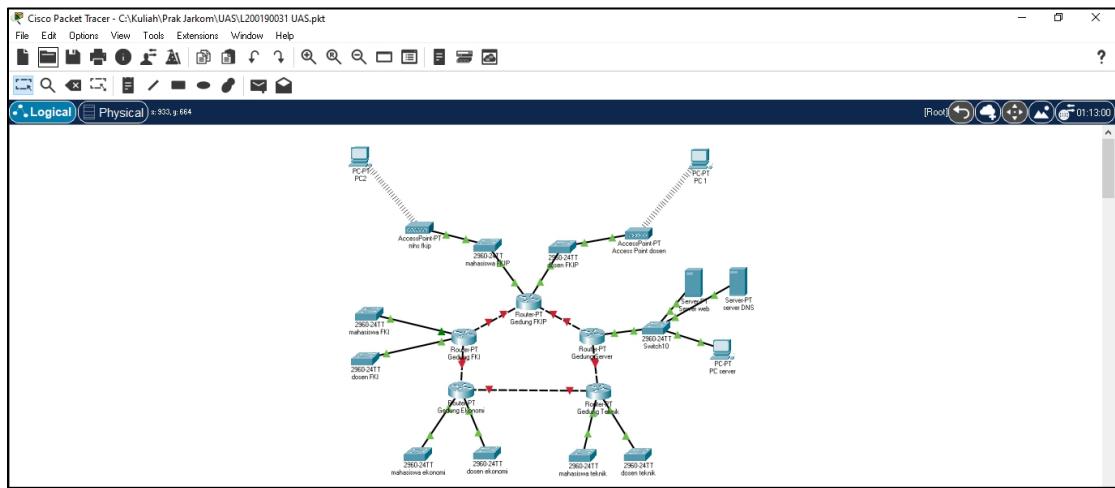


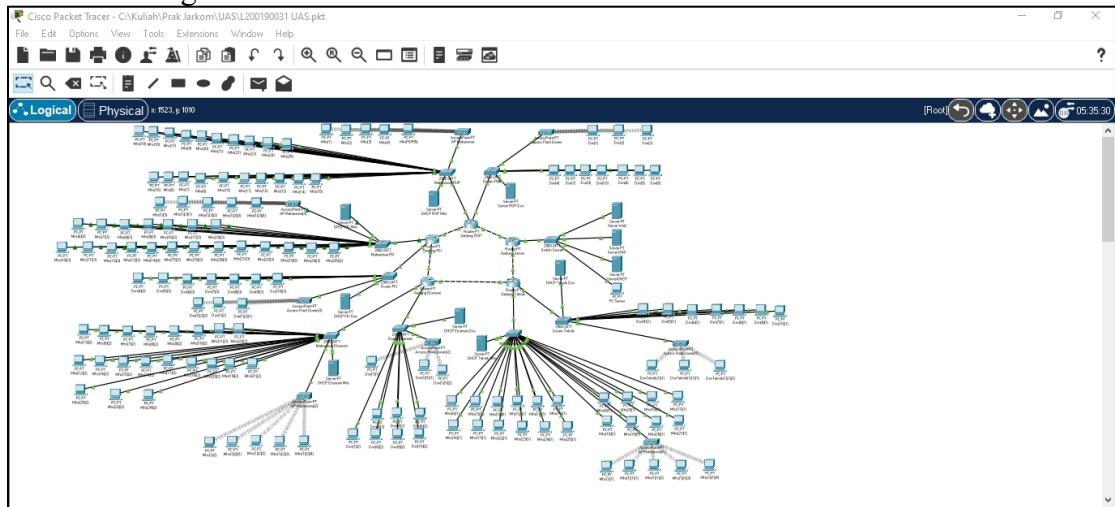
Nama	:	Daffa Putra Alwansyah
NIM	:	L200190031
Kelas	:	A
Mata Kuliah	:	Praktikum Jaringan Komputer
Pengampu	:	Fatah Yasin Al Irsyadi
Ruang, No.Kursi	:	HOME,38



Buatlah rancangan jaringan seperti dambar diatas kemudian kembangkanlah sesuai dengan spesifikasi dibawah ini.

1. Universitas XYZ yang terdiri dari 5 gedung kemudian konfigurasikan IP nya agar bisa memenuhi client dibawah ini.tampilkan konfigurasikan DHCP servernya.

- A. Gedung ekonomi (100 mhs) (10 dosen)
- B. Gedung teknik (50 mhs) (10 dosen)
- C. Gedung FKI (120 mhs) (10 dosen)
- D. Gedung FKIP (200 mahasiswa)(10 dosen)
- E. Gedung server



## Konfigurasi Router Gedung Gedung FKIP

Gedung FKIP

Physical Config **CLI** Attributes

IOS Command Line Interface

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet2/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet3/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Gedung_FKIP>enable
Gedung_FKIP#
Gedung_FKIP#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Gedung_FKIP(config)#interface FastEthernet0/0
Gedung_FKIP(config-if)#ip address 10.10.10.1 255.255.255.252
Gedung_FKIP(config-if)#ip address 10.10.10.1 255.255.255.252
Gedung_FKIP(config-if)#
Gedung_FKIP(config-if)#exit
Gedung_FKIP(config)#interface FastEthernet1/0
Gedung_FKIP(config-if)#ip address 10.10.50.2 255.255.255.252
Gedung_FKIP(config-if)#ip address 10.10.50.2 255.255.255.252
Gedung_FKIP(config-if)#
Gedung_FKIP(config-if)#exit
Gedung_FKIP(config)#interface FastEthernet2/0
Gedung_FKIP(config-if)#ip address 192.168.10.1 255.255.255.0
Gedung_FKIP(config-if)#ip address 192.168.10.1 255.255.255.0
Gedung_FKIP(config-if)#
Gedung_FKIP(config-if)#exit
Gedung_FKIP(config)#interface FastEthernet3/0
Gedung_FKIP(config-if)#ip address 192.168.11.1 255.255.255.240
Gedung_FKIP(config-if)#ip address 192.168.11.1 255.255.255.240
Gedung_FKIP(config-if)#
Gedung_FKIP(config-if)#exit
```

Ctrl+F6 to exit CLI focus      **Copy**      **Paste**

Gedung Server

Physical Config **CLI** Attributes

IOS Command Line Interface

```
Bridging software.
X.25 software, Version 3.0.0.
6 FastEthernet/IEEE 802.3 interface(s)
32K bytes of non-volatile configuration memory.
63488K bytes of ATA CompactFlash (Read/Write)

Press RETURN to get started!

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet2/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up

Gedung_Server>enable
Gedung_Server#
Gedung_Server#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Gedung_Server(config)#interface FastEthernet0/0
Gedung_Server(config-if)#ip address 10.10.10.2 255.255.255.252
Gedung_Server(config-if)#ip address 10.10.10.2 255.255.255.252
Gedung_Server(config-if)#
Gedung_Server(config-if)#exit
Gedung_Server(config)#interface FastEthernet1/0
Gedung_Server(config-if)#ip address 10.10.20.1 255.255.255.252
Gedung_Server(config-if)#ip address 10.10.20.1 255.255.255.252
Gedung_Server(config-if)#
Gedung_Server(config-if)#exit
Gedung_Server(config)#interface FastEthernet2/0
Gedung_Server(config-if)#ip address 192.168.20.1 255.255.255.248
Gedung_Server(config-if)#ip address 192.168.20.1 255.255.255.248
Gedung_Server(config-if)#
Gedung_Server(config-if)#exit
```

Ctrl+F6 to exit CLI focus      **Copy**      **Paste**

Gedung Teknik

Physical Config **CLI** Attributes

IOS Command Line Interface

```
*LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet3/0, changed state to up
*LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet2/0, changed state to up

Gedung_Teknik>enable
Gedung_Teknik#
Gedung_Teknik#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Gedung_Teknik(config)#interface FastEthernet0/0
Gedung_Teknik(config-if)#ip address 10.10.20.2 255.255.255.252
Gedung_Teknik(config-if)#ip address 10.10.20.2 255.255.255.252
Gedung_Teknik(config-if)#ip address 10.10.20.2 255.255.255.252
Gedung_Teknik(config-if)#
Gedung_Teknik(config-if)#exit
Gedung_Teknik(config)#interface FastEthernet0/0
Gedung_Teknik(config-if)#ip address 10.10.20.2 255.255.255.252
Gedung_Teknik(config-if)#ip address 10.10.20.2 255.255.255.252
Gedung_Teknik(config-if)#
Gedung_Teknik(config-if)#exit
Gedung_Teknik(config)#interface FastEthernet1/0
Gedung_Teknik(config-if)#ip address 10.10.30.1 255.255.255.252
Gedung_Teknik(config-if)#ip address 10.10.30.1 255.255.255.252
Gedung_Teknik(config-if)#
Gedung_Teknik(config-if)#exit
Gedung_Teknik(config)#interface FastEthernet2/0
Gedung_Teknik(config-if)#ip address 192.168.30.1 255.255.255.192
Gedung_Teknik(config-if)#ip address 192.168.30.1 255.255.255.192
Gedung_Teknik(config-if)#
Gedung_Teknik(config-if)#exit
Gedung_Teknik(config)#interface FastEthernet3/0
Gedung_Teknik(config-if)#ip address 192.168.31.1 255.255.255.240
Gedung_Teknik(config-if)#ip address 192.168.31.1 255.255.255.240
Gedung_Teknik(config-if)#
Gedung_Teknik(config-if)#exit
```

Ctrl+F6 to exit CLI focus

Copy Paste

Gedung Ekonomi

Physical Config **CLI** Attributes

IOS Command Line Interface

```
*LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet3/0, changed state to up
*LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up
*LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
*LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet2/0, changed state to up

Gedung_Ekonomi>enable
Gedung_Ekonomi#
Gedung_Ekonomi#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Gedung_Ekonomi(config)#interface FastEthernet0/0
Gedung_Ekonomi(config-if)#ip address 10.10.30.2 255.255.255.252
Gedung_Ekonomi(config-if)#ip address 10.10.30.2 255.255.255.252
Gedung_Ekonomi(config-if)#
Gedung_Ekonomi(config-if)#exit
Gedung_Ekonomi(config)#interface FastEthernet1/0
Gedung_Ekonomi(config-if)#ip address 10.10.40.1 255.255.255.252
Gedung_Ekonomi(config-if)#ip address 10.10.40.1 255.255.255.252
Gedung_Ekonomi(config-if)#
Gedung_Ekonomi(config-if)#exit
Gedung_Ekonomi(config)#interface FastEthernet2/0
Gedung_Ekonomi(config-if)#ip address 192.168.40.1 255.255.255.128
Gedung_Ekonomi(config-if)#ip address 192.168.40.1 255.255.255.128
Gedung_Ekonomi(config-if)#
Gedung_Ekonomi(config-if)#exit
Gedung_Ekonomi(config)#interface FastEthernet3/0
Gedung_Ekonomi(config-if)#ip address 192.168.41.1 255.255.255.240
Gedung_Ekonomi(config-if)#ip address 192.168.41.1 255.255.255.240
Gedung_Ekonomi(config-if)#
Gedung_Ekonomi(config-if)#exit
```

Ctrl+F6 to exit CLI focus

Copy Paste

Gedung\_FKI

Physical Config **CLI** Attributes

IOS Command Line Interface

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet3/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet2/0, changed state to up

Gedung_FKI>enable
Gedung_FKI#
Gedung_FKI#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Gedung_FKI(config)#interface FastEthernet0/0
Gedung_FKI(config-if)#ip address 10.10.40.2 255.255.255.252
Gedung_FKI(config-if)#ip address 10.10.40.2 255.255.255.252
Gedung_FKI(config-if)#
Gedung_FKI(config-if)#exit
Gedung_FKI(config)#interface FastEthernet1/0
Gedung_FKI(config-if)#ip address 10.10.50.1 255.255.255.252
Gedung_FKI(config-if)#ip address 10.10.50.1 255.255.255.252
Gedung_FKI(config-if)#
Gedung_FKI(config-if)#exit
Gedung_FKI(config)#interface FastEthernet2/0
Gedung_FKI(config-if)#ip address 192.168.50.1 255.255.255.128
Gedung_FKI(config-if)#ip address 192.168.50.1 255.255.255.128
Gedung_FKI(config-if)#
Gedung_FKI(config-if)#exit
Gedung_FKI(config)#interface FastEthernet3/0
Gedung_FKI(config-if)#ip address 192.168.51.1 255.255.255.240
Gedung_FKI(config-if)#ip address 192.168.51.1 255.255.255.240
Gedung_FKI(config-if)#
Gedung_FKI(config-if)#exit
```

Ctrl+F6 to exit CLI focus

Copy Paste

## DHCP Server

### Server Gedung Ekonomi

DHCP Ekonomi Dsn

Physical Config **Services** Desktop Programming Attributes

DHCP							
Interface	FastEthernet0	Service	<input checked="" type="radio"/> On	<input type="radio"/> Off			
Pool Name	serverPool						
Default Gateway	192.168.41.1						
DNS Server	192.168.20.3						
Start IP Address:	192	168	41	3			
Subnet Mask:	255	255	255	240			
Maximum Number of Users:	10						
TFTP Server:	0.0.0.0						
WLC Address:	0.0.0.0						
<b>Add</b>		<b>Save</b>		<b>Remove</b>			
Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168.41.1	192.168.20.3	192.168.41.1	255.255.255.240	10	0.0.0.0	0.0.0.0

DHCP Ekonomi Mhs

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	<input checked="" type="radio"/> On	<input type="radio"/> Off
Pool Name	serverPool			
Default Gateway	192.168.40.1			
DNS Server	192.168.20.3			
Start IP Address :	192	168	40	3
Subnet Mask:	255	255	255	128
Maximum Number of Users :	100			
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	192.168.4	192.168.2	192.168.4	255.255.2	100	0.0.0.0	0.0.0.0

### Server Gedung Teknik

DHCP Teknik Dsn

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	<input checked="" type="radio"/> On	<input type="radio"/> Off
Pool Name	serverPool			
Default Gateway	192.168.31.1			
DNS Server	192.168.20.3			
Start IP Address :	192	168	31	3
Subnet Mask:	255	255	255	240
Maximum Number of Users :	10			
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	192.168.3	192.168.2	192.168.3	255.255.2	10	0.0.0.0	0.0.0.0

DHCP Teknik Mhs

Physical Config Services Desktop Programming Attributes

**SERVICES**

- HTTP
- DHCP**
- DHCIPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

**DHCP**

Interface: FastEthernet0 Service:  On  Off

Pool Name: serverPool

Default Gateway: 192.168.30.1

DNS Server: 192.168.20.3

Start IP Address: 192.168.30.30 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 User	TFTP Server	WLC Address
serverPool	192.168.30.1	192.168.20.3	192.168.30.30	255.255.255.0	50	0.0.0.0	0.0.0.0

### Server Gedung FKI

DHCP FKI Dsn

Physical Config Services Desktop Programming Attributes

**SERVICES**

- HTTP
- DHCP**
- DHCIPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

**DHCP**

Interface: FastEthernet0 Service:  On  Off

Pool Name: serverPool

Default Gateway: 192.168.51.2

DNS Server: 192.168.20.3

Start IP Address: 192.168.51.31 Subnet Mask: 255.255.255.240

Maximum Number of Users: 10

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	192.168.51.2	192.168.20.3	192.168.51.31	255.255.255.240	10	0.0.0.0	0.0.0.0

**DHCP FKI Mhs**

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	<input checked="" type="radio"/> On	<input type="radio"/> Off
Pool Name	serverPool			
Default Gateway	192.168.50.1			
DNS Server	192.168.20.3			
Start IP Address :	192	168	50	3
Subnet Mask:	255	255	255	128
Maximum Number of Users :	120			
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	192.168.50.1	192.168.20.3	192.168.50.3	255.255.255.0	120	0.0.0.0	0.0.0.0

### Server Gedung FKIP

**Server FKIP Dsn**

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	<input checked="" type="radio"/> On	<input type="radio"/> Off
Pool Name	serverPool			
Default Gateway	192.168.11.1			
DNS Server	192.168.20.3			
Start IP Address :	192	168	11	3
Subnet Mask:	255	255	255	240
Maximum Number of Users :	10			
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	192.168.11.1	192.168.20.3	192.168.11.3	255.255.252.0	10	0.0.0.0	0.0.0.0

DHCP FKIP Mhs

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	<input checked="" type="radio"/> On	<input type="radio"/> Off
Pool Name	serverPool			
Default Gateway	192.168.10.1			
DNS Server	192.168.20.3			
Start IP Address :	192	168	10	3
Subnet Mask:	255	255	255	0
Maximum Number of Users :	200			
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	192.168.1	192.168.2	192.168.1	255.255.2	200	0.0.0.0	0.0.0.0

### Gedung Server

ServerDHCP

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	<input checked="" type="radio"/> On	<input type="radio"/> Off
Pool Name	serverPool			
Default Gateway	192.168.20.1			
DNS Server	192.168.20.3			
Start IP Address :	192	168	20	5
Subnet Mask:	255	255	255	248
Maximum Number of Users :	3			
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	192.168.2	192.168.2	192.168.2	255.255.2	3	0.0.0.0	0.0.0.0

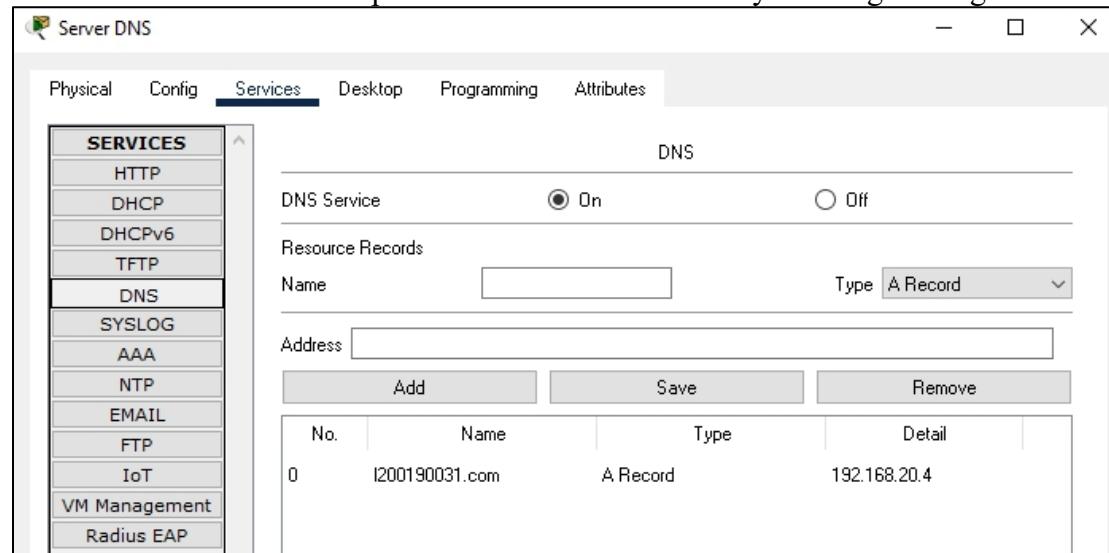
2. rancangalah server Web server DNS server di gedung server.

A. Pada web server menampilkan tampilan tentang biodata setiap mahasiswa yang terdiri dari 15 item.

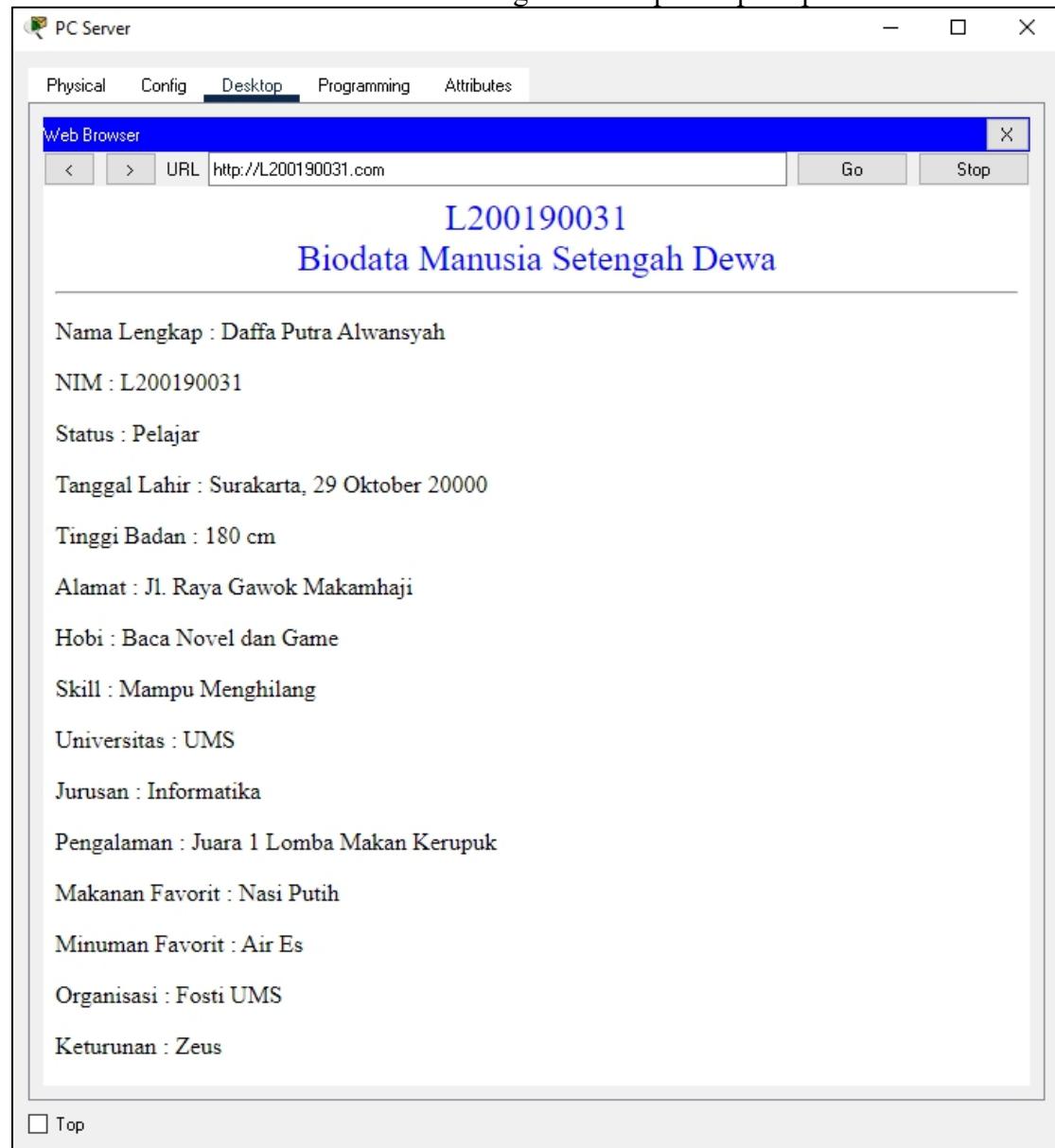
The screenshot shows a software interface titled "Server Web". The top menu bar includes "Physical", "Config", "Services", "Desktop", "Programming", and "Attributes". The "Services" tab is selected. On the left, a sidebar lists various service types under the heading "SERVICES": HTTP, DHCP, DHCPv6, TFTP, DNS, SYSLOG, AAA, NTP, EMAIL, FTP, IoT, VM Management, and Radius EAP. The "Radius EAP" option is highlighted. The main pane displays a file named "index.html" containing the following HTML code:

```
<html>
<center><font size='+2' color='blue'>L200190031</font></center>
<center><font size='+2' color='blue'>Biodata Manusia Setengah Dewa</font></center>
<br>
<p>Nama Lengkap : Daffa Putra Alwansyah</p>
<p>NIM : L200190031</p>
<p>Status : Pelajar</p>
<p>Tanggal Lahir : Surakarta, 29 Oktober 20000</p>
<p>Tinggi Badan : 180 cm</p>
<p>Alamat : Jl. Raya Gawok Makamhaji</p>
<p>Hobi : Baca Novel dan Game</p>
<p>Skill : Mampu Menghilang</p>
<p>Universitas : UMS</p>
<p>Jurusan : Informatika</p>
<p>Pengalaman : Juara 1 Lomba Makan Kerupuk</p>
<p>Makanan Favorit : Nasi Putih</p>
<p>Minuman Favorit : Air Es</p>
<p>Organisasi : Fosti UMS</p>
<p>Keturunan : Zeus</p>
</html>
```

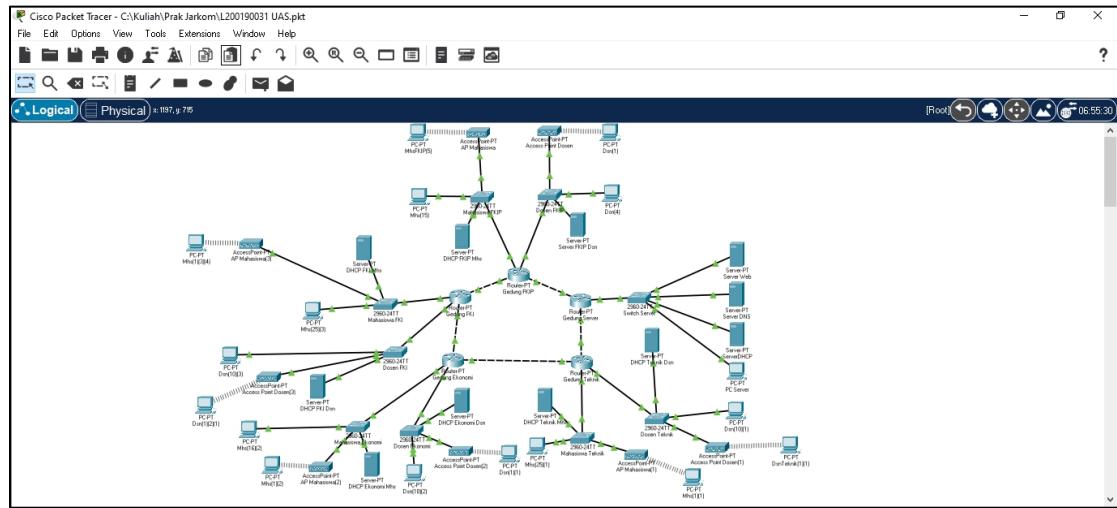
B. Pada DNS server menampilkan alamt web sesuai nimnya masing-masing



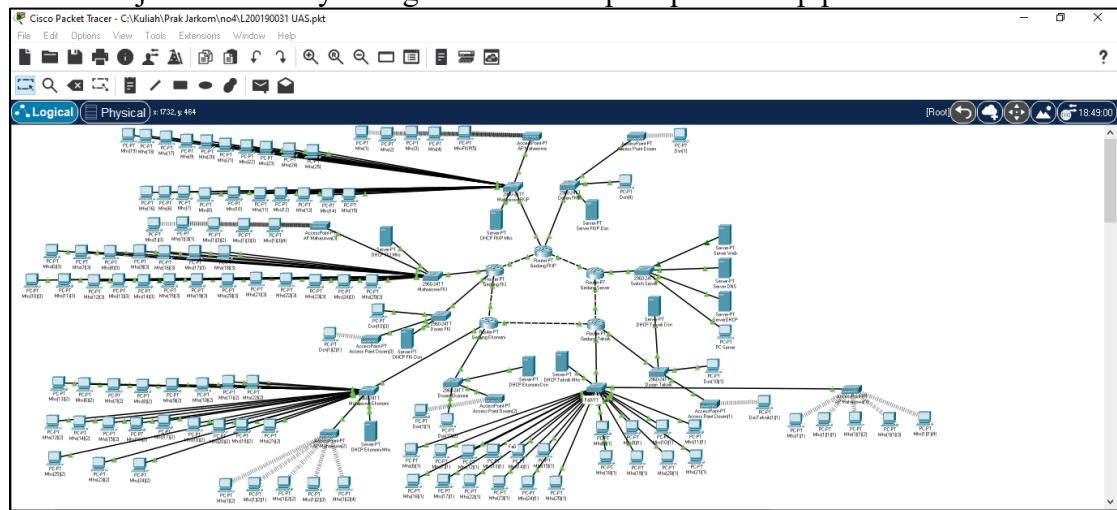
C. Hasil dari server diatas dibuktikan dengan menampilkan pada pc server



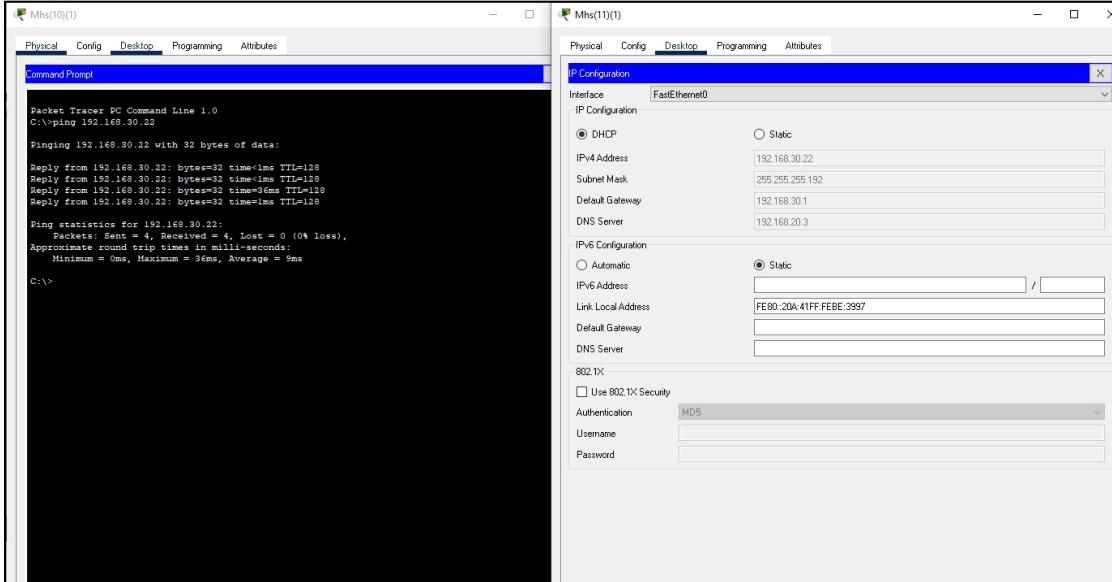
3. Setiap gedung terdapat 1 router, switch, access point dan PC yg sudah Ditentukan.



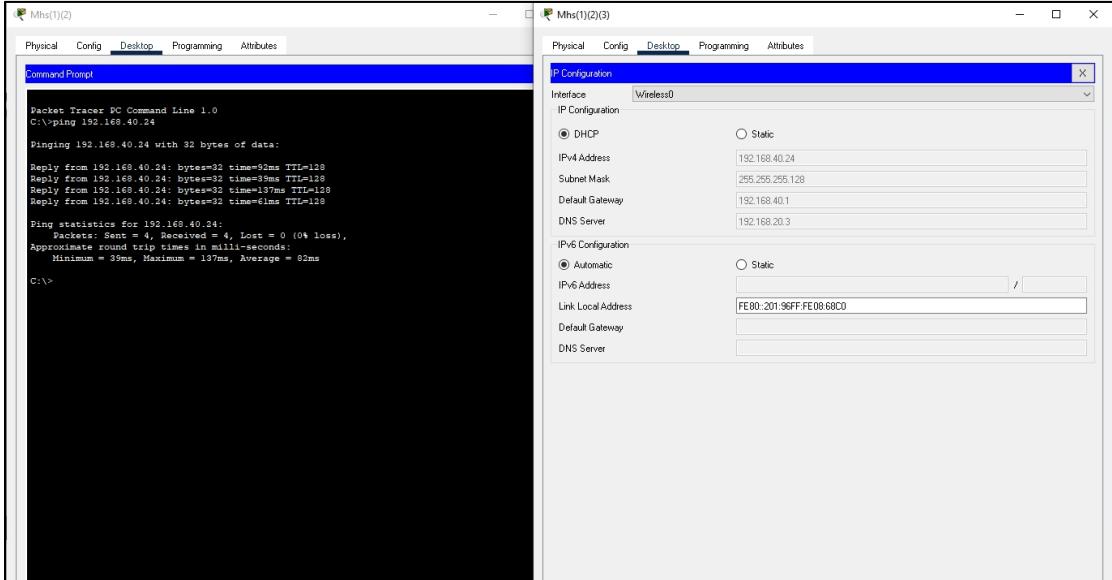
4. Perangkat yang terpasang pada Setiap gedung terdapat 20 PC yg terhubung pada jaringan mahasiswa menggunakan media kabel dan 5 menggunakan jaringan nirkabel.ujilah konesksinya dengan melakukan pink pada setiap pc.



### Pengujian antar kabel:

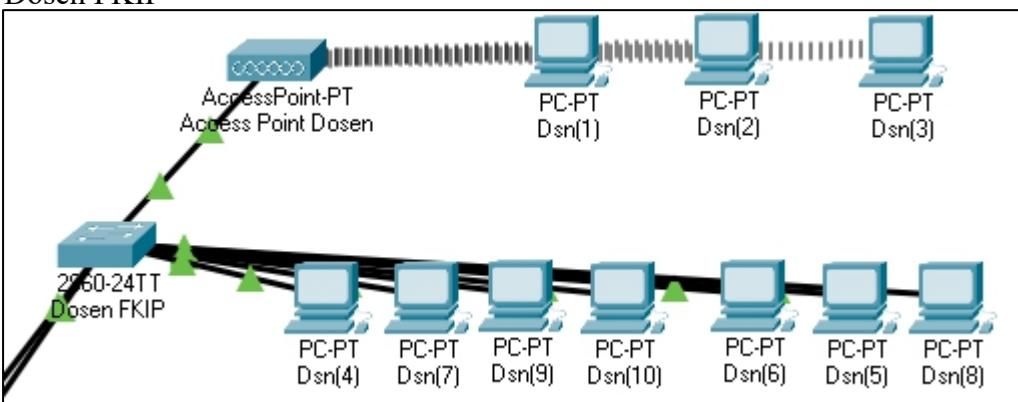


### Pengujian antar nirkabel:

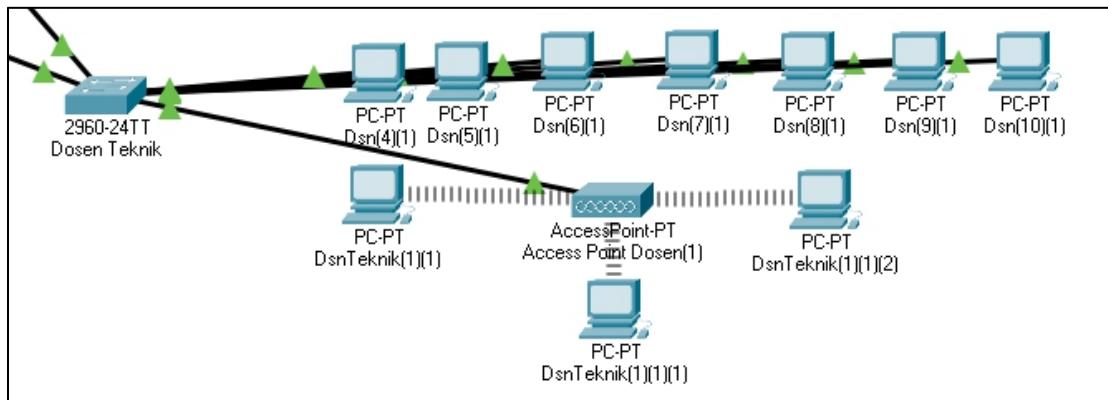


5. pada ruang dosen 7 terhubung dengan jaringan kabel, 3 terhubung dengan jaringan wireless

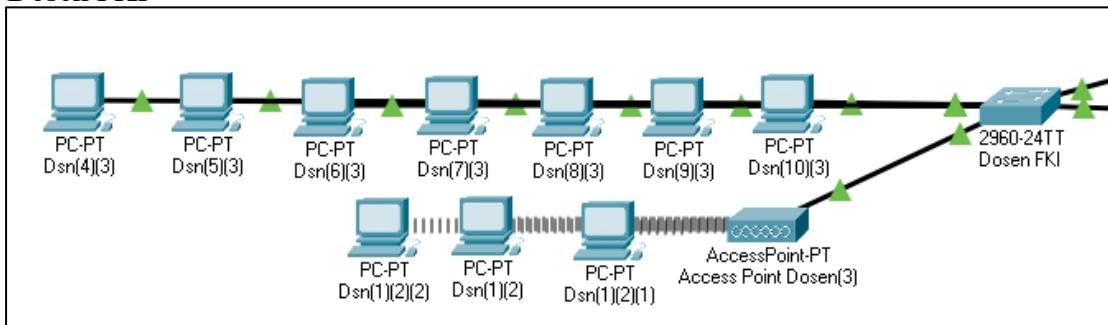
Dosen FKIP



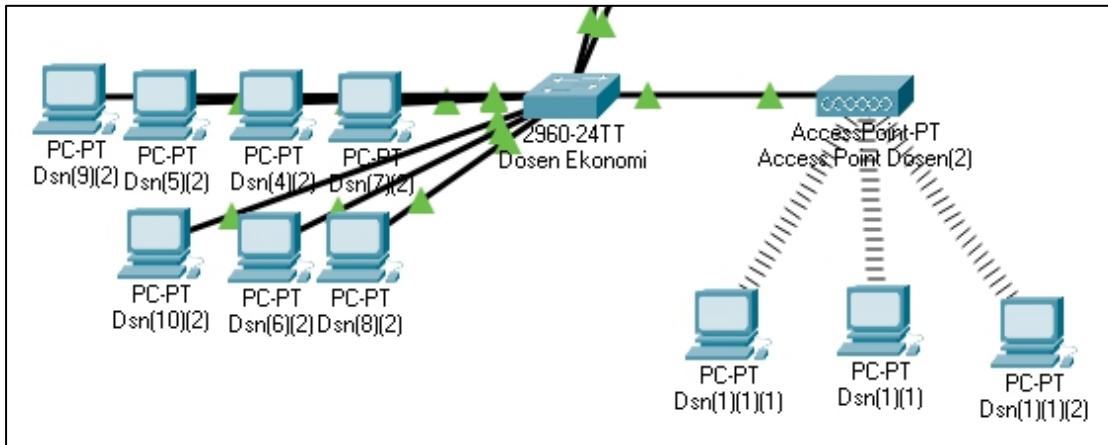
Dosen Teknik



Dosen FKI



Dosen Ekonomi

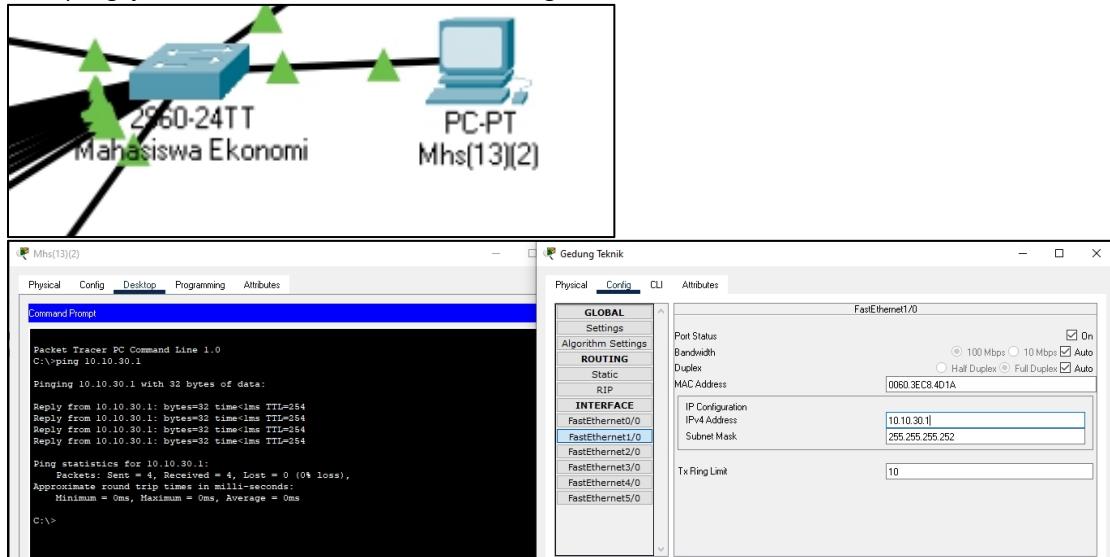


6. Buatlah pembatasan dengan access list dimana

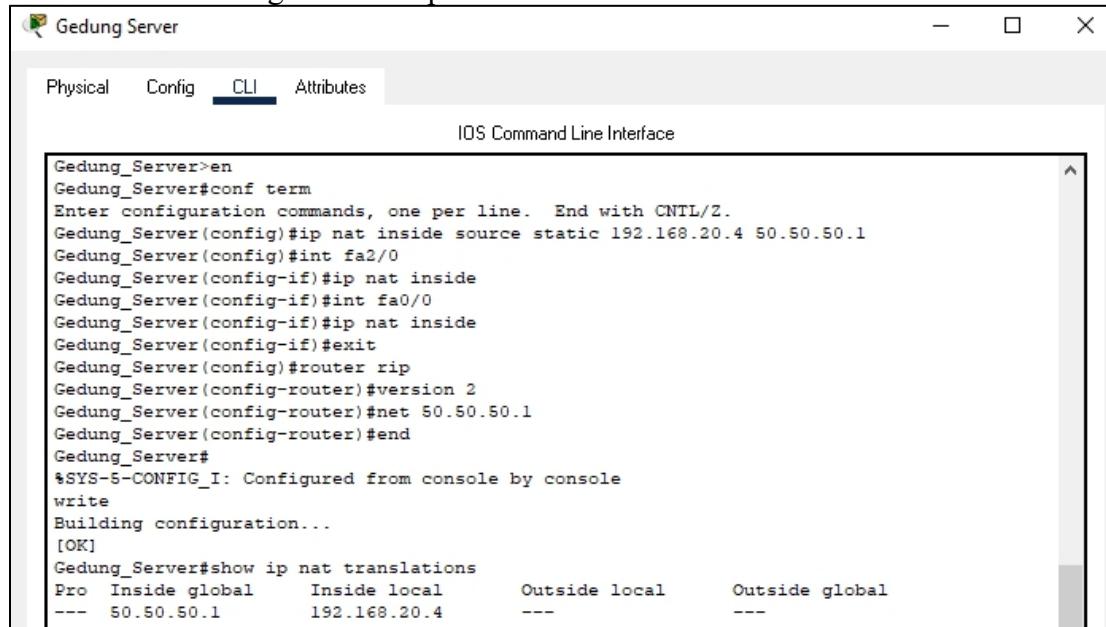
A. nim ganjil dari gedung ekonomi hanya bisa 5 pc saja yang bisa ping ke gedung teknik.

```
Gedung_Teknik>en
Gedung_Teknik#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Gedung_Teknik(config)#access-list 1 deny 192.168.10.0 0.0.0.255
Gedung_Teknik(config)#access-list 1 deny 192.168.40.10
Gedung_Teknik(config)#access-list 1 deny 192.168.40.5
Gedung_Teknik(config)#access-list 1 deny 192.168.40.12
Gedung_Teknik(config)#access-list 1 deny 192.168.40.9
Gedung_Teknik(config)#access-list 1 deny 192.168.40.6
Gedung_Teknik(config)#access-list 1 deny 192.168.40.7
Gedung_Teknik(config)#access-list 1 deny 192.168.40.15
Gedung_Teknik(config)#access-list 1 deny 192.168.40.19
Gedung_Teknik(config)#access-list 1 deny 192.168.40.18
Gedung_Teknik(config)#access-list 1 deny 192.168.40.20
Gedung_Teknik(config)#access-list 1 deny 192.168.40.3
Gedung_Teknik(config)#access-list 1 deny 192.168.40.4
Gedung_Teknik(config)#access-list 1 deny 192.168.40.16
Gedung_Teknik(config)#access-list 1 deny 192.168.40.14
Gedung_Teknik(config)#access-list 1 deny 192.168.40.17
Gedung_Teknik(config)#access-list 1 permit any
Gedung_Teknik(config)#int fa2/0
Gedung_Teknik(config-if)#ip access-group 1 out
Gedung_Teknik(config-if)#int fa3/0
Gedung_Teknik(config-if)#ip access-group 1 out
Gedung_Teknik(config-if)#end
Gedung_Teknik#
%SYS-5-CONFIG_I: Configured from console by console
```

Hasil pengujian PC Mahasiswa Ekonomi ke Gedung Teknik



## 7. Tambahkan konfigurasi NAT pada server web



```
Gedung_Server>en
Gedung_Server#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Gedung_Server(config)#ip nat inside source static 192.168.20.4 50.50.50.1
Gedung_Server(config)#int fa2/0
Gedung_Server(config-if)#ip nat inside
Gedung_Server(config-if)#int fa0/0
Gedung_Server(config-if)#ip nat inside
Gedung_Server(config-if)#exit
Gedung_Server(config)#router rip
Gedung_Server(config-router)#version 2
Gedung_Server(config-router)#net 50.50.50.1
Gedung_Server(config-router)#end
Gedung_Server#
%SYS-5-CONFIG_I: Configured from console by console
write
Building configuration...
[OK]
Gedung_Server#show ip nat translations
Pro Inside global      Inside local        Outside local      Outside global
--- 50.50.50.1          192.168.20.4       ---             ---
```

## 8. Setiap router menggunakan konfigurasi routing dinamis

