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Nim : L200170058

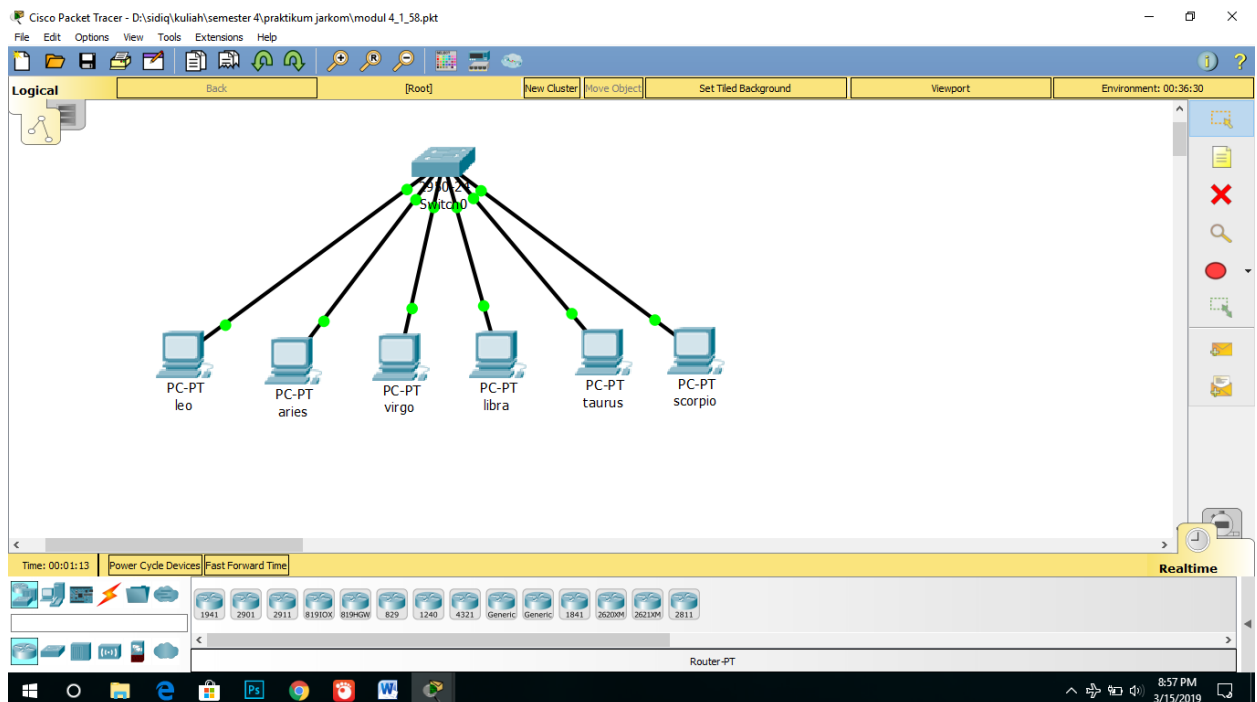
Kelas : B

Modul 4

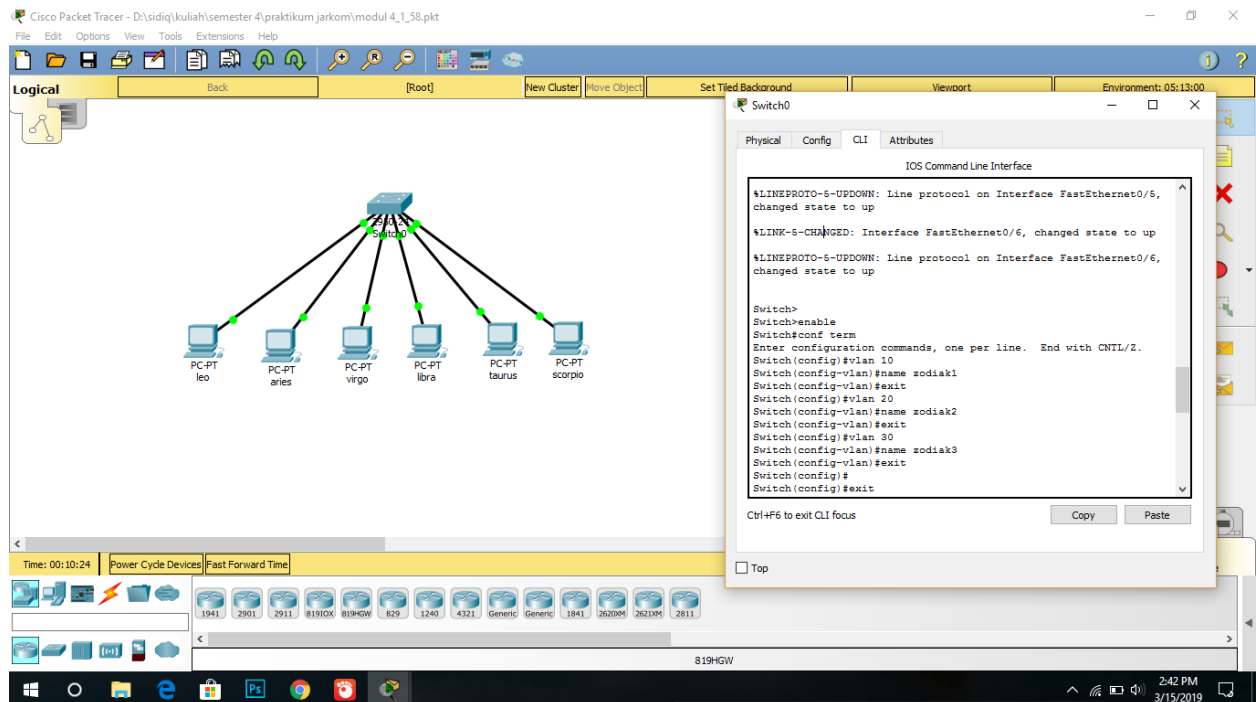
Kegiatan Praktikum

Kegiatan 1 .

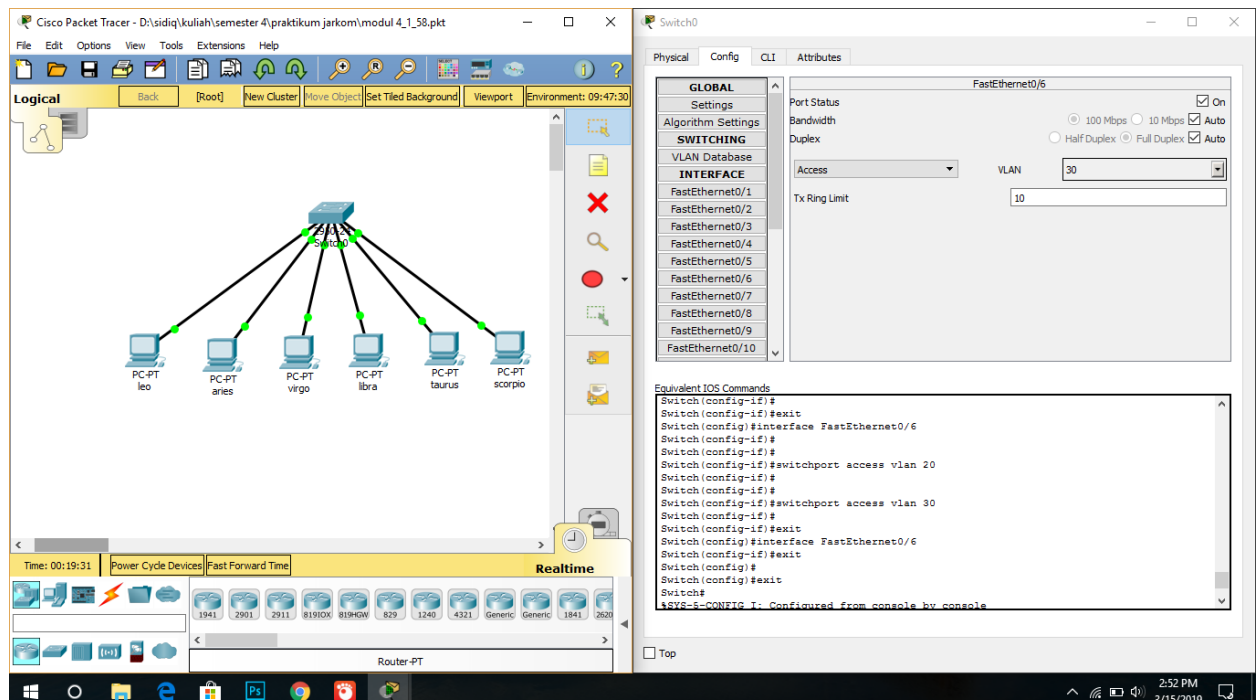
Membuat topologi dengan menggunakan Switch dan memberi nama Pc sesuai ketentuan.



Mengkonfigurasi Pc dengan nama dan alamat ip seperti ketentuan dan membuat 3 VLAN dengan nama Zodiak1, Zodiak2, Zodiak3.



Mengkonfigurasi port-port switch ke dalam VLAN zodiak1, Zodiak2, Zodiak3.



Menampilkan informasi dari masing-masing Vlan yang telah dibuat

```
Switch#show vlan id 10
```

```

VLAN Name                Status    Ports
-----
10   zodiak1                active    Fa0/1, Fa0/4

VLAN Type  SAID      MTU   Parent RingNo BridgeNo Stp  BrdgMode Trans1 Trans2
-----
10   enet    100010   1500  -     -     -     -     -         0      0

```

```
Switch#show vlan id 20
```

```

VLAN Name                Status    Ports
-----
20   zodiak2                active    Fa0/2, Fa0/5

VLAN Type  SAID      MTU   Parent RingNo BridgeNo Stp  BrdgMode Trans1 Trans2
-----
20   enet    100020   1500  -     -     -     -     -         0      0

```

```
Switch#show vlan id 30
```

```

VLAN Name                Status    Ports
-----
30   zodiak3                active    Fa0/3, Fa0/6

VLAN Type  SAID      MTU   Parent RingNo BridgeNo Stp  BrdgMode Trans1 Trans2
-----
30   enet    100030   1500  -     -     -     -     -         0      0

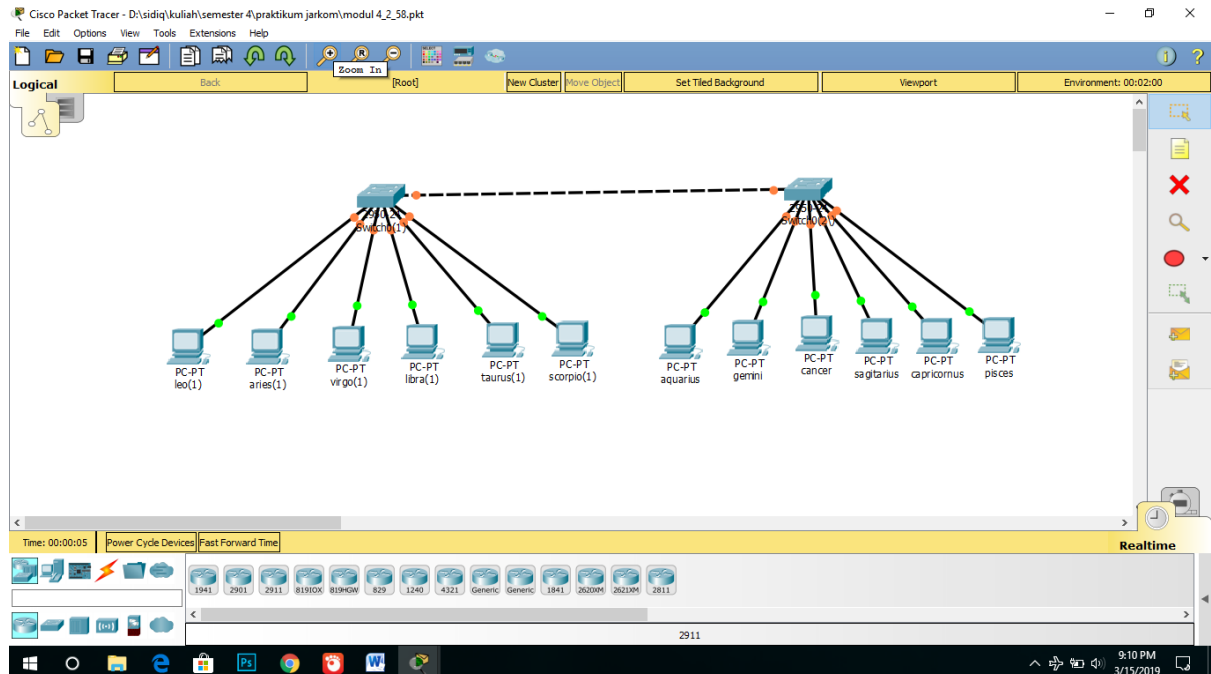
```

Tugas 6A :

No	Variabel	Nilai		
		vlan id 10	vlan id 20	vlan id 30
1	Nomor VLAN	10	20	30
2	Nama VLAN	zodiak1	zodiak2	zodiak3
3	Port	Fa0/1, Fa0/4	Fa0/2, Fa05	Fa0/3, Fa0/6
4	Status	Active	active	active

Kegiatan 2.

Membuat topologi menggunakan Switch Catalyst 2950. Dan memberi nama masing-masing PC sesuai ketentuan.

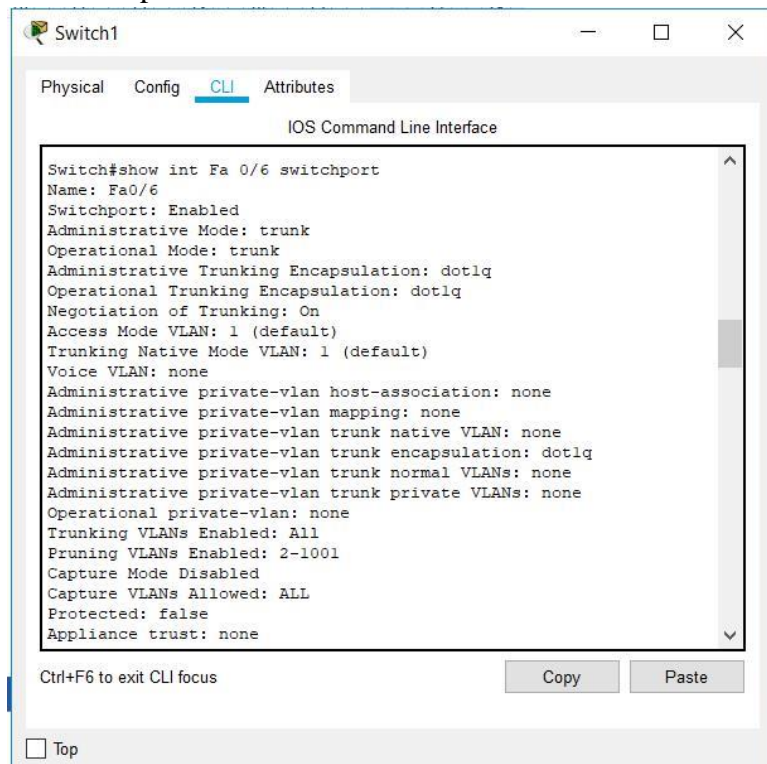


Mengkonfigurasi PC dengan alamat Ip yang sesuai dengan ketentuan. Dan mengulangi langkah seperti latihan 1

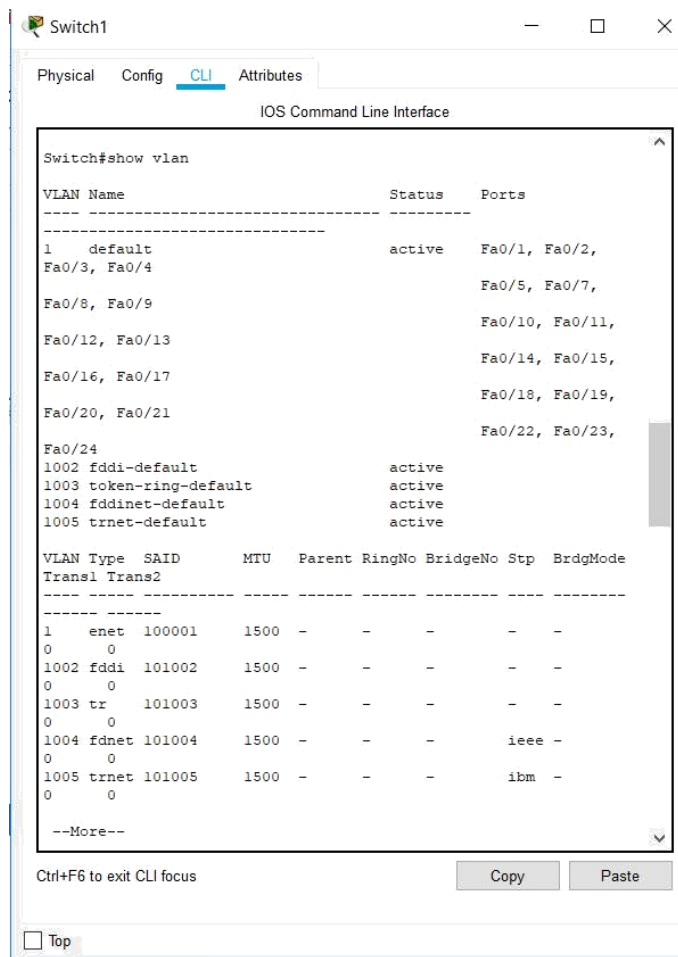
```
Switch1
Physical Config CLI Attributes
IOS Command Line Interface
Switch>enable
Switch#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#int Fa 0/6
Switch(config-if)#switchport mode trunk
Switch(config-if)#switchport mode trunk
Switch(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/6,
changed state to down
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/6,
changed state to up
Switch(config-if)#exit
Switch(config)#exit
Switch#
Switch#show int Fa 0/6 switchport
Name: Fa0/6
Ctrl+F6 to exit CLI focus
Copy Paste
Top
```

Melihat konfigurasi :

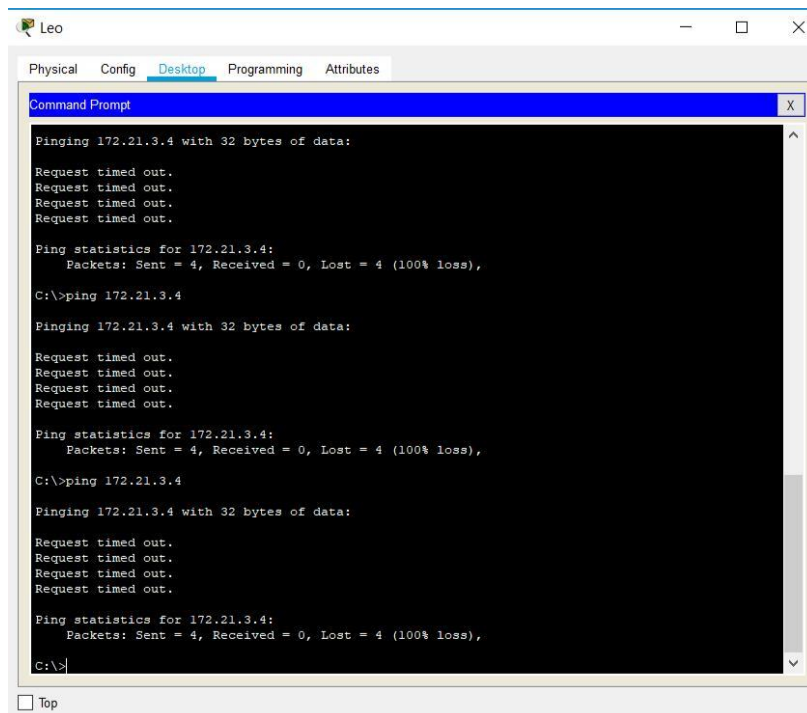
Ketik show int Fa 0/6 switchport



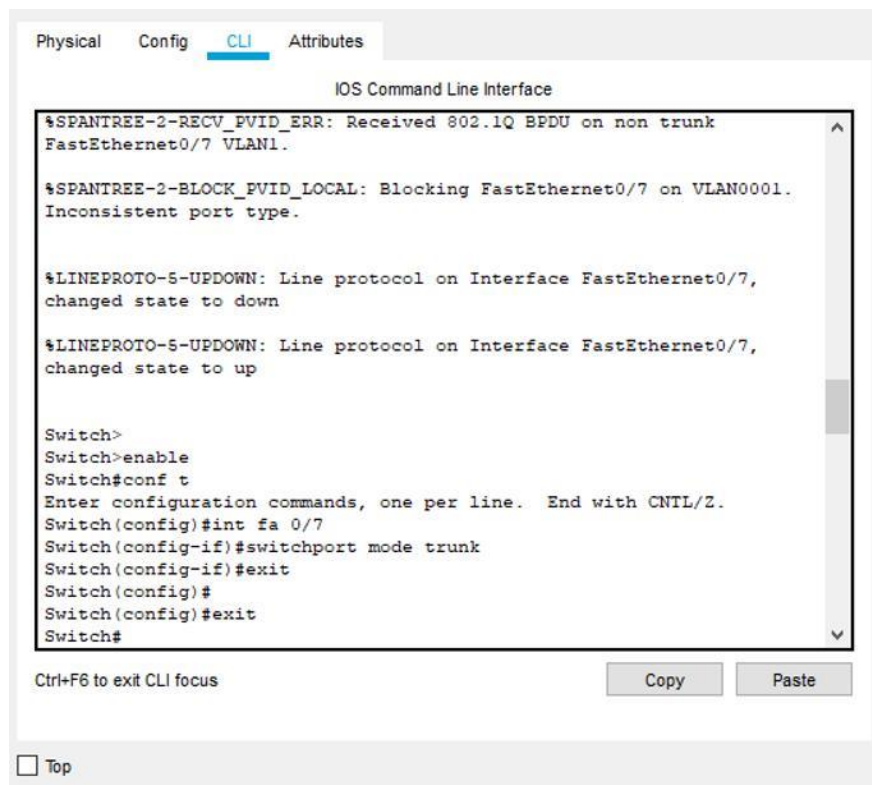
□ Ketik show vlan



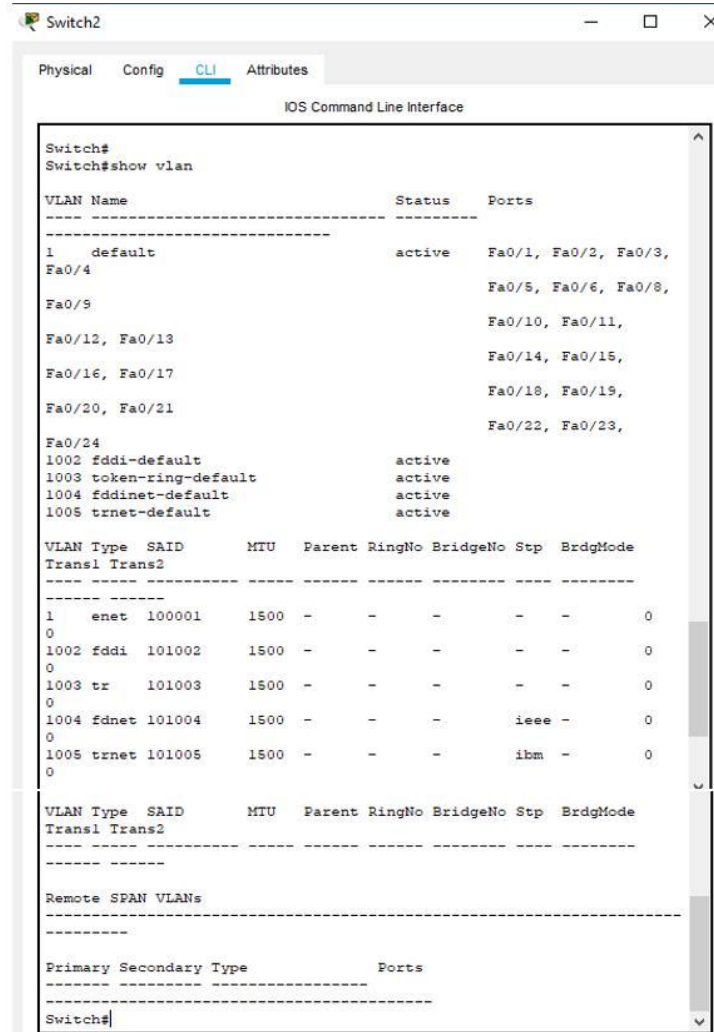
Melakukan PC Leoke PC Pisces



Konfigurasi VLAN trunking pada switch 2



Melihat hasil konfigurasi trunking pada switch 2



Switch2

Physical Config CLI Attributes

IOS Command Line Interface

```
Switch#
Switch#show vlan
```

VLAN Name	Status	Ports
1 default	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4, Fa0/5, Fa0/6, Fa0/8, Fa0/10, Fa0/11, 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
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trnet-default	active	

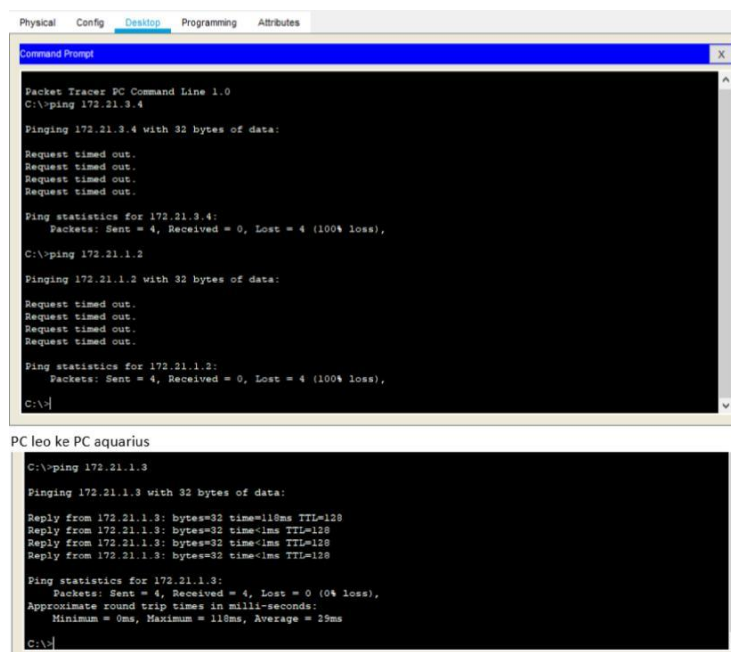
VLAN	Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode
1	enet	100001	1500	-	-	-	-	0
1002	fddi	101002	1500	-	-	-	-	0
1003	tr	101003	1500	-	-	-	-	0
1004	fdnet	101004	1500	-	-	-	ieee	0
1005	trnet	101005	1500	-	-	-	ibm	0

Remote SPAN VLANs

Primary	Secondary	Type	Ports
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Switch#

Mengji coba ping



Physical Config Desktop Programming Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
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),

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),

C:\>
```

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
Reply from 172.21.1.3: bytes=32 time<1ms 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

C:\>
```

