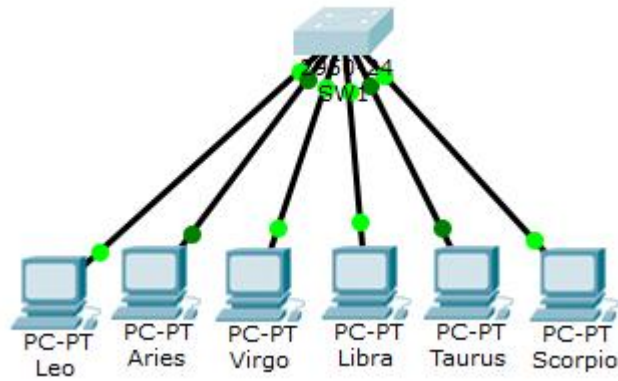


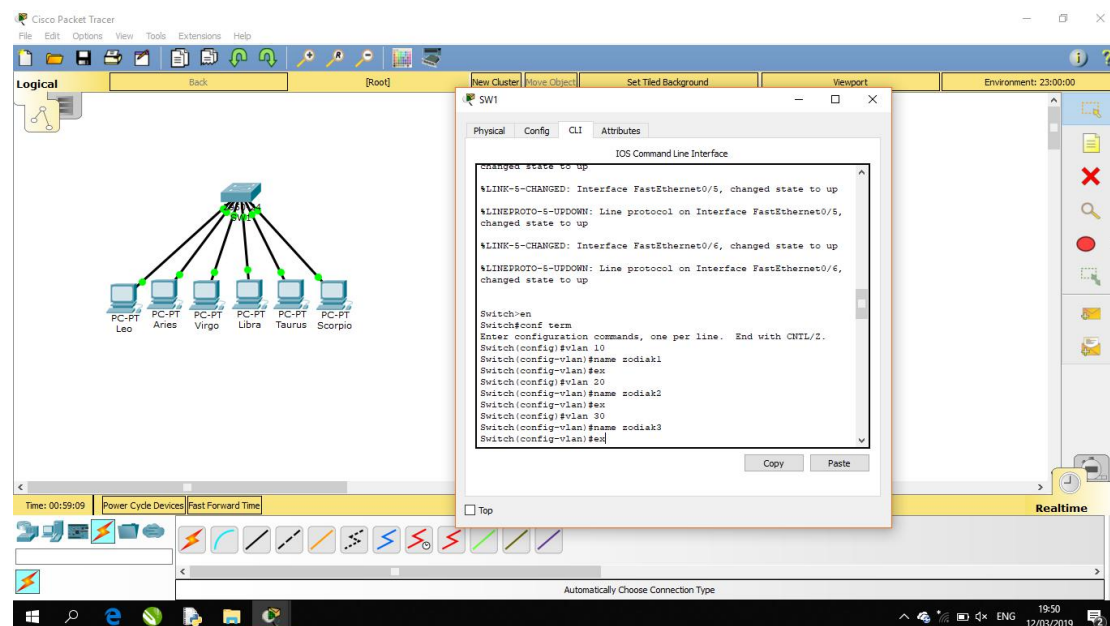
Nama : Giovanni Dani Saputra  
NIM : L200170159

## Kegiatan 1

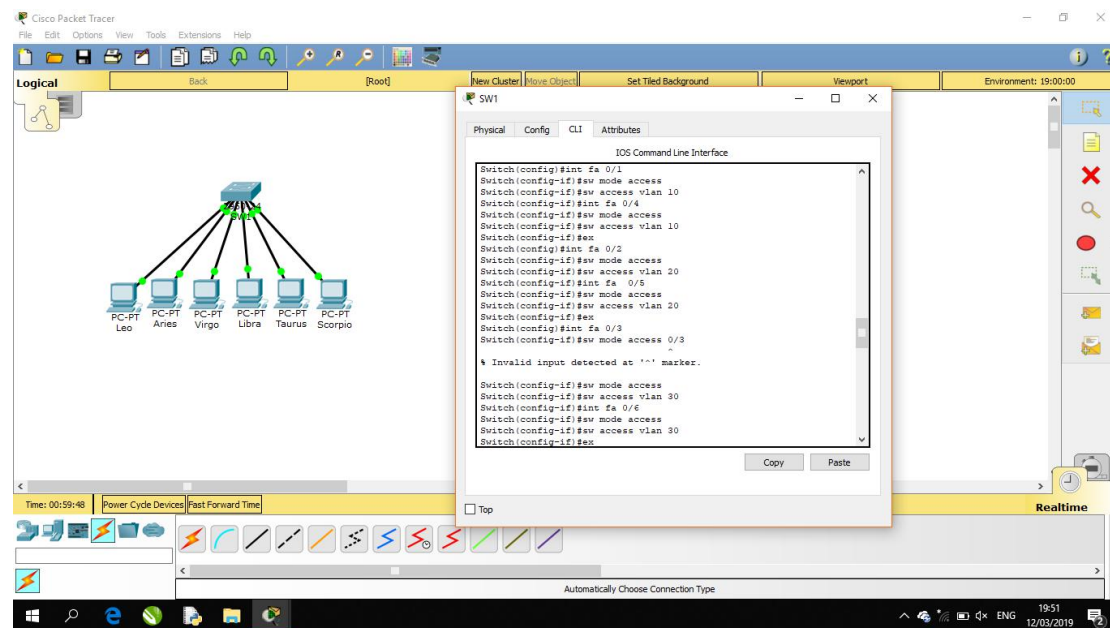
### Pembuatan Topologi



### Konfigurasi VLAN

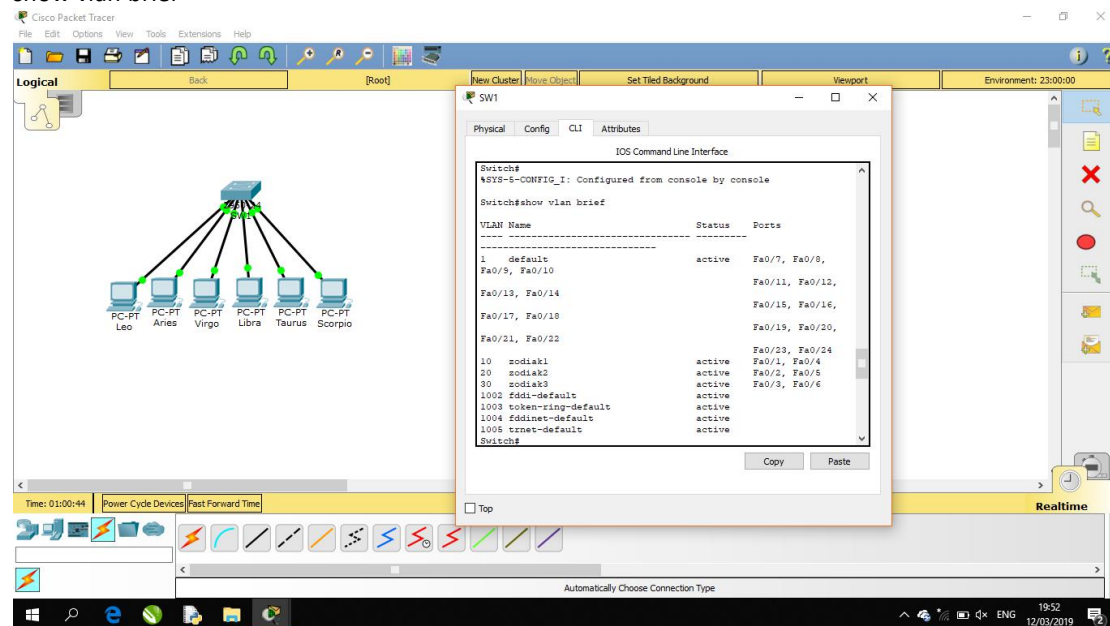


## Konfigurasi port ke VLAN



## Melihat Konfigurasi VLAN

### show vlan brief



show vlan id 10

The screenshot shows the Cisco Packet Tracer interface. In the background, a network diagram displays a central switch connected to six PCs labeled Leo, Aries, Virgo, Libra, Taurus, and Scorpio. In the foreground, a CLI window for SW1 is open, displaying the output of the 'show vlan id 10' command. The output shows VLAN 10 named 'zodiak1' with an active status and ports Fa0/1 and Fa0/4. Below this, the output for 'show vlan id 20' is partially visible, showing VLAN 20 named 'zodiak2' with an active status and ports Fa0/2 and Fa0/5.

```
Switch#show vlan id 10
VLAN Name      Status      Ports
-----
10  zodiak1      active      Fa0/1, Fa0/4
VLAN Type SAID      MTU   Parent RingNo BridgeNo Stp  BdgMode
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  BdgMode
Trans1 Trans2
20  enet  100020  1500   -    -    -    -    -
0  0
```

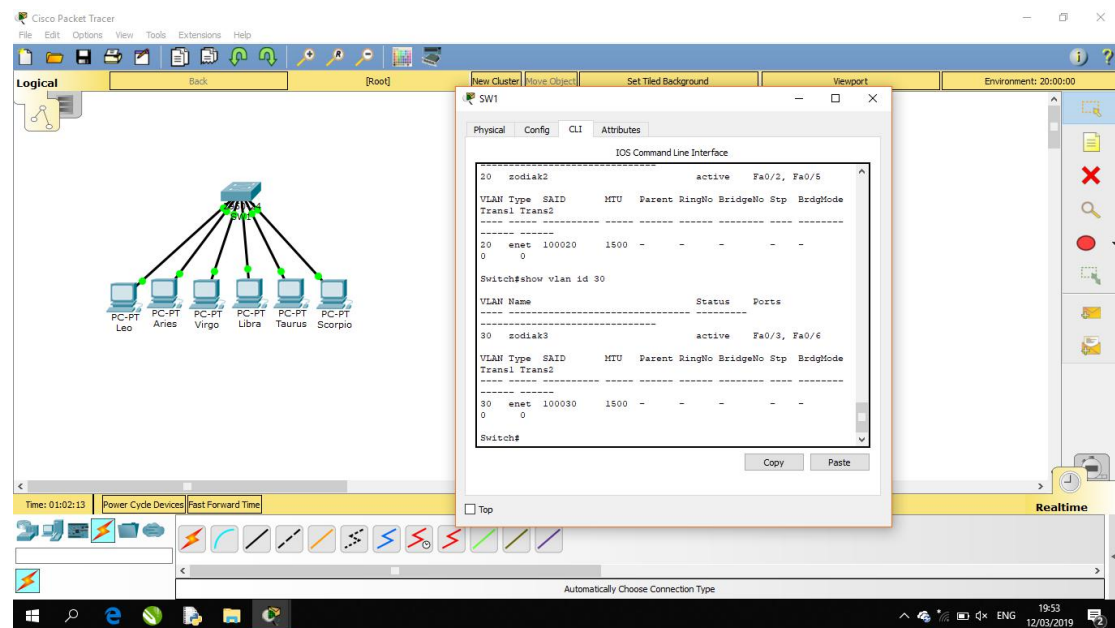
Show vlan id 20

The screenshot shows the Cisco Packet Tracer interface. In the background, the same network diagram as the previous image is visible. In the foreground, the CLI window for SW1 is open, displaying the output of the 'show vlan id 20' command. The output shows VLAN 20 named 'zodiak2' with an active status and ports Fa0/2 and Fa0/5. Below this, the output for 'show vlan id 30' is partially visible, showing VLAN 30 named 'zodiak3' with an active status and ports Fa0/3 and Fa0/6.

```
Switch#show vlan id 20
VLAN Name      Status      Ports
-----
20  zodiak2      active      Fa0/2, Fa0/5
VLAN Type SAID      MTU   Parent RingNo BridgeNo Stp  BdgMode
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  BdgMode
Trans1 Trans2
30  enet  100030  1500   -    -    -    -    -
0  0
```

Show vlan id 30



## Tugas 6A

N0	Variable	Nilai
1	Nomor VLAN	10
2	Nama VLAN	zodiak1
3	Port	fa0/1,fa0/4
4	Status	active

N0	Variable	Nilai
1	Nomor VLAN	20
2	Nama VLAN	zodiak2
3	Port	fa0/2,fa0/5
4	Status	active

N0	Variable	Nilai
1	Nomor VLAN	30
2	Nama VLAN	zodiak3
3	Port	fa0/3,fa0/6
4	Status	active

## Tugas 6b

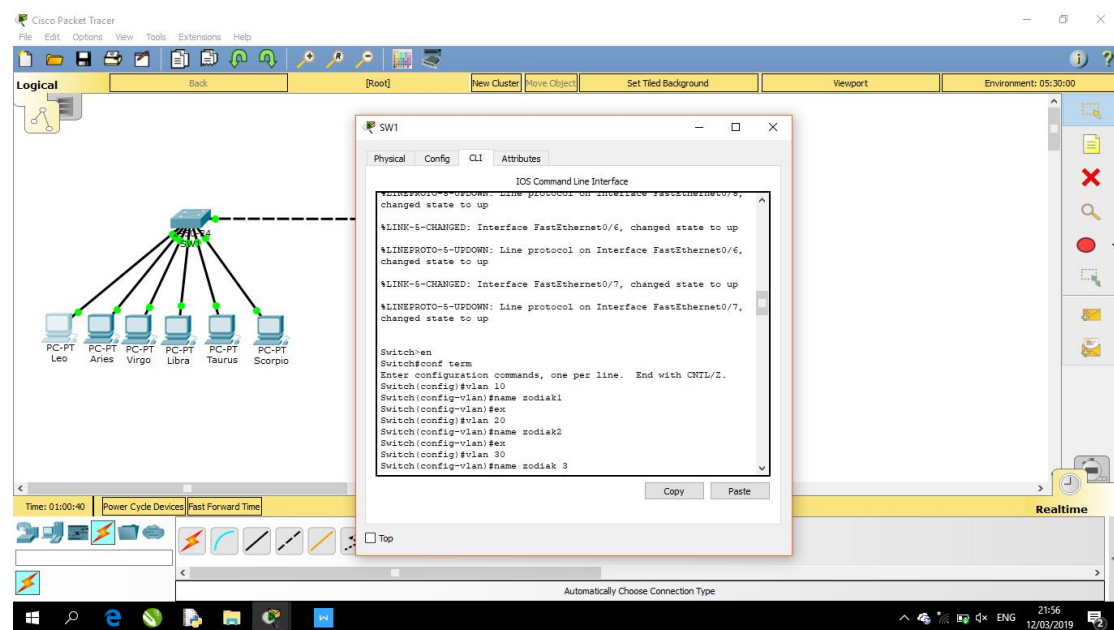
Nomor VLAN didapat ketika kita memasukan code vlan x      x = Nomor VLAN  
 Nama VLAN didapat ketika kita memasukan code name y      y = Nama VLAN

## Kegiatan 2

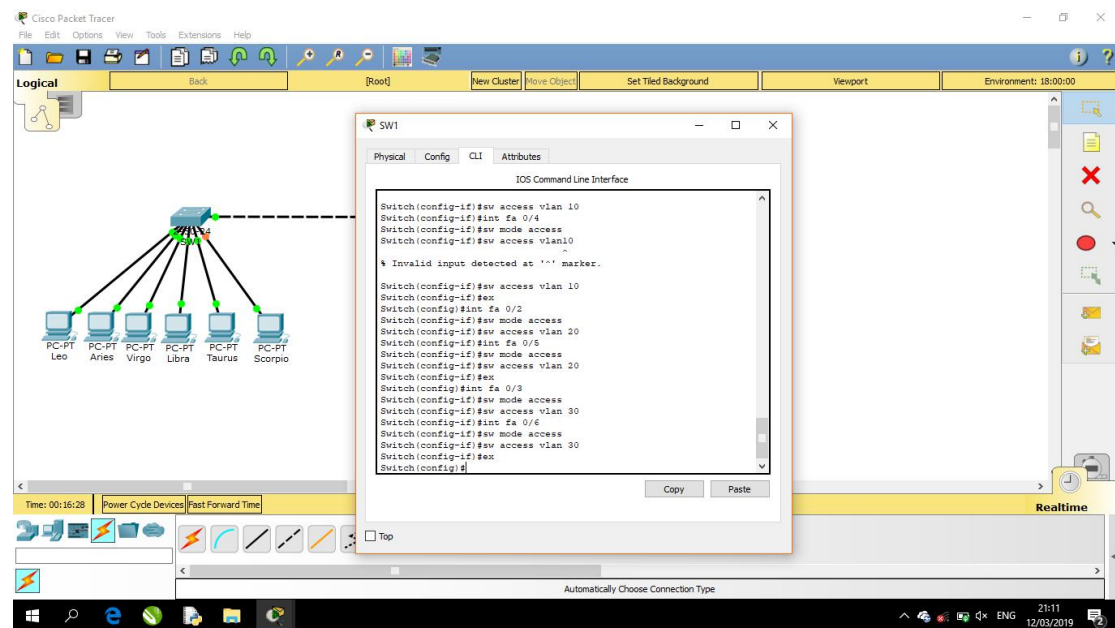
### Membuat Topologi



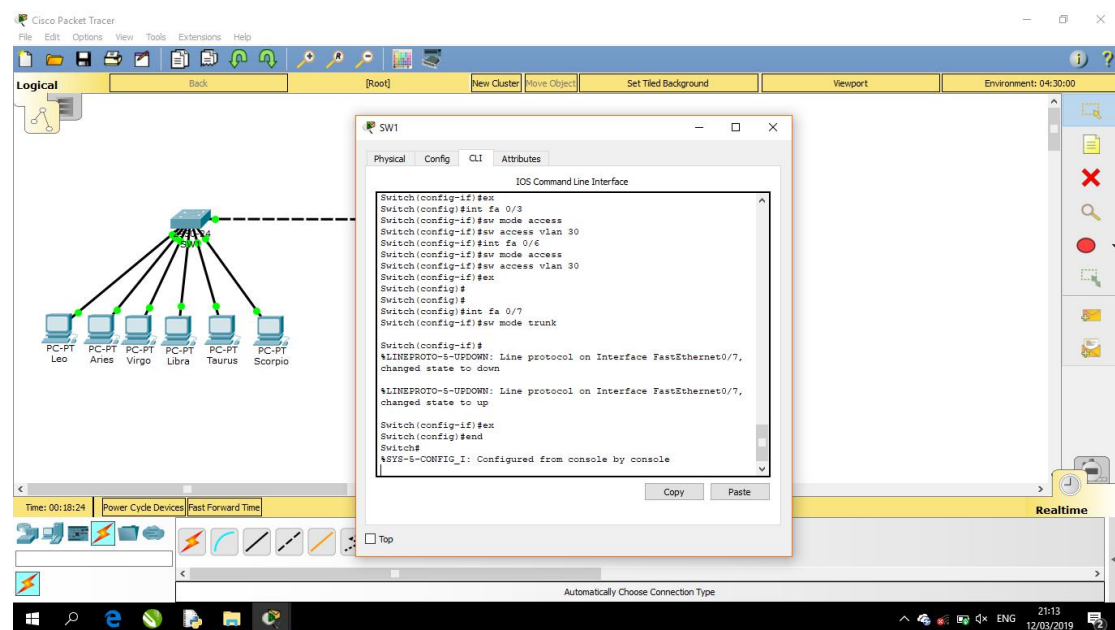
### Konfigurasi VLAN



## Konfigurasi port port VLAN

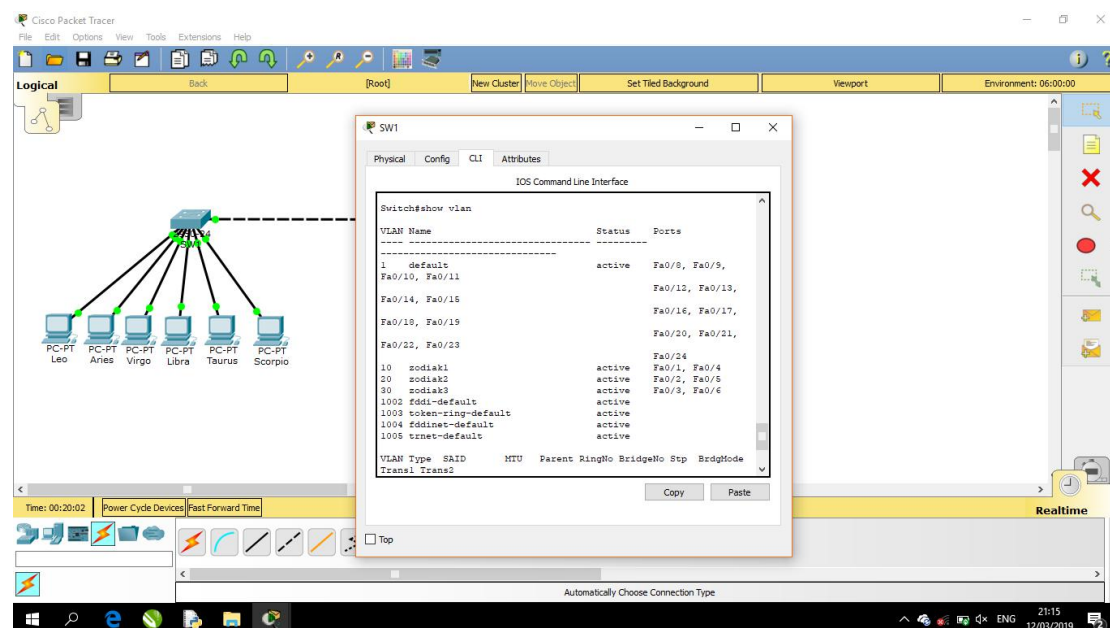
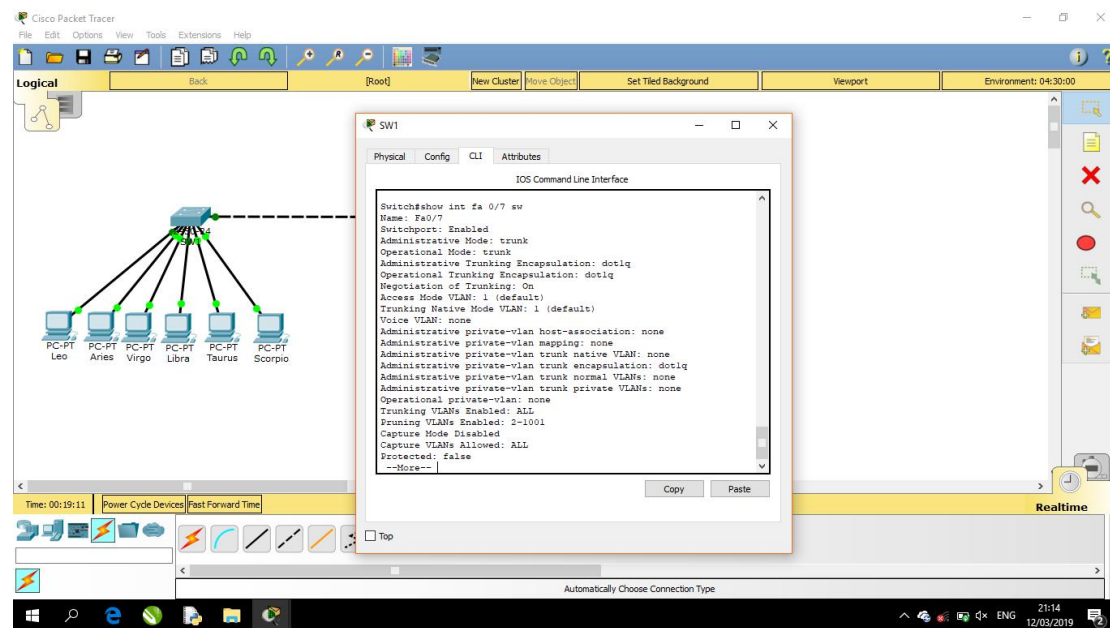


## VLAN Trunking pada SW1

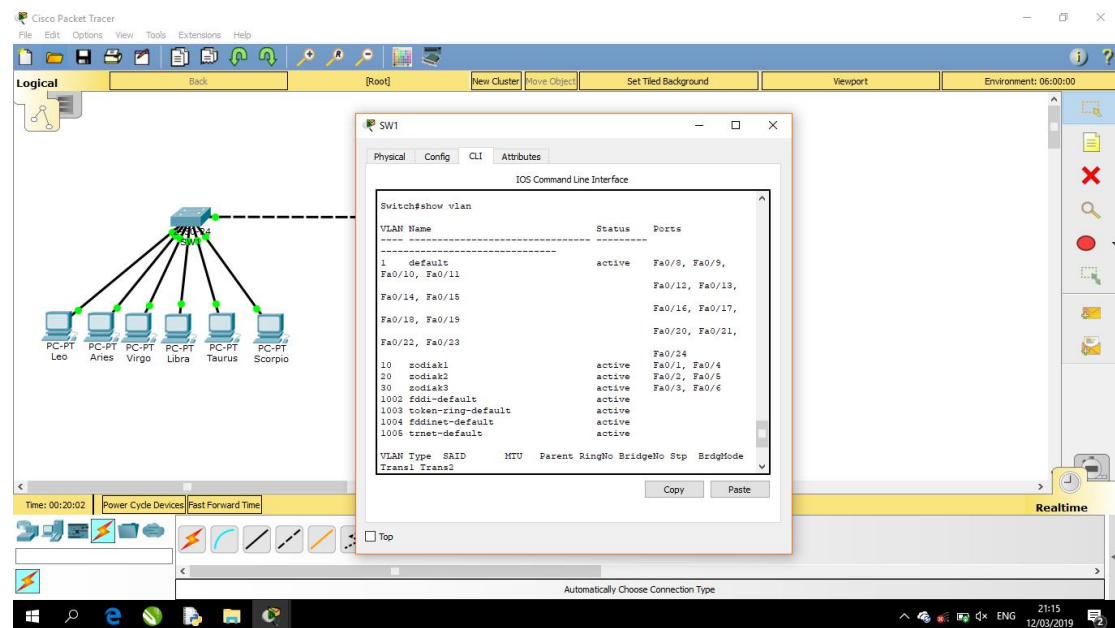




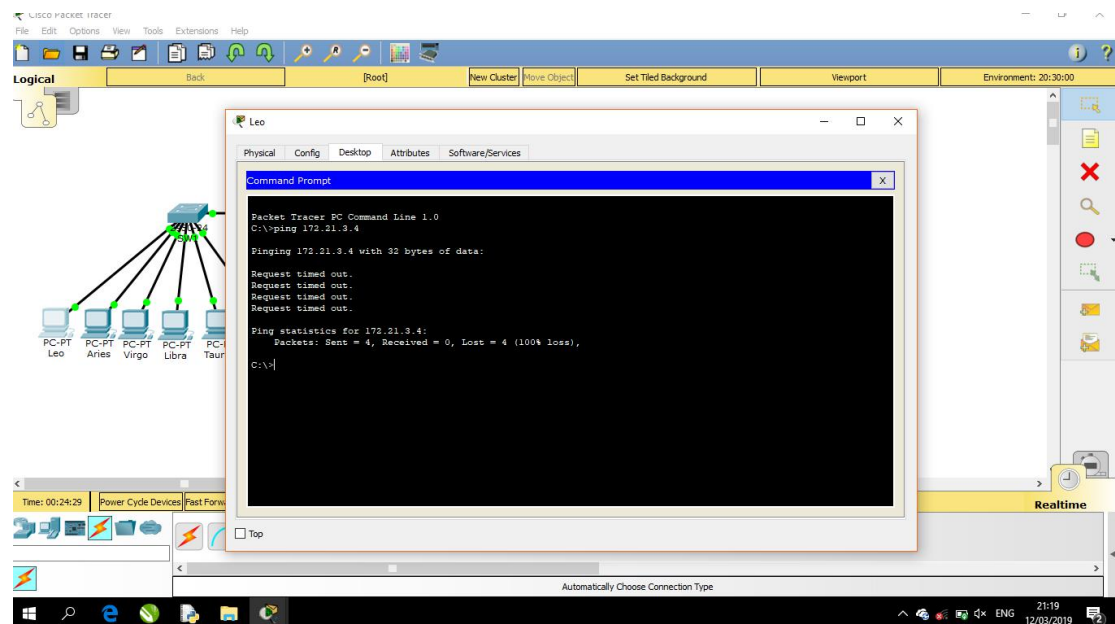
## Melihat Konfigurasi Trunking



## Tugas 7a



## Ping dari Leo ke Pisces



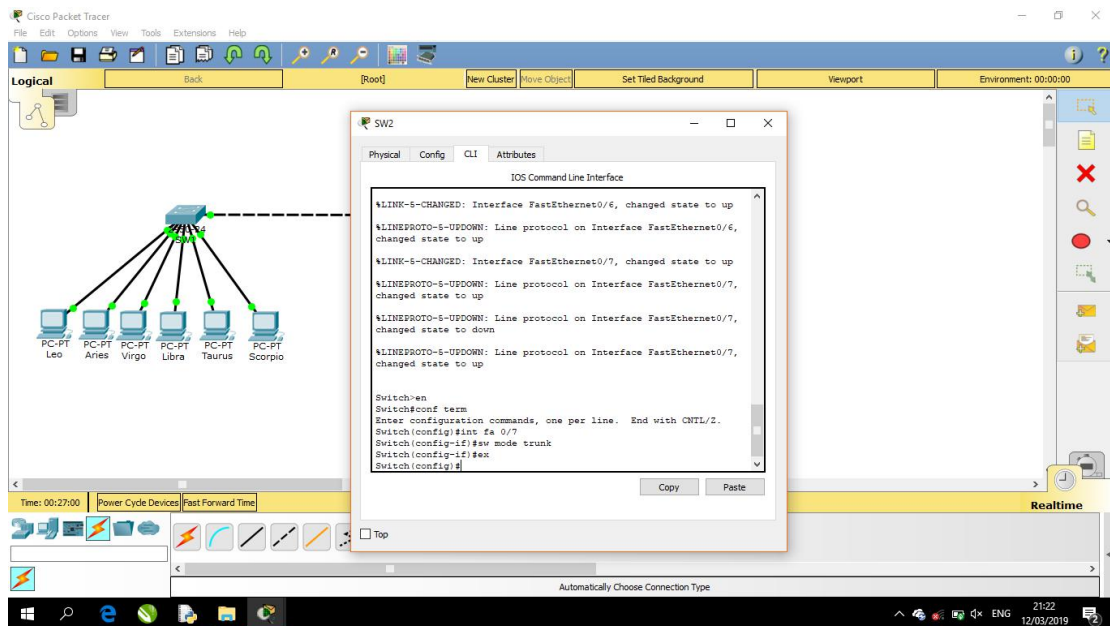
## Tugas 8a

Kenapa RTO

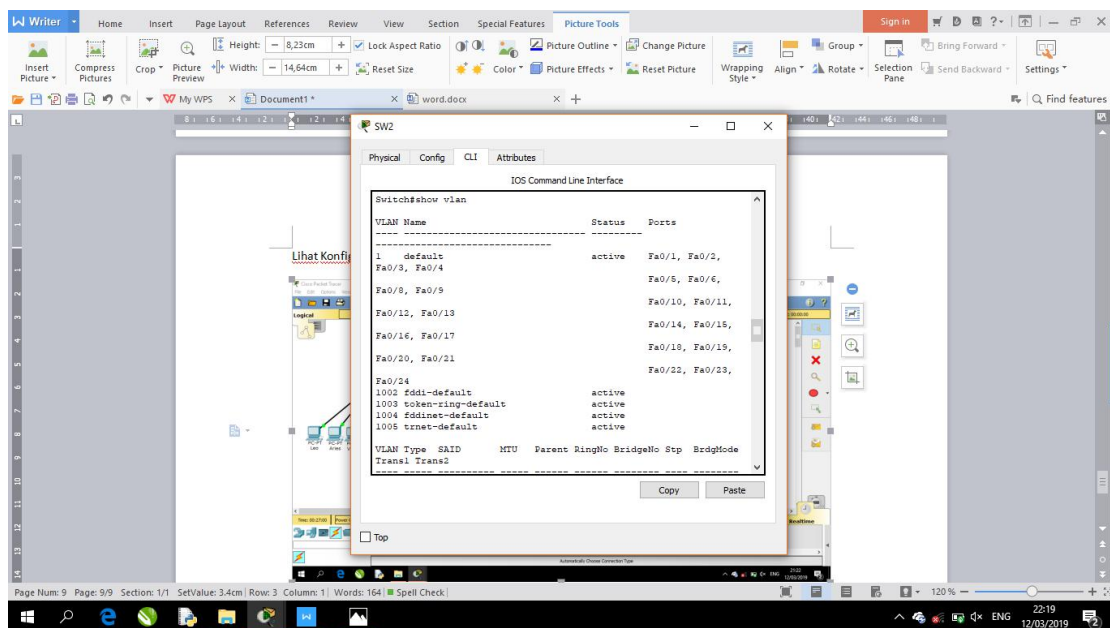
Karena Leo dan Pisces tidak satu VLAN

Konfigurasi Trunking pada SW2

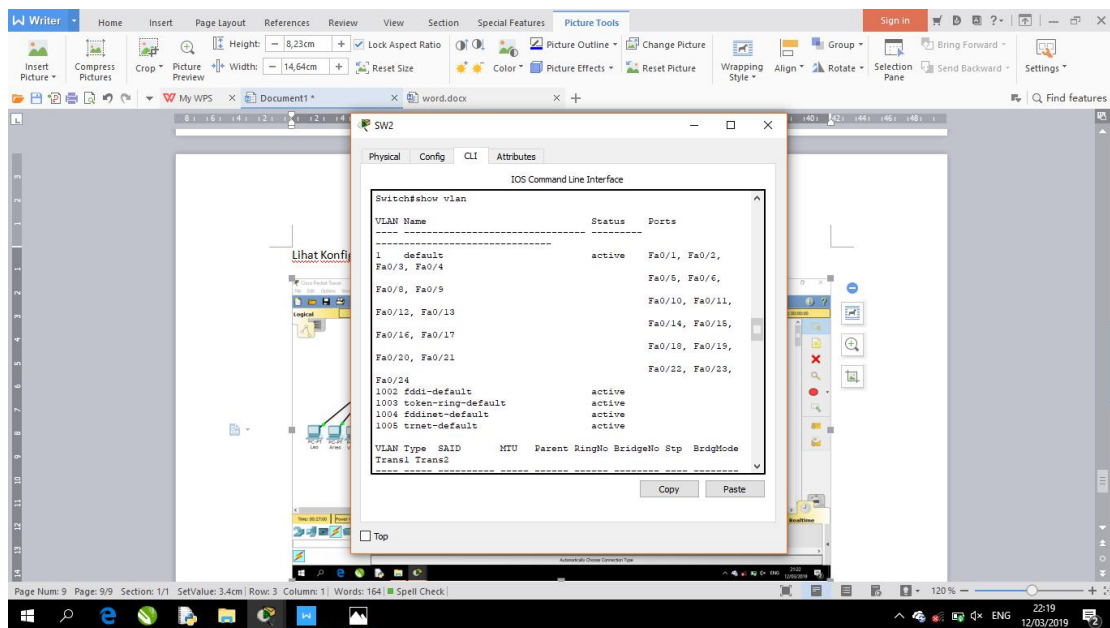




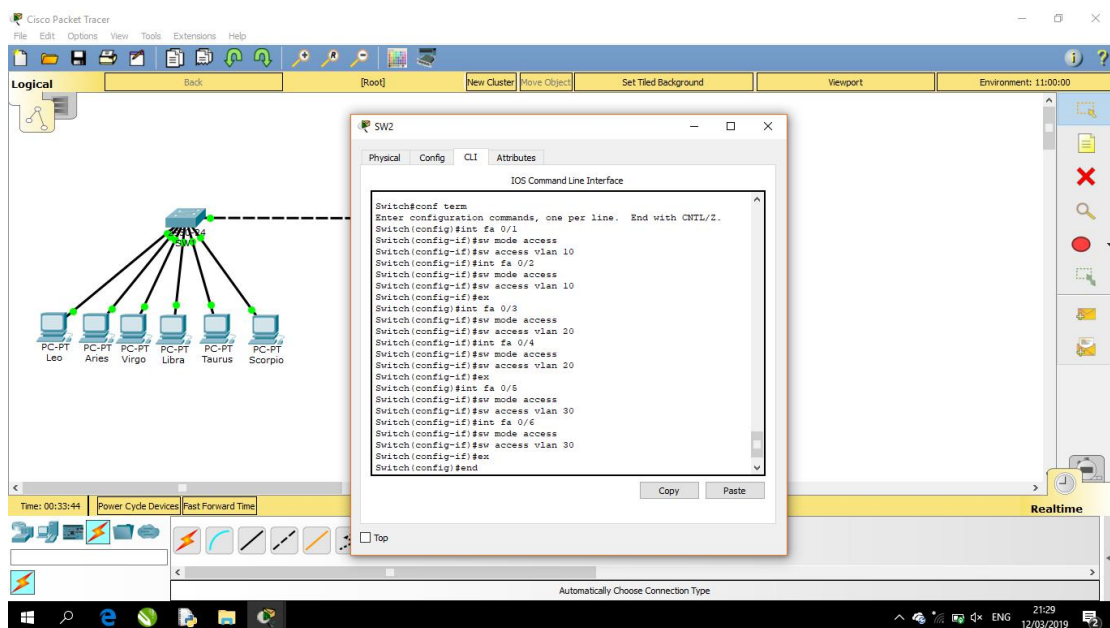
## Melihat Konfigurasi VLAN



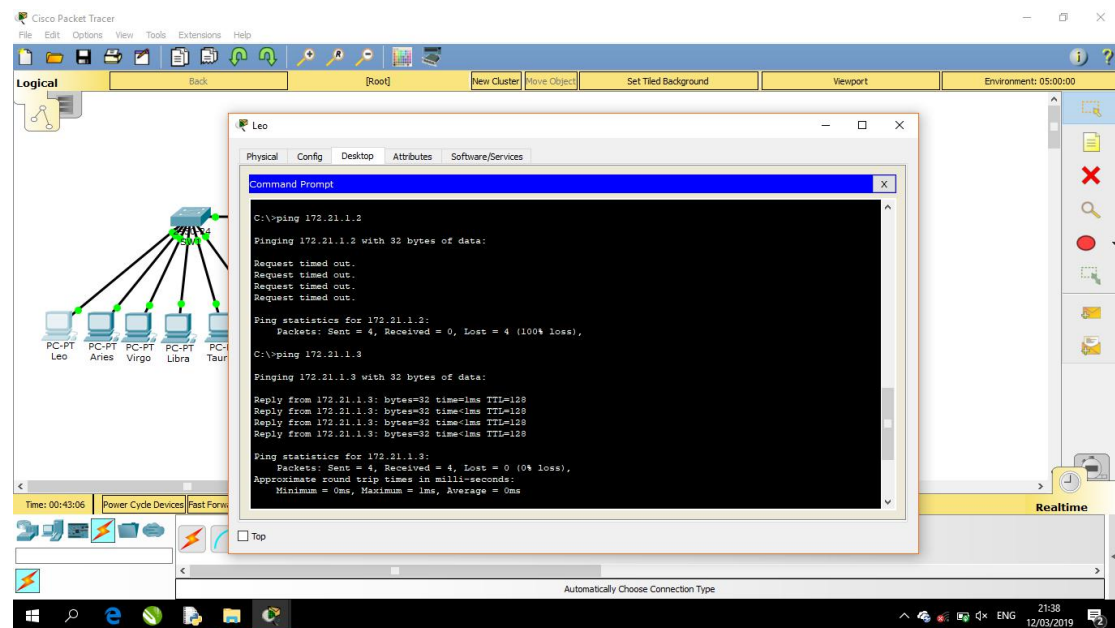
## Tugas 10a



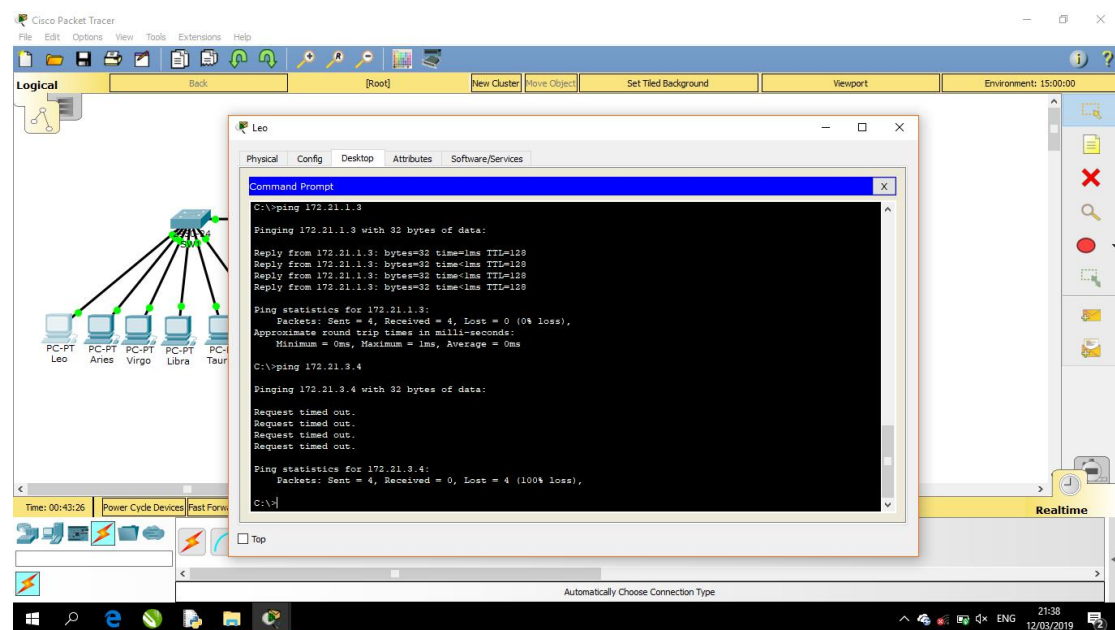
## Konfigurasi Port Port



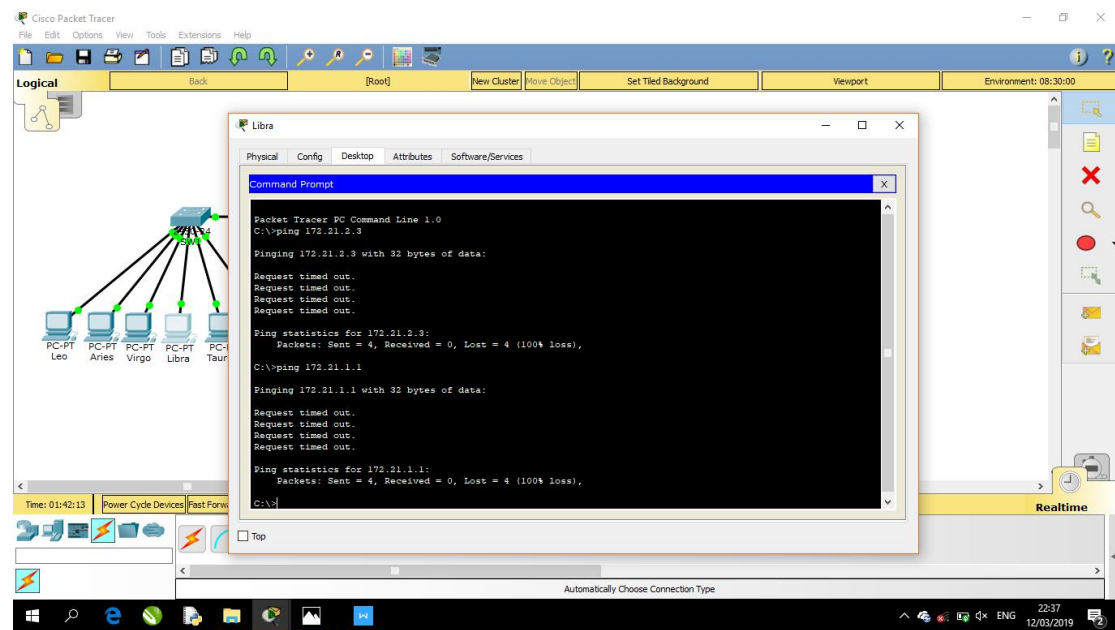
Ping dari Leo ke aries dan leo ke aquarius



Ping dari leo ke pisces



Ping dari libra ke cancer dan libra ke leo



## Tugas 12a

Hasil dari langka nomor 8 adalah RTO