5

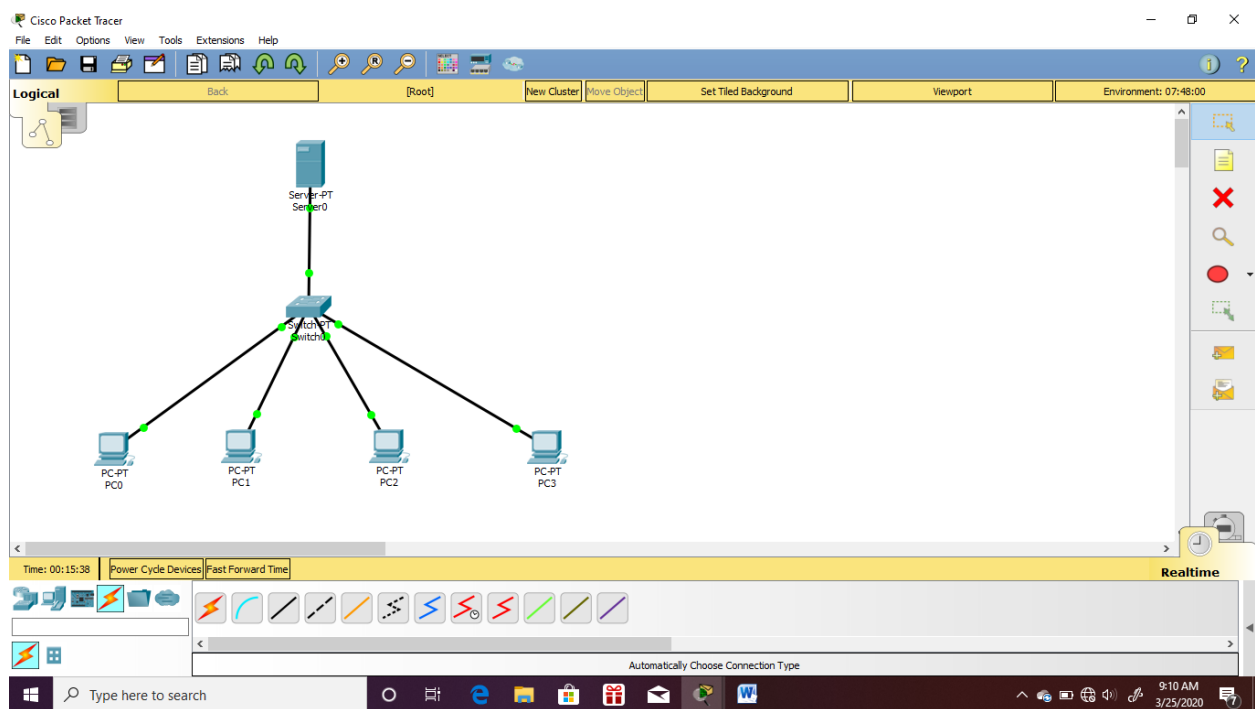
NIM : L200180132

Nama : Rohana Murniati Furshotun

Kelas : D / Praktikum Jaringan Komputer

Asisten : Ayasha, Reza

Praktikum 1 Membuat DHCP Server



a.

The screenshot shows the Cisco Packet Tracer interface. On the left, a network topology is visible: a central Switch-PT is connected to three PC-PT devices (PC0, PC1, PC2) and a Server-PT (Server0). The right pane displays the configuration for Server0, specifically the FastEthernet0 interface. The configuration is as follows:

Section	Configuration
GLOBAL	Settings
Algorithm Settings	
INTERFACE	FastEthernet0
Port Status	On
Bandwidth	100 Mbps
Duplex	Auto
MAC Address	0001.4280.697D
IP Configuration	Static
IP Address	192.168.123.1
Subnet Mask	255.255.255.0
IPv6 Configuration	Static
IPv6 Address	
Link Local Address	FE80::201:42FF:FE80:697D

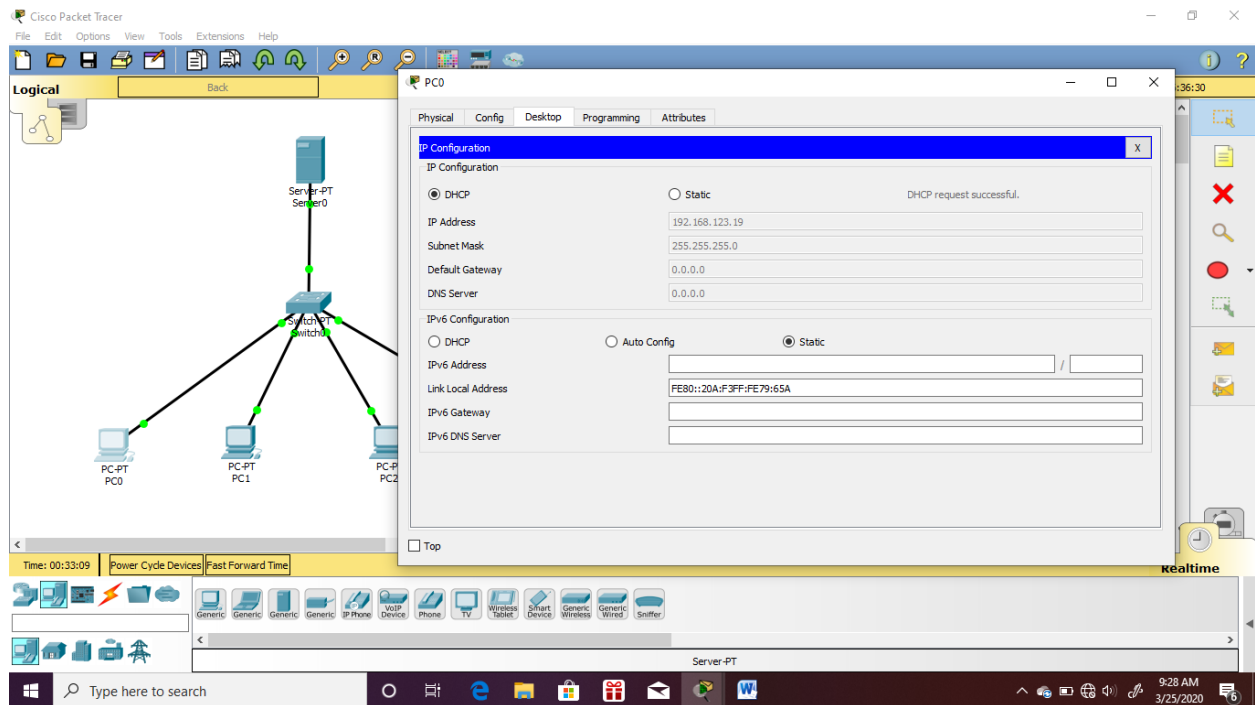
b.

The screenshot shows the same Cisco Packet Tracer interface as in part (a). The right pane now displays the configuration for the DHCP service on Server0. The configuration is as follows:

Section	Configuration
SERVICES	DHCP
Interface	FastEthernet0
Service	On
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

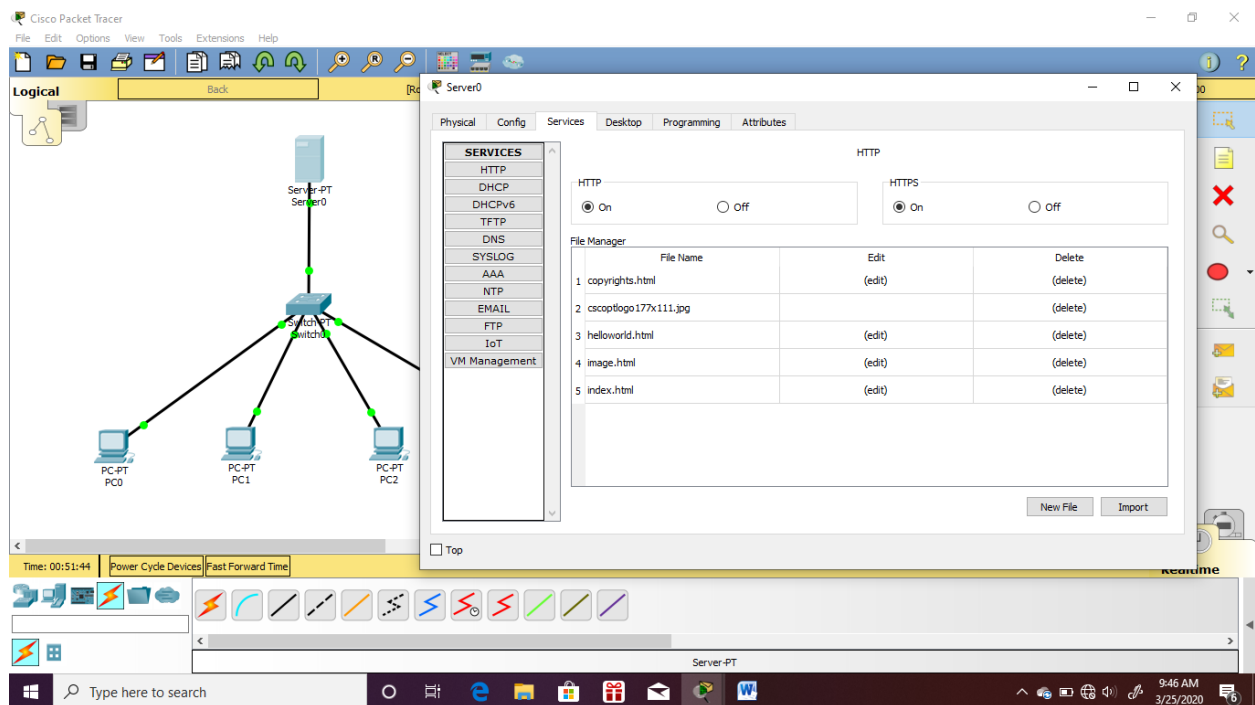
Below the configuration fields, there is a table showing the DHCP pool configuration:

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	192.168.123.19	255.255.255.0	5	0.0.0.0	0.0.0.0

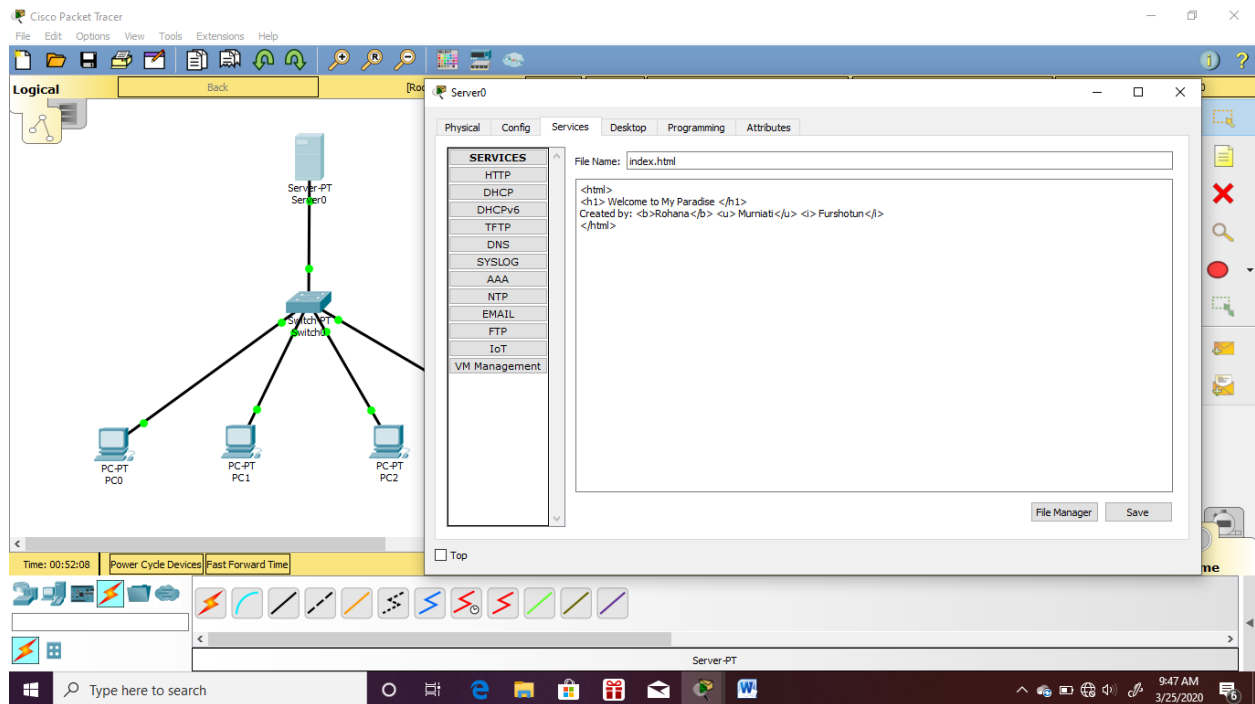


Praktikum 2 Membuat Web Server

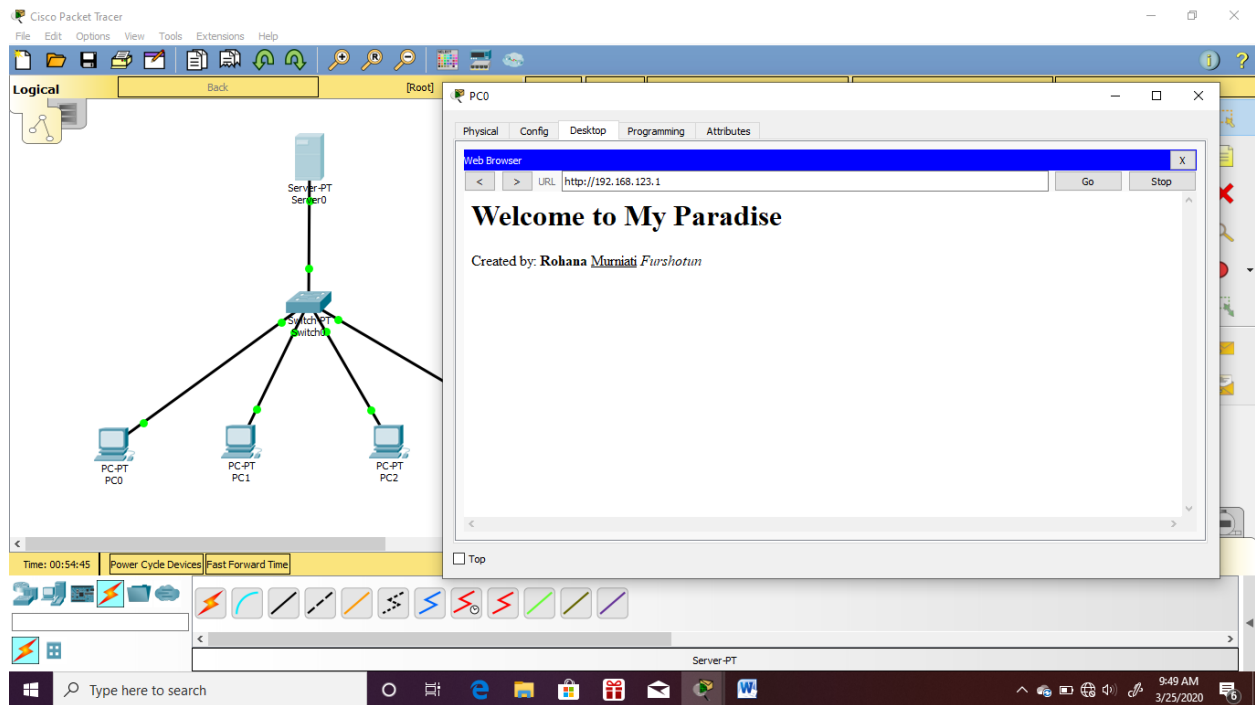
Memastikan radio button service HTTP 'On'



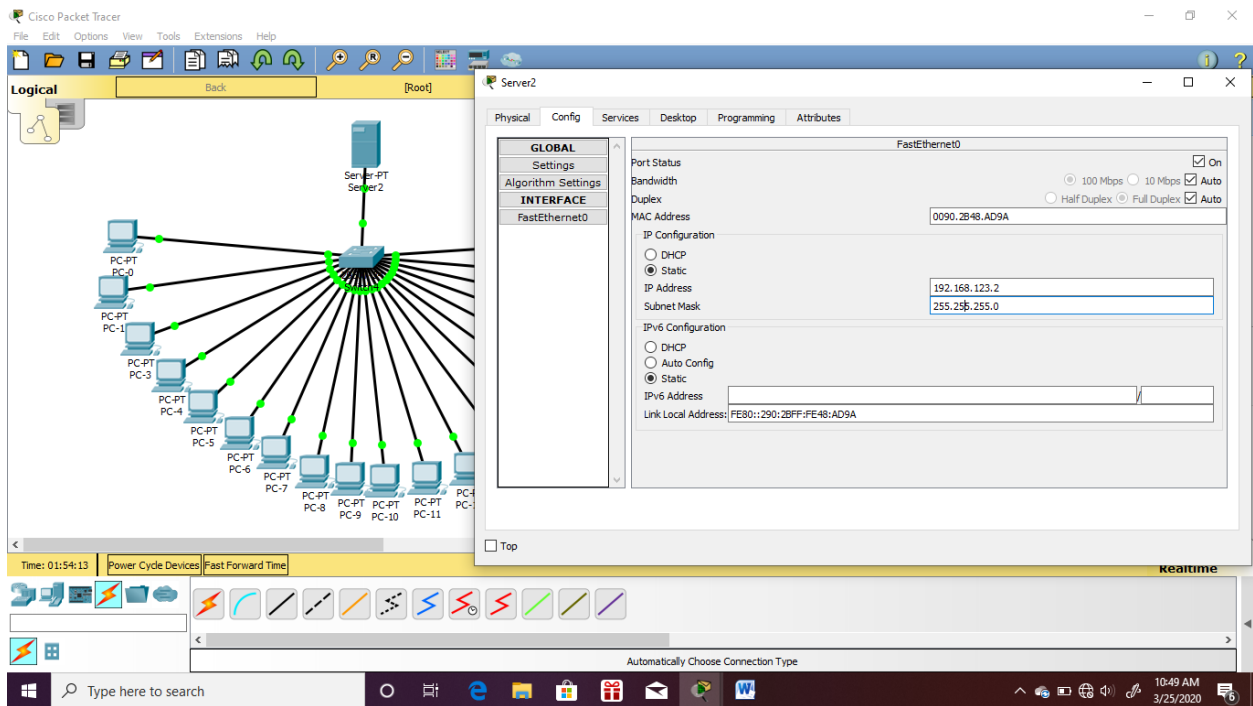
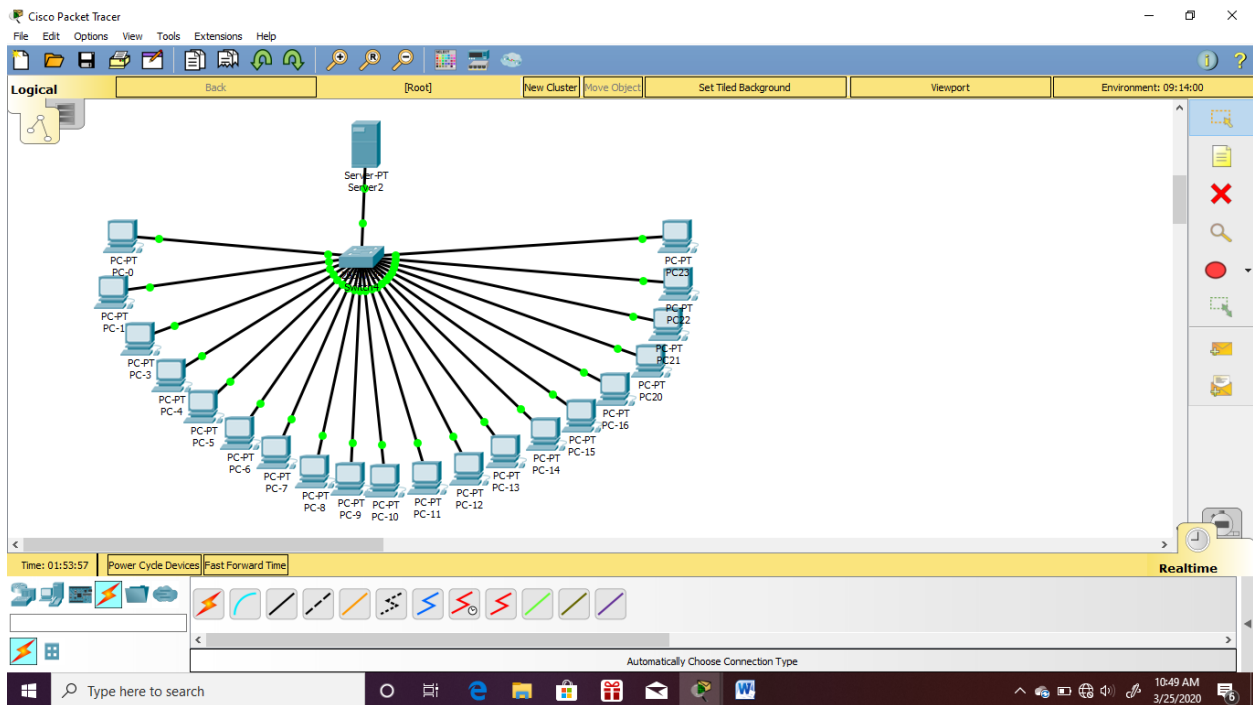
Mengubah script index.html



Menampilkan index.html pada Server 0 tadi di PC 0



TUGAS



Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical [Back] [Root]

Server-PT Server2

PC-PT PC-0 PC-PT PC-1 PC-PT PC-3 PC-PT PC-4 PC-PT PC-5 PC-PT PC-6 PC-PT PC-7 PC-PT PC-8 PC-PT PC-9 PC-PT PC-10 PC-PT PC-11

Time: 01:56:22 Power Cycle Devices Fast Forward Time

Server2

Physical Config Services Desktop Programming Attributes

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management

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 32

Subnet Mask: 255 255 255 0

Maximum Number of Users: 5

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

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	192.168.123.32	255.255.255.0	5	0.0.0.0	0.0.0.0

Top

Automatically Choose Connection Type

10:51 AM 3/25/2020

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical [Back] [Root]

Server-PT Server2

PC-PT PC-0 PC-PT PC-1 PC-PT PC-3 PC-PT PC-4 PC-PT PC-5 PC-PT PC-6 PC-PT PC-7 PC-PT PC-8 PC-PT PC-9 PC-PT PC-10 PC-PT PC-11

Time: 01:57:25 Power Cycle Devices Fast Forward Time

PC-0

Physical Config Desktop Programming Attributes

IP Configuration

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IP Address: 192.168.123.32

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::20B:BEFF:FE91:C4D9

IPv6 Gateway:

IPv6 DNS Server:

Top

Automatically Choose Connection Type

10:52 AM 3/25/2020

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical [Back] [Root]

Server2

Physical Config Services Desktop Programming Attributes

SERVICES

File Name: index.html

```
<html>
<h1>Created by</h1>
<pre>
Nama      : Rohana Murniati Furshotun <br/>
NIM       : L200180132<br/>
Alamat    : Klegan 4/4, Bowan, Delanggu, Klaten<br/>
Jurusan   : Informatika<br/>
Jenis     : Regular<br/>
Jenis Kelamin : Perempuan<br/>
</pre>
</html>
```

File Manager Save

Time: 02:10:51 Power Cycle Devices Fast Forward Time

Automatically Choose Connection Type

Type here to search

11:06 AM 3/25/2020

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical [Back] [Root]

PC-0

Physical Config Desktop Programming Attributes

Web Browser

URL: http://192.168.123.132 Go Stop

Created by

Nama : Rohana Murniati Furshotun

NIM : L200180132

Alamat : Klegan 4/4, Bowan, Delanggu, Klaten

Jurusan : Informatika

Jenis : Regular

Jenis Kelamin : Perempuan

Time: 02:11:21 Power Cycle Devices Fast Forward Time

Automatically Choose Connection Type

Type here to search

11:07 AM 3/25/2020