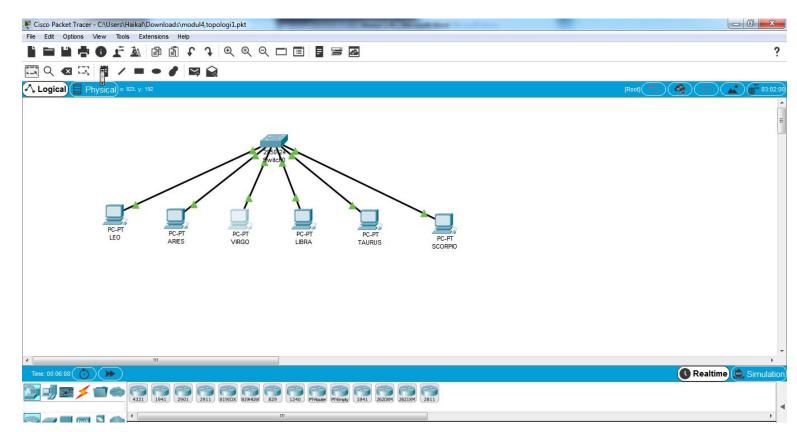
Nama : Fikri Zaki Haiqal NIM : L200170079

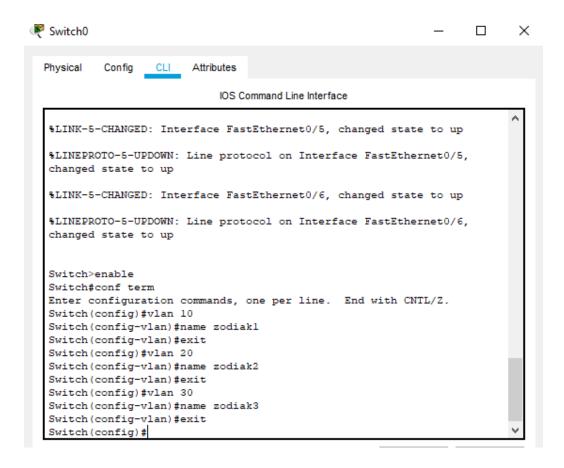
Kelas : B Modul: IV

Kegiatan 1

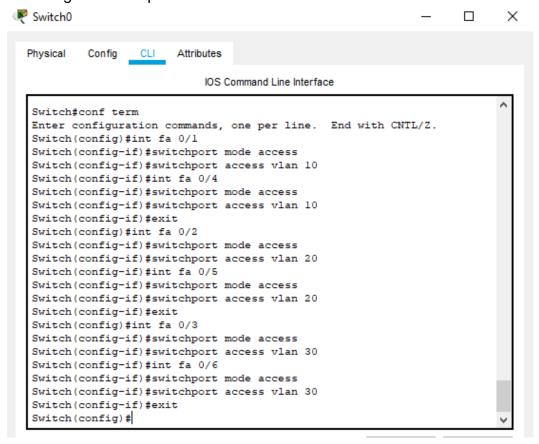
1. Desain topologi, penamaan, dan penyetingan IP address



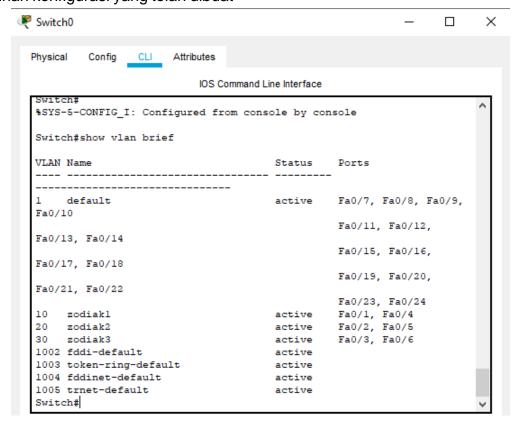
2. Konfigurasi pada switch untuk membuat 3 Vlan dengan nama zodiak1, zodiak2, dan zodiak3



- 3. Konfigurasi port-port switch kedalam vlan zodiak1, zodiak2, dan zodiak3 dengan anggota sebagai berikut
 - Zodiak1 = Leo dan Libra
 - Zodiak2 = Aries dan Taurus
 - Zodiak3 = Virgo dan Scorpio



4. Melihan konfigurasi yang telah dibuat



> Informasi vlan 10

> Informasi vlan 20

Switch#show vlan id 20									
VLAN	VLAN Name						Ports		
20	zodia	k2			act:	ive	Fa0/2,	Fa0/5	
	Type sl Tra	SAID ns2	MTU	Parent	RingNo	Bridg	eNo Stp	BrdgMode	
20	enet	100020	1500	-	-	-	-	-	0

> Informasi vlan 30

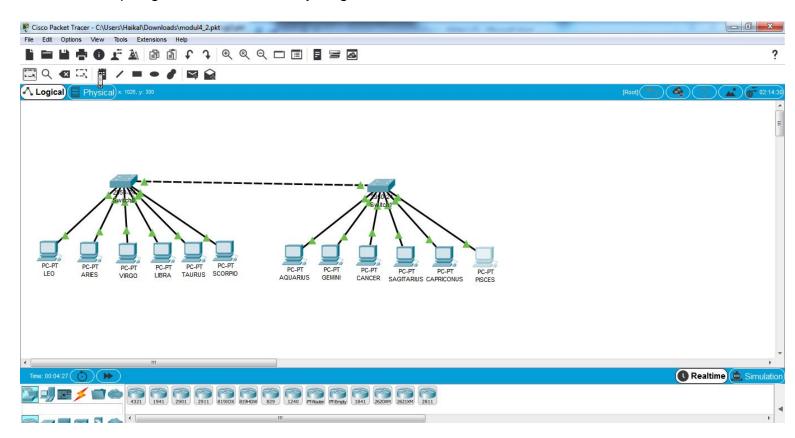
Swite	h#sho	w vlan id	30							
VLAN	Name			Stat	tus	Ports				
30	zodial	k3			act:	ive	Fa0/3,	Fa0/6		
	Type sl Tran	SAID ns2	MTU	Parent	RingNo	Bridge	eNo Stp	BrdgMode		
30 0	enet	100030	1500	-	-	-	-	-	0	

5. Table informasi tentang vlan

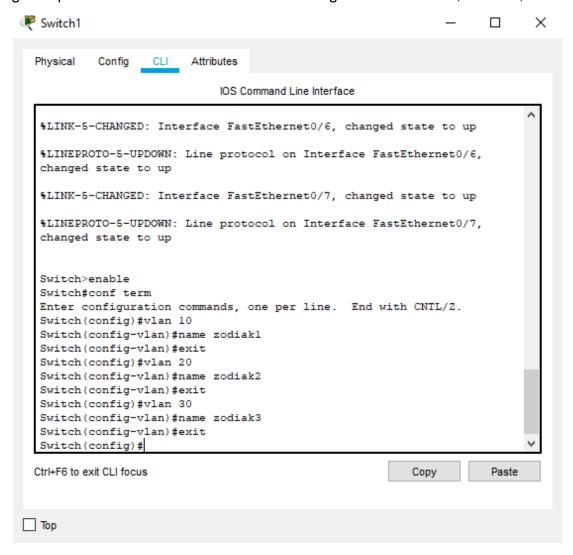
N	Variabe	Nila					
0	l	i					
1.	Nomer VLAN	10	20	30			
2.	Nama VLAN	Zodiak1	Zodiak2	Zodiak3			
3.	Port	Fa 0/1, Fa 0/4	Fa 0/2, Fa 0/5	Fa 0/3, Fa 0/6			
4.	Status	Aktif	Aktif	Aktif			

Kegiatan 2

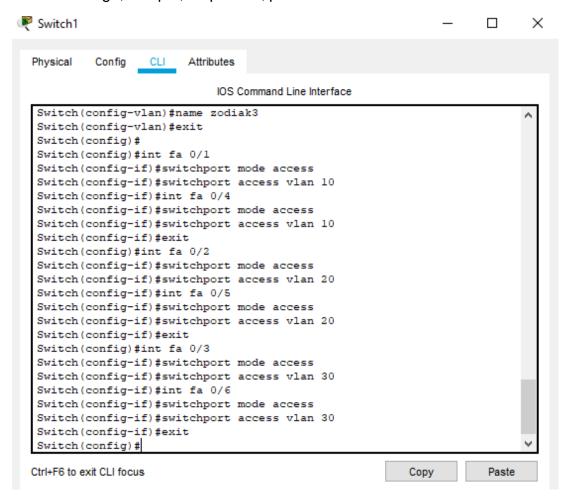
1. Membuat topologi, menamai, dan menyeting IP address



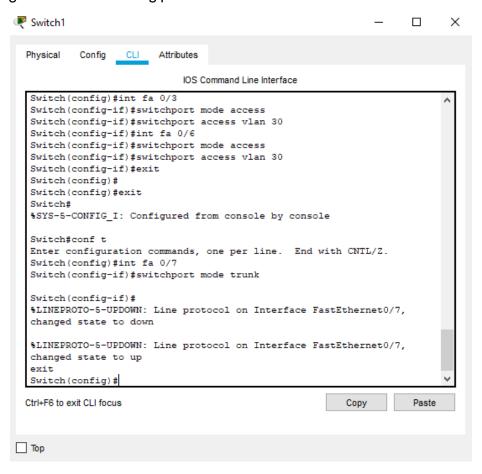
2. Konfigurasi pada switch untuk membuat 3 Vlan dengan nama zodiak1, zodiak2, dan zodiak3



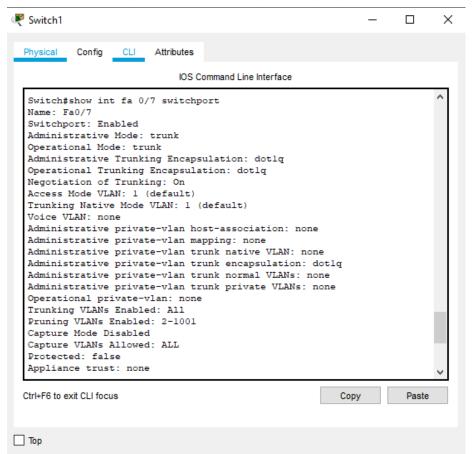
- 3. Konfigurasi port-port switch ke dalam vlan zodiak1, zodiak2, dan zodiak3 dengan anggota sebagai berikut,
 - Zodiak1 = leo, libra, aquarius, gemini
 - Zodiak2 = aries, Taurus, cancer, sagitarius
 - Zodiak3 = virgo, scorpio, carpricons, pisces

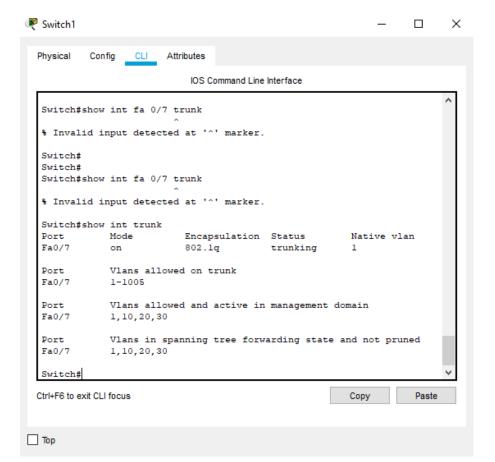


4. Konfigurasi VLAN trunking pada switch 1



5. Melihat hasil konfigurasi trunking pada switch 1







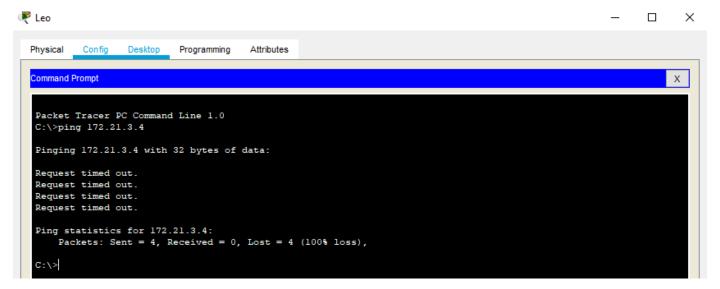
										_	
Swite	h#shov	v vlan								^	
VLAN					Sta	atus	Ports				
1	defaul				act	ive	Fa0/8,	Fa0/9, Fa	0/10,		
Fa0/1	11						Fa0/12.	Fa0/13,			
Fa0/14, Fa0/15 Fa0/16, Fa0/17,											
Fa0/18, Fa0/19											
Fa0/20, Fa0/21, Fa0/22, Fa0/23											
							Fa0/24				
	zodia					active Fa0/1, Fa0/4					
	zodia					active Fa0/2, Fa0/5					
	zodia						Fa0/3,	Fa0/6			
		default				ive					
		-ring-defau: et-default	TE			ive					
		-default				ive ive					
1005	trnet-	-derault			acı	ive					
VLAN	Type	SAID	MTU	Parent	RingNo	Bridge	No Stp	BrdgMode			
	sl Tran						_	_			
0	enet	100001	1500	-	-	-	-	-	0		
10 0	enet	100010	1500	-	-	-	-	-	0		
20 0	enet	100020	1500	-	-	-	-	-	0		
_	enet	100030	1500	-	-	-	-	-	0		
_	fddi	101002	1500	-	-	-	-	-	0		
_	tr	101003	1500	-	-	-	-	-	0		
ľ	fdnet	101004	1500	_	_	_	ieee	_	0	~	
0											
1005 0	trnet	101005	1500	-	-	-	ibm	-	0		
VLAN	Type	SAID	MTU	Parent	RingNo	Bridge	No Stp	BrdgMode			
Trans	sl Tran	ns2			_	_	_	_			
Remot	Remote SPAN VLANs										
Primary Secondary Type Ports											
Switch#										V	
2,710										*	

Ctrl+F6 to exit CLI focus

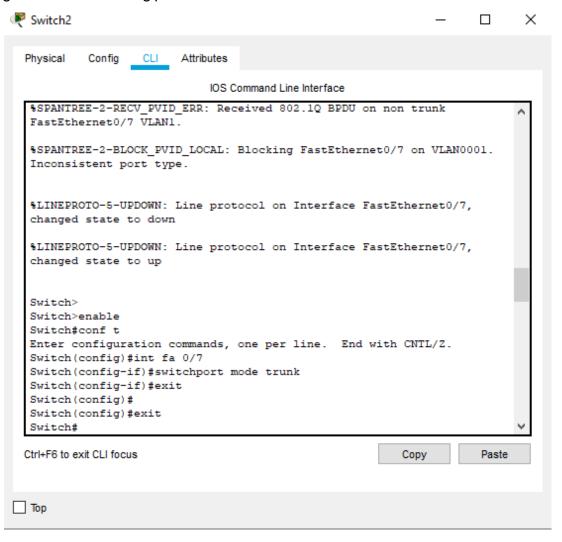
Сору

Paste

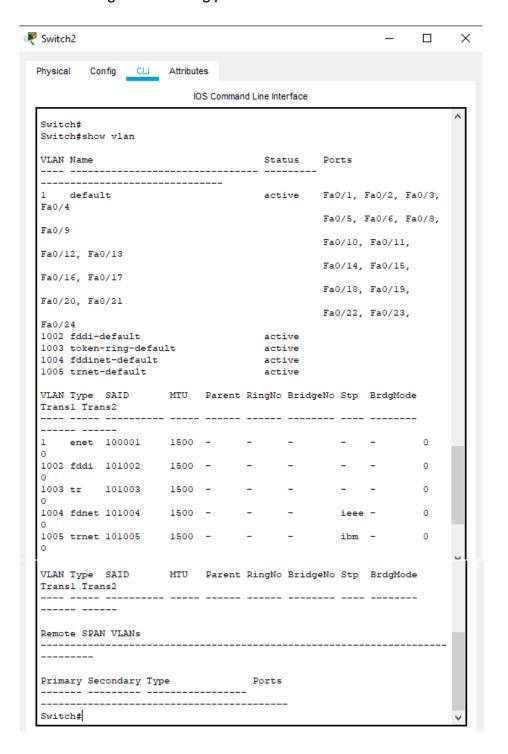
6. Uji coba ping antara PC leo dengan PC pisces



7. Konfigurasi VLAN trunking pada switch 2



8. Melihat hasil konfigurasi trunking pada switch 2



- 9. Konfigurasi port port kedalam VLAN zodiak1, zodiak2, dan zodiak3 dengan anggota sebagai berikut
 - Zodiak1 = leo, libra, aquarius, gemini
 - Zodiak2 = aries, Taurus, cancer, sagitarius
 - > Zodiak3 = virgo, scorpio, carpricons, pisces



10. Uji coba ping

> PC leo ke PC aries

```
C:\>ping 172.21.1.2

Pinging 172.21.1.2 with 32 bytes of data:

Request timed out.

Request timed out.

Request timed out.

Request timed out.

Ping statistics for 172.21.1.2:

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

> PC leo ke PC aquarius

```
C:\>ping 172.21.1.3

Pinging 172.21.1.3 with 32 bytes of data:

Reply from 172.21.1.3: bytes=32 time=118ms TTL=128
Reply from 172.21.1.3: bytes=32 time<1ms TTL=128
Ping statistics for 172.21.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 118ms, Average = 29ms</pre>
```

> PC leo ke PC pisces

```
C:\>ping 172.21.3.4

Pinging 172.21.3.4 with 32 bytes of data:

Request timed out.

Request timed out.

Request timed out.

Request timed out.

Ping statistics for 172.21.3.4:

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

> PC libra ke PC cancer

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.21.2.3

Pinging 172.21.2.3 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 172.21.2.3:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

> PC libra ke PC leo

```
C:\>ping 172.21.1.1

Pinging 172.21.1.1 with 32 bytes of data:

Reply from 172.21.1.1: bytes=32 time=lms TTL=128
Reply from 172.21.1.1: bytes=32 time<lms TTL=128
Reply from 172.21.1.1: bytes=32 time<lms TTL=128
Reply from 172.21.1.1: bytes=32 time<lms TTL=128
Ping statistics for 172.21.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = lms, Average = 0ms</pre>
C:\>
```