

**PRAKTIKUM
JARINGAN KOMPUTER
(Computer Networking)**

**LAPORAN TUGAS
MODUL 5**

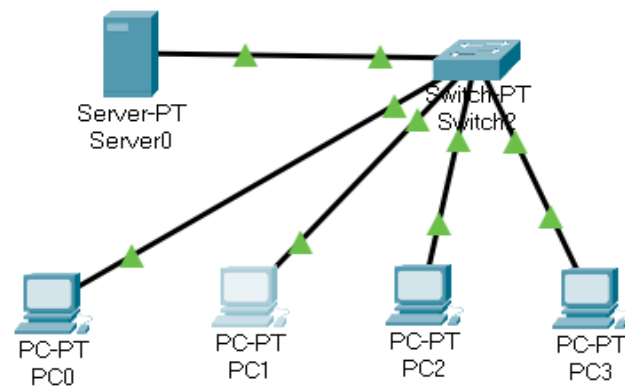


**Nama : Shafa Bani Saputra
NIM : L200190151
Kelas : D**

**PROGRAM STUDI INFORMATIKA
FAKULTAS KOMUNIKASI DAN INFORMATIKA
UNIVERSITAS MUHAMMADIYAH
SURAKARTA**

Kegiatan 1

Topologi



Konfigurasi DHCP Server

Server0

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

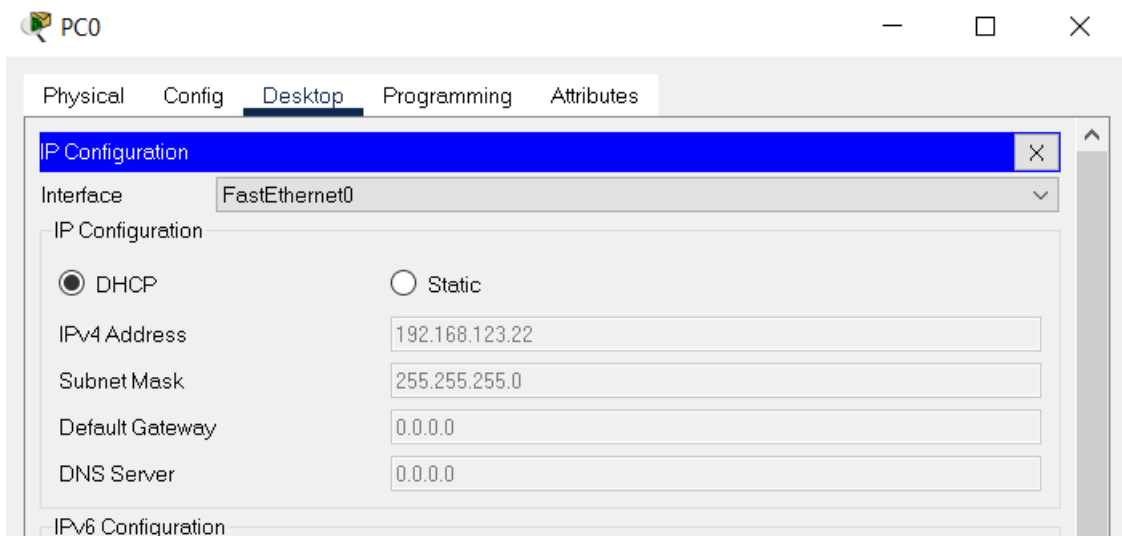
TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

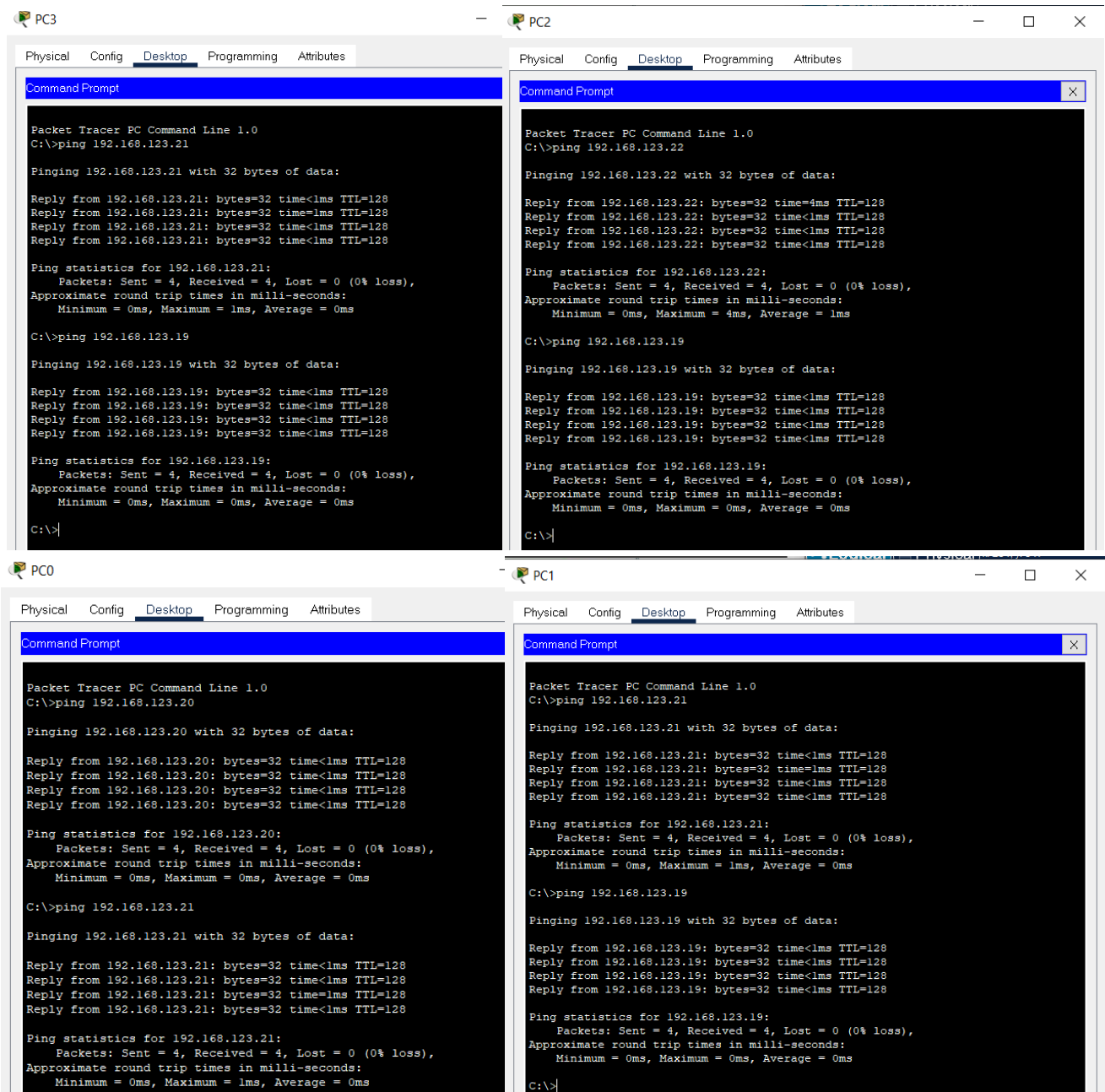
Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max Use	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168.1	255.255.1	5	0.0.0.0	0.0.0.0

Konfigurasi DHCP PC

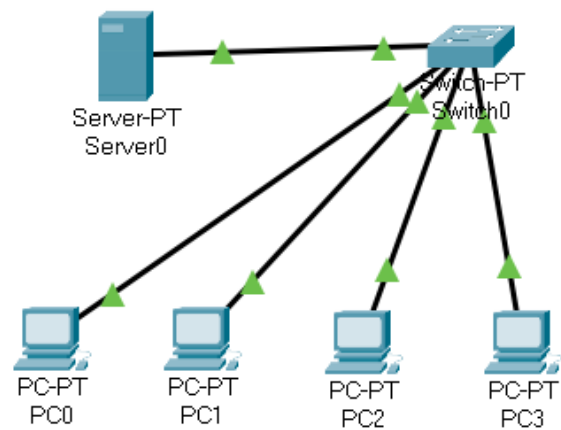


PING Semua PC



Kegiatan 2

Topologi



Konfigurasi HTTP Server

Server0

Physical Config **Services** Desktop Programming Attributes

SERVICES

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

HTTP

HTTP ☒ On ☐ Off

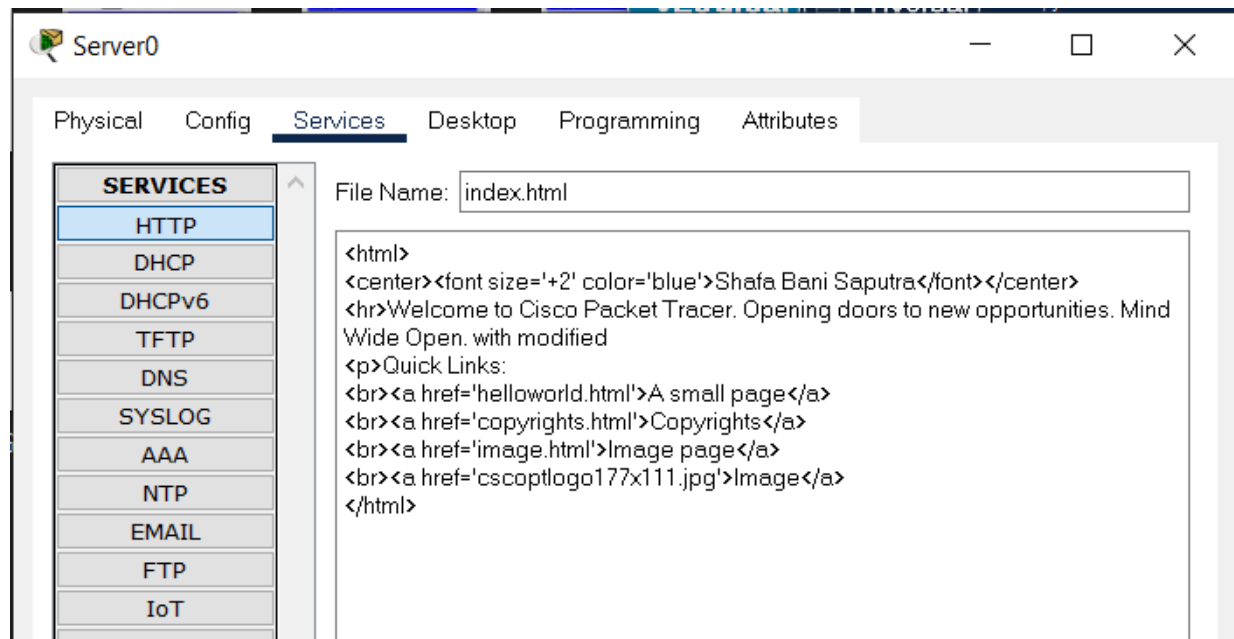
HTTPS ☒ On ☐ Off

File Manager

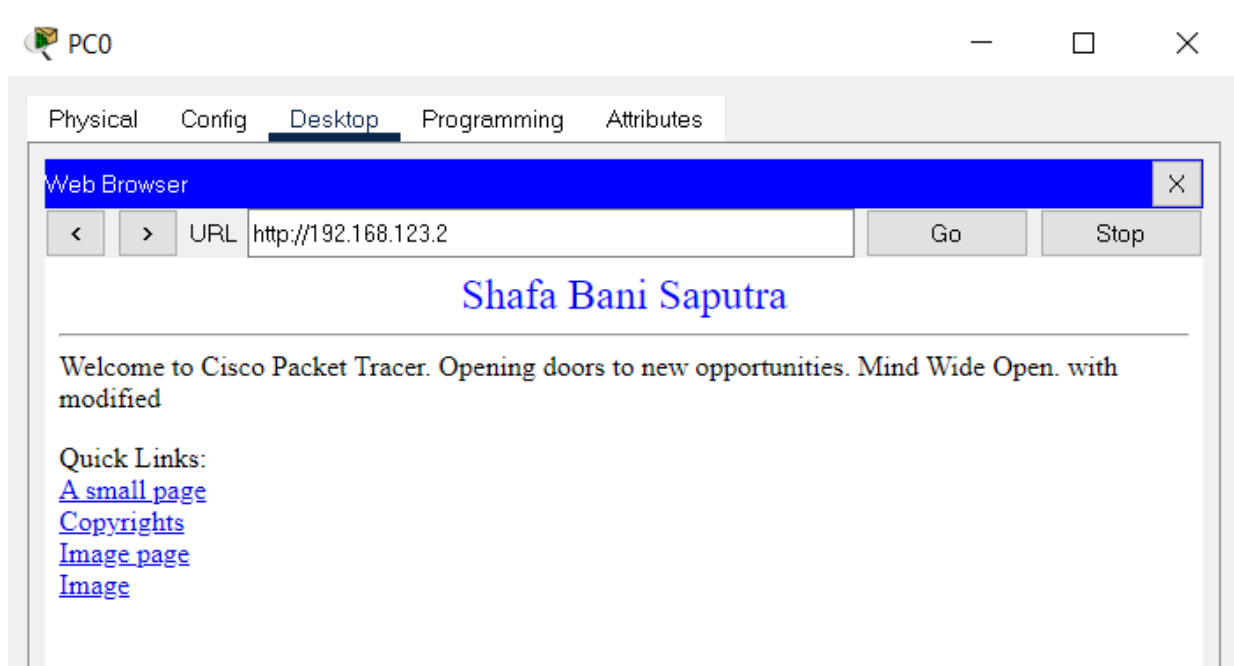
	File Name	Edit	Delete
1	copyrights.html	(edit)	(delete)
2	cscoptlogo177x111.jpg		(delete)
3	helloworld.html	(edit)	(delete)
4	image.html	(edit)	(delete)
5	index.html	(edit)	(delete)

New File Import

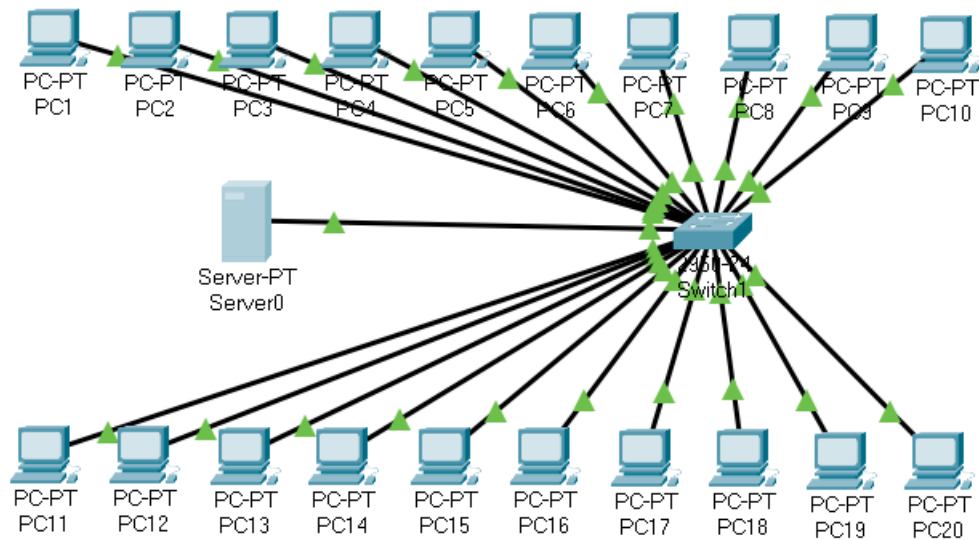
Edit File index.html



Browsing HTTP pada PC



Tugas 1



Konfigurasi DHCP Server

Server0

Physical Config **Services** Desktop Programming Attributes

SERVICES

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- 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: 192 168 128 26

Subnet Mask: 255 255 255 0

Maximum Number of Users: 50

TFTP Server: 0.0.0.0

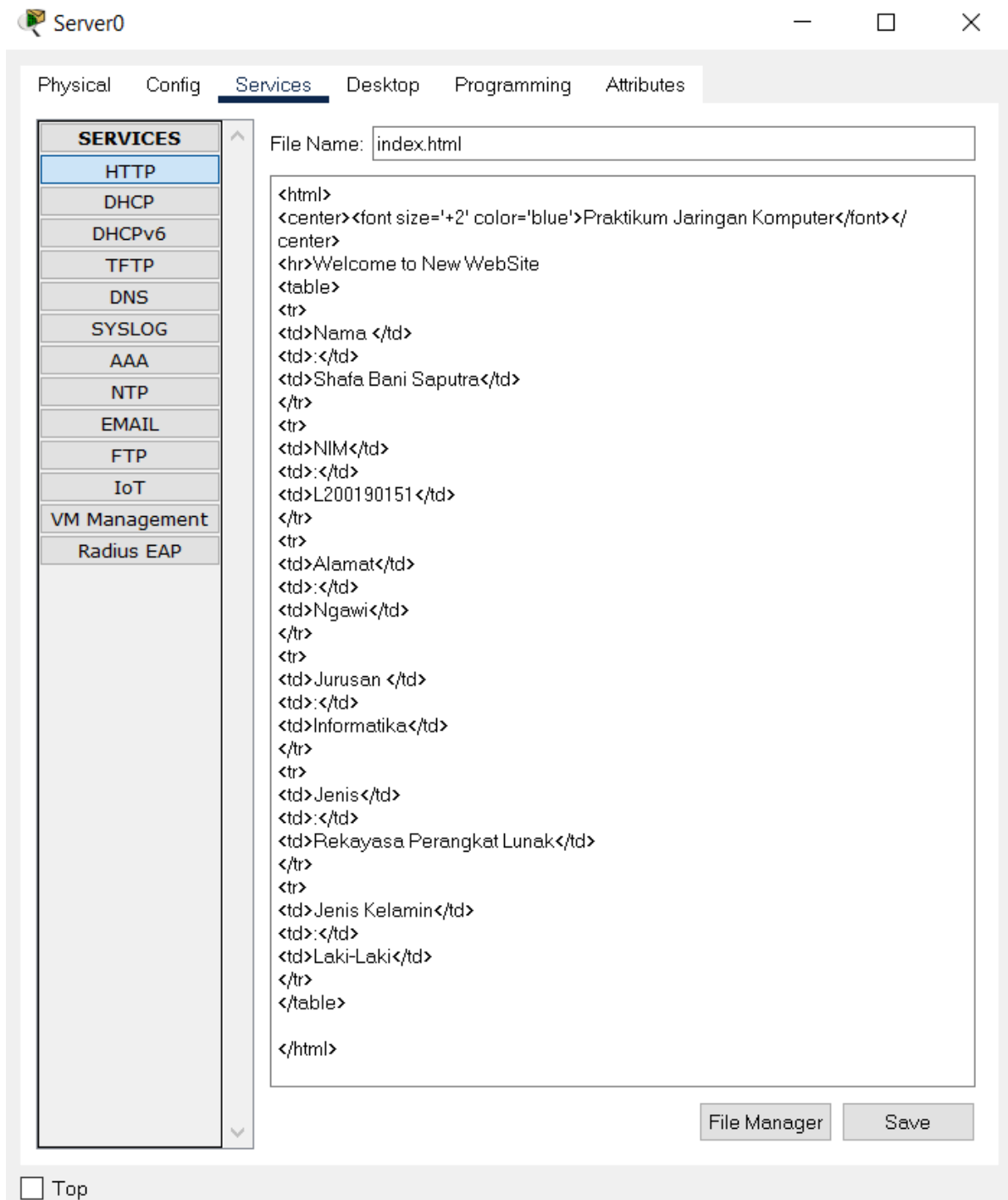
WLC Address: 0.0.0.0

Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max Users	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192.168.1	255.255.1	50	0.0.0.0	0.0.0.0

Konfigurasi pada PC dilakukan seperti pada kegiatan 1, dimana setiap PC akan mendapatkan alamat IP secara random dengan Batasan yang sudah disetting pada server, dalam hal ini server disetting untuk menyebar atau memberikan alamat IP kepada setiap PC yang tersambung dengan Start awal pada 192.168.128.26 samapai dengan batas User yang ditentukan yaitu 50 maka batas akhir dari IP yang akan diberikan adalah 192.168.128.75.

Setting HTTP Server



The screenshot shows the 'Server0' configuration window with the 'Services' tab selected. The 'HTTP' service is highlighted in the left sidebar. The main area displays the 'File Name' as 'index.html' and the content of the file, which is an HTML document. The HTML content includes a title 'Praktikum Jaringan Komputer' and a table with student information.

Physical Config **Services** Desktop Programming Attributes

SERVICES

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File Name: index.html

```
<html>
<center><font size='+2' color='blue'>Praktikum Jaringan Komputer</font></
center>
<hr>Welcome to New WebSite
<table>
<tr>
<td>Nama </td>
<td>:</td>
<td>Shafa Bani Saputra</td>
</tr>
<tr>
<td>NIM</td>
<td>:</td>
<td>L200190151</td>
</tr>
<tr>
<td>Alamat</td>
<td>:</td>
<td>Ngawi</td>
</tr>
<tr>
<td>Jurusan </td>
<td>:</td>
<td>Informatika</td>
</tr>
<tr>
<td>Jenis</td>
<td>:</td>
<td>Rekayasa Perangkat Lunak</td>
</tr>
<tr>
<td>Jenis Kelamin</td>
<td>:</td>
<td>Laki-Laki</td>
</tr>
</table>
</html>
```

File Manager Save

☐ Top

Browsing HTTP dari PC

