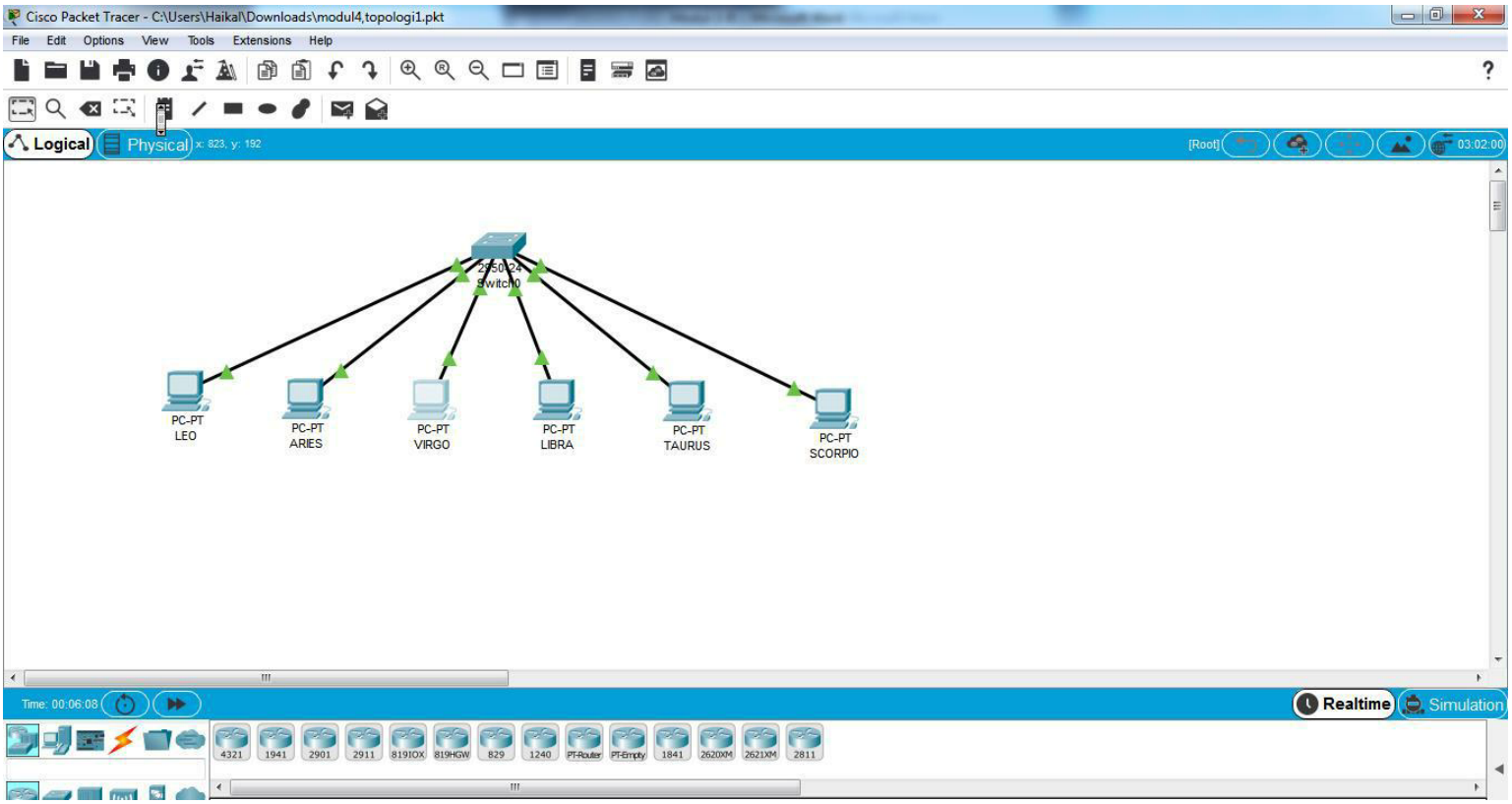
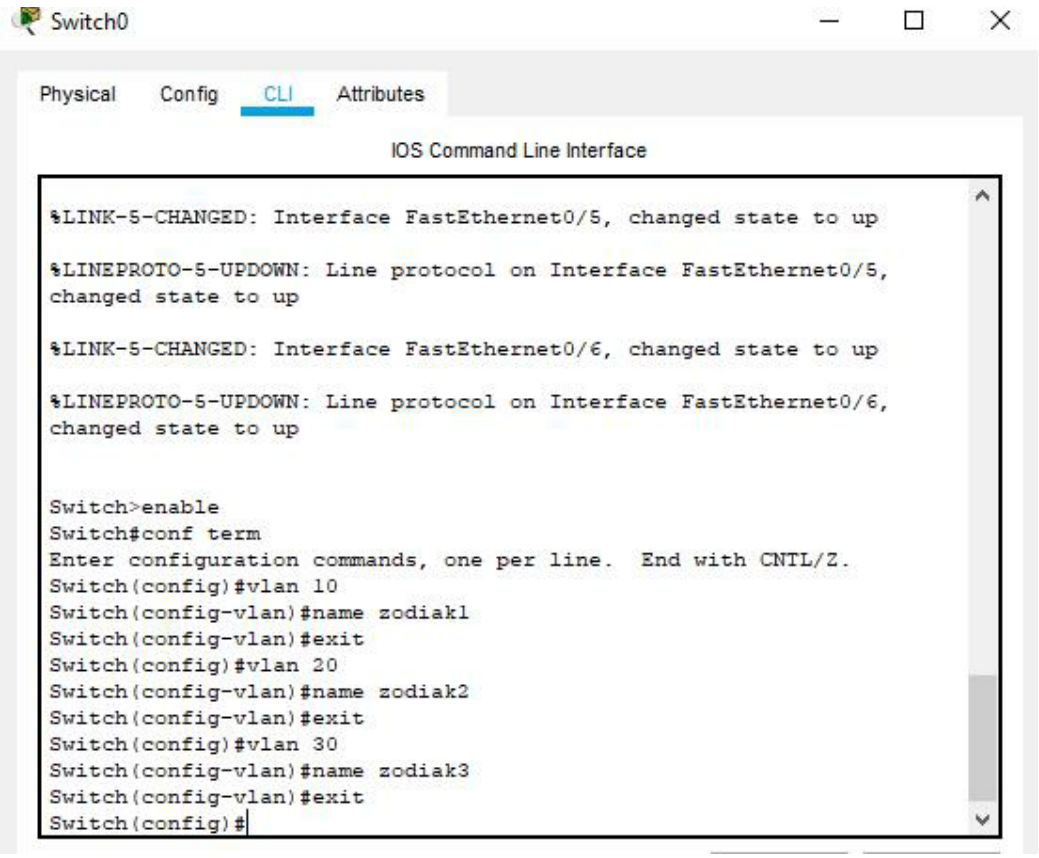
Nama : Dandung Rahmatdhan
NIM : L200170098
Kelas : C
Modul : IV

Kegiatan 1

1. Desain topologi, penamaan, dan penyetingan IP address

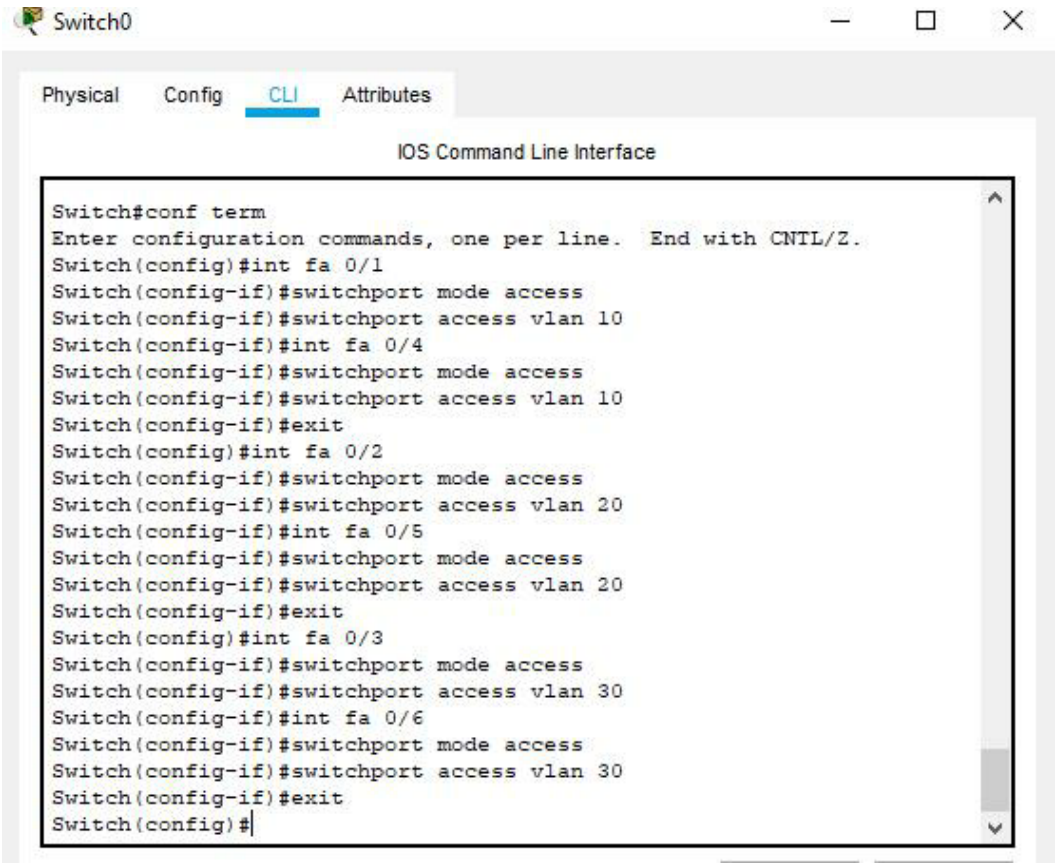


2. Konfigurasi pada switch untuk membuat 3 Vlan dengan nama zodiak1, zodiak2, dan zodiak3

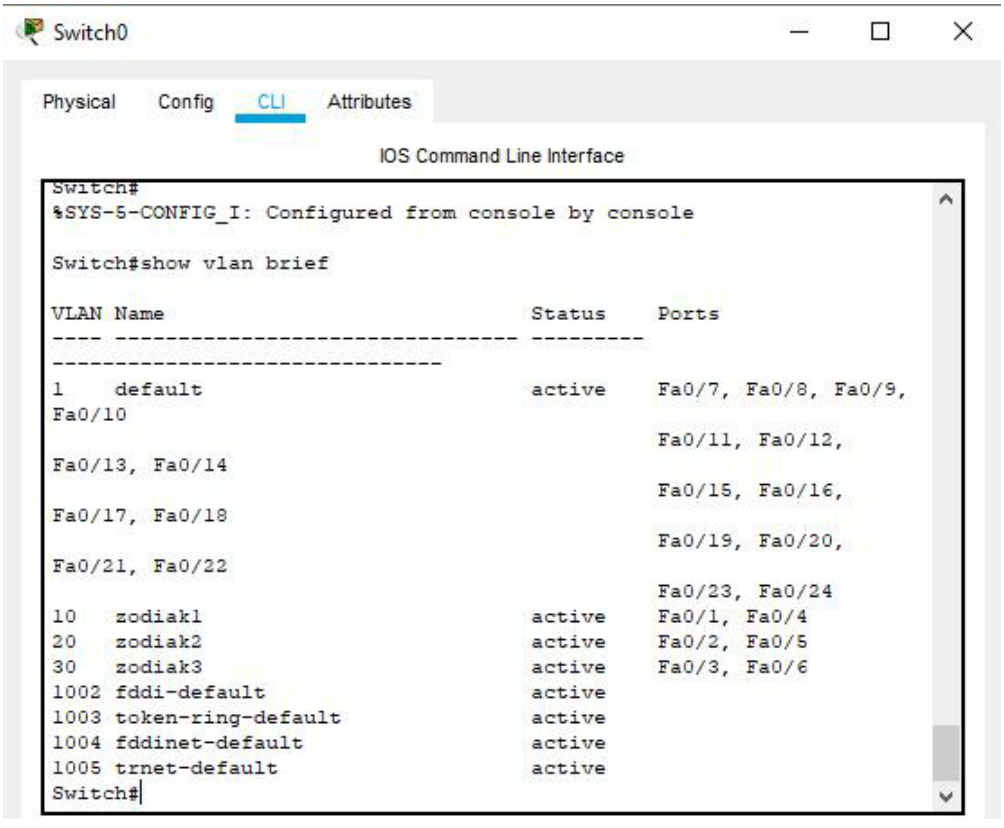


3. Konfigurasi port-port switch kedalam vlan zodiak1, zodiak2, dan zodiak3 dengan anggota sebagai berikut

- Zodiak1 = Leo dan Libra
- Zodiak2 = Aries dan Taurus
- Zodiak3 = Virgo dan Scorpio



4. Melihan konfigurasi yang telah dibuat



- Informasi vlan 10

```
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
```

- Informasi vlan 20

```
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
```

- Informasi vlan 30

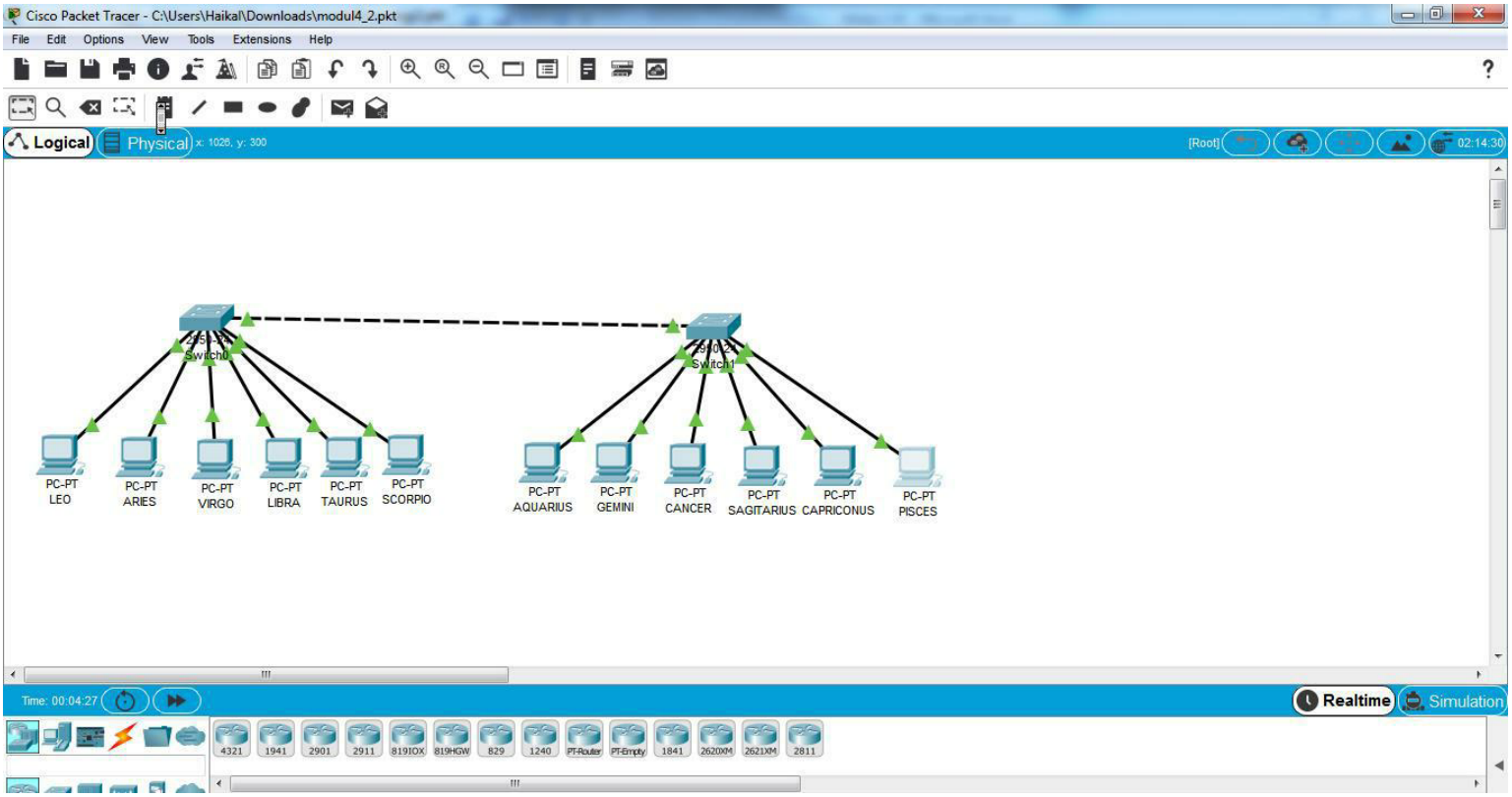
```
Switch#show vlan id 30

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
```

5. Table informasi tentang vlan

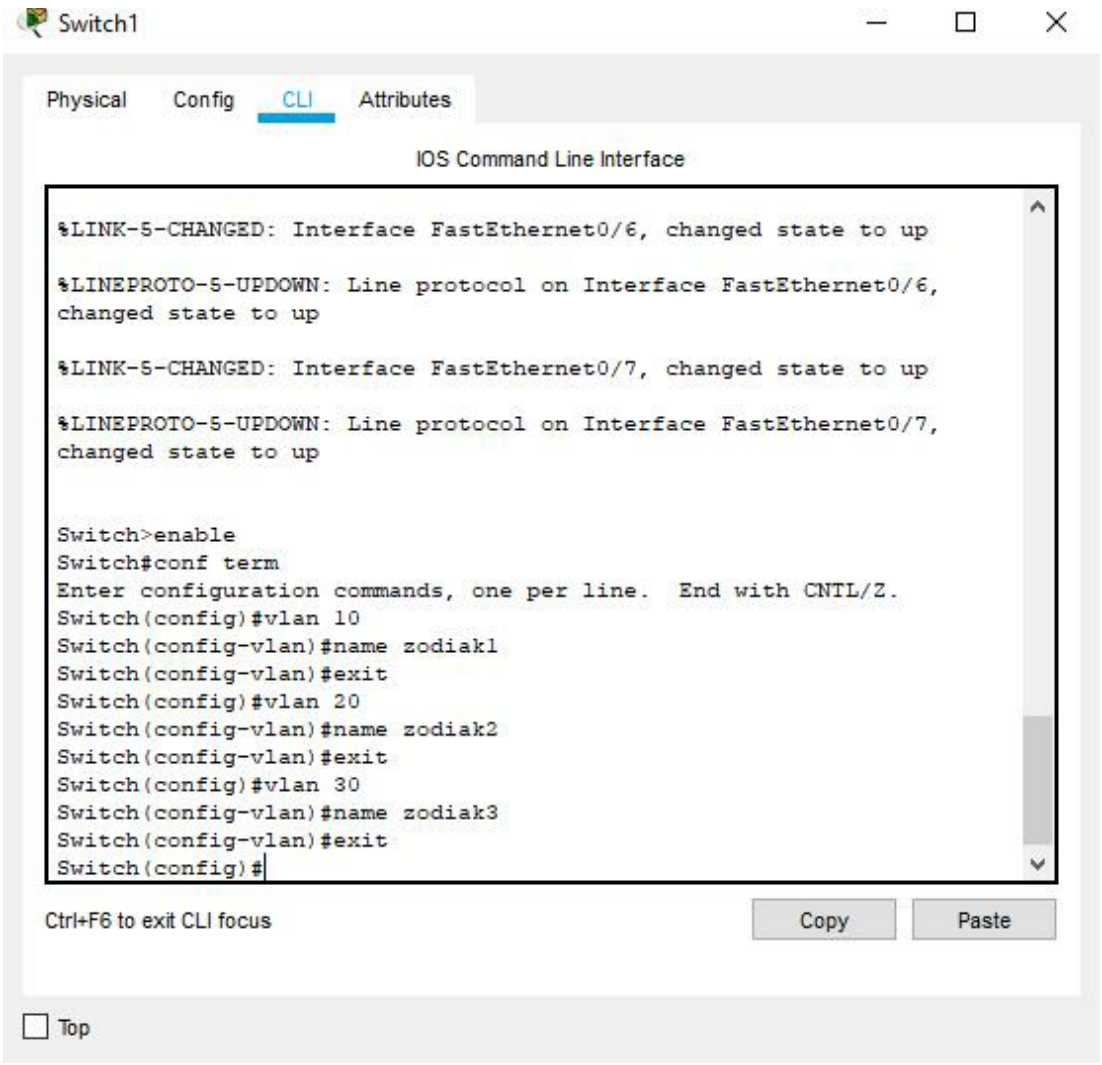
No	Variabel	Nilai		
1.	Nomer VLAN	10	20	30
2.	Nama VLAN	Zodiak1	Zodiak2	Zodiak3
3.	Port	Fa 0/1, Fa 0/4	Fa 0/2, Fa 0/5	Fa 0/3, Fa 0/6
4.	Status	Aktif	Aktif	Aktif

Kegiatan 2

1. Membuat topologi, menamai, dan menyeting IP address

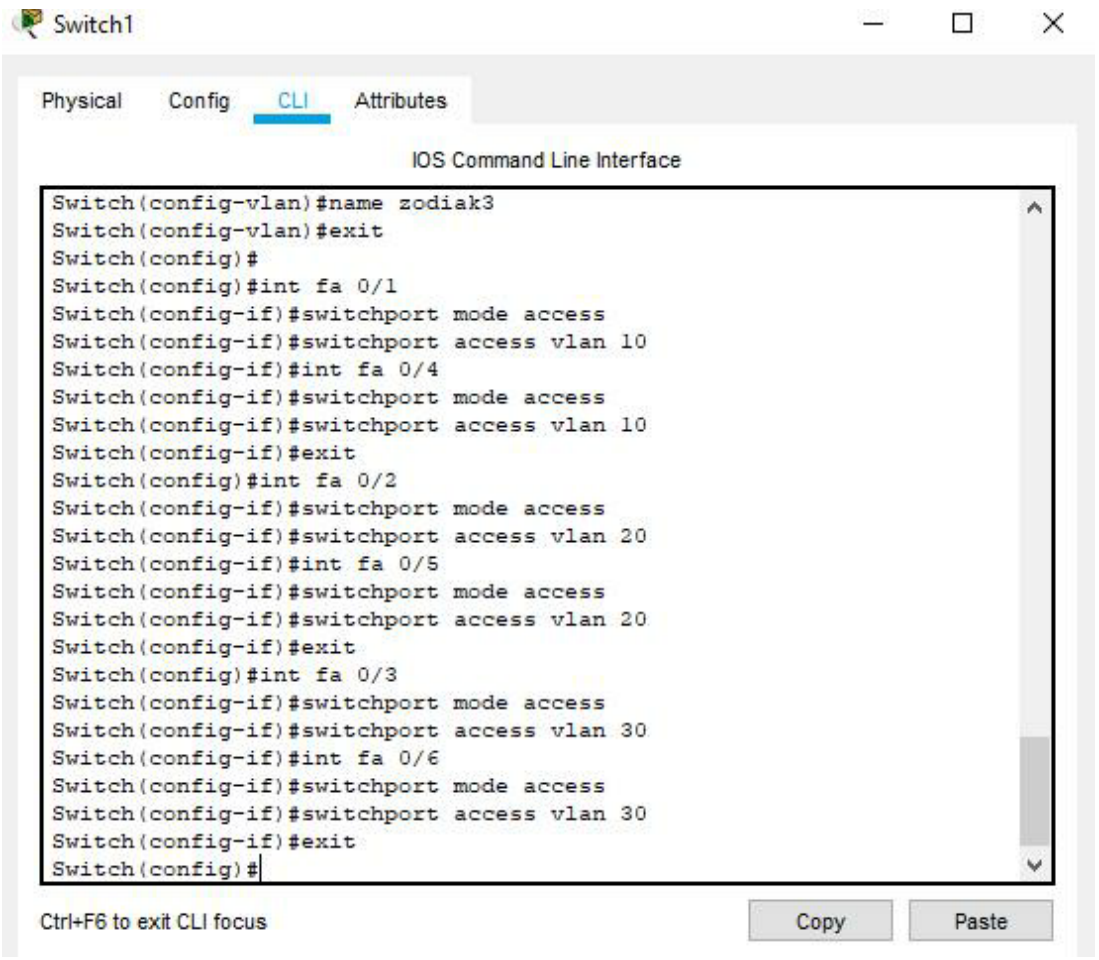


2. Konfigurasi pada switch untuk membuat 3 Vlan dengan nama zodiak1, zodiak2, dan zodiak3

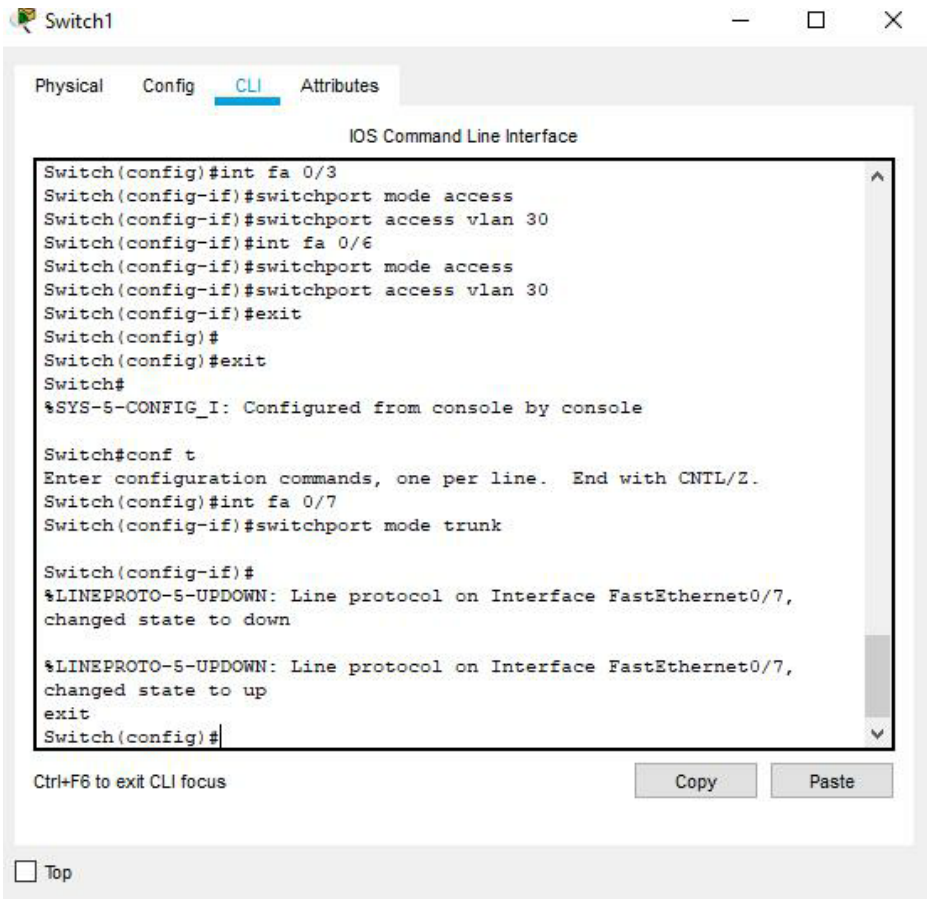


3. Konfigurasi port-port switch ke dalam vlan zodiak1, zodiak2, dan zodiak3 dengan anggota sebagai berikut,

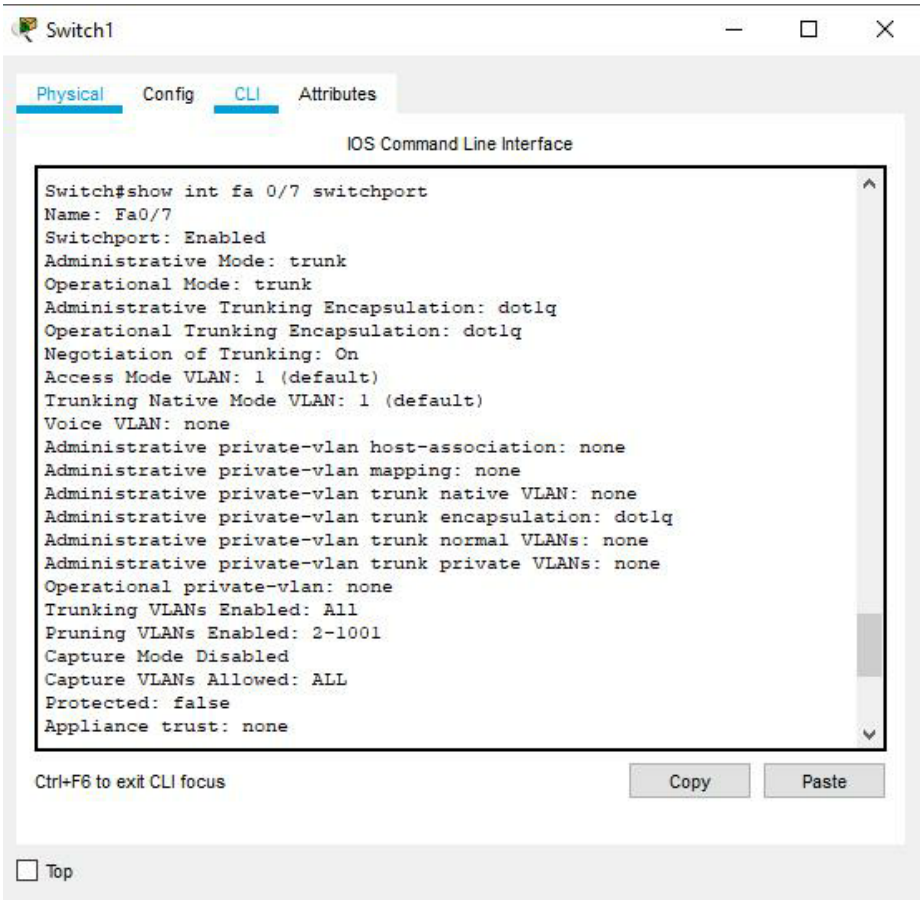
- Zodiak1 = leo, libra, aquarius, gemini
- Zodiak2 = aries, Taurus, cancer, sagitarius
- Zodiak3 = virgo, scorpio, carpricons, pisces

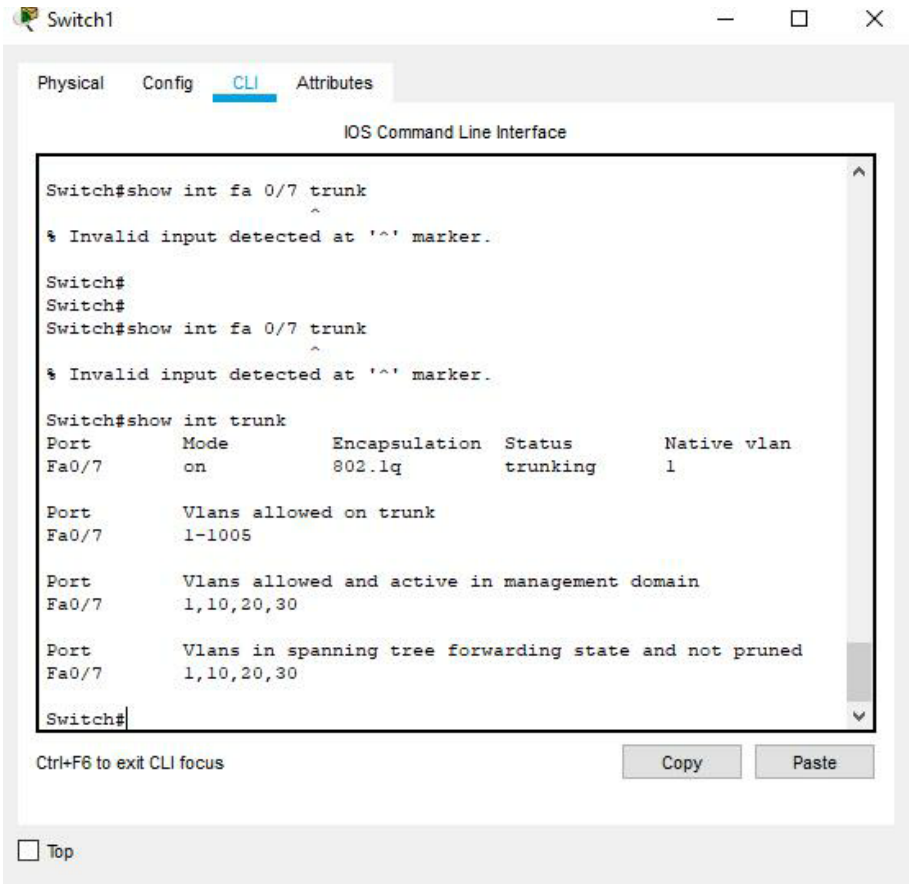


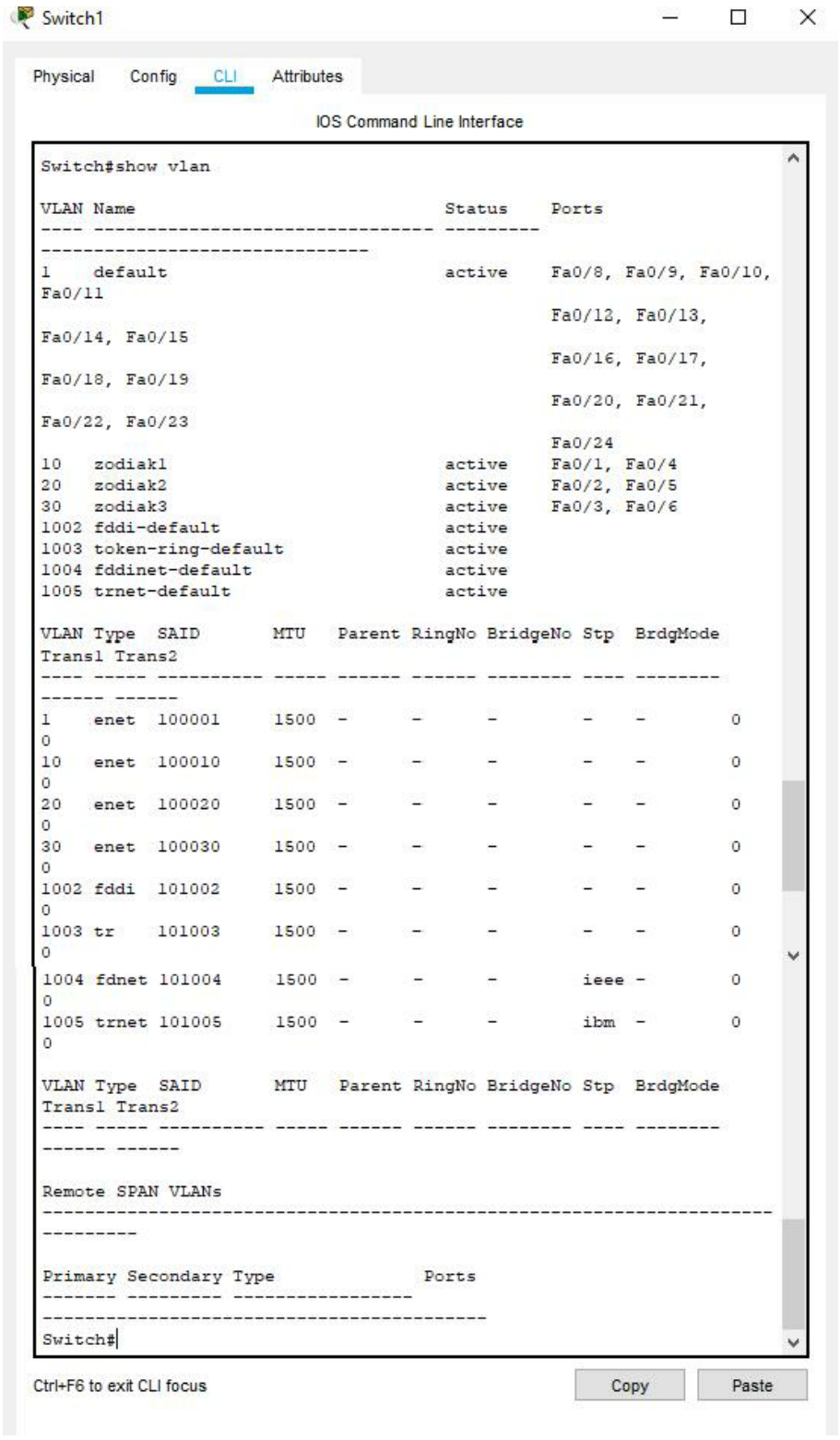
4. Konfigurasi VLAN trunking pada switch 1



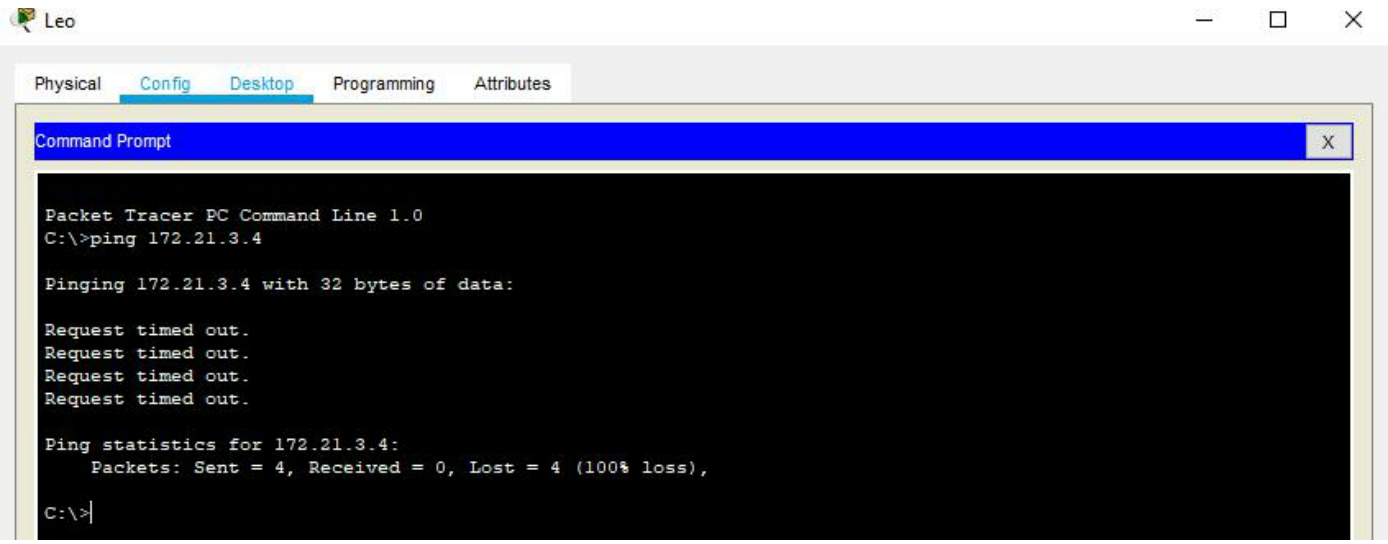
5. Melihat hasil konfigurasi trunking pada switch 1



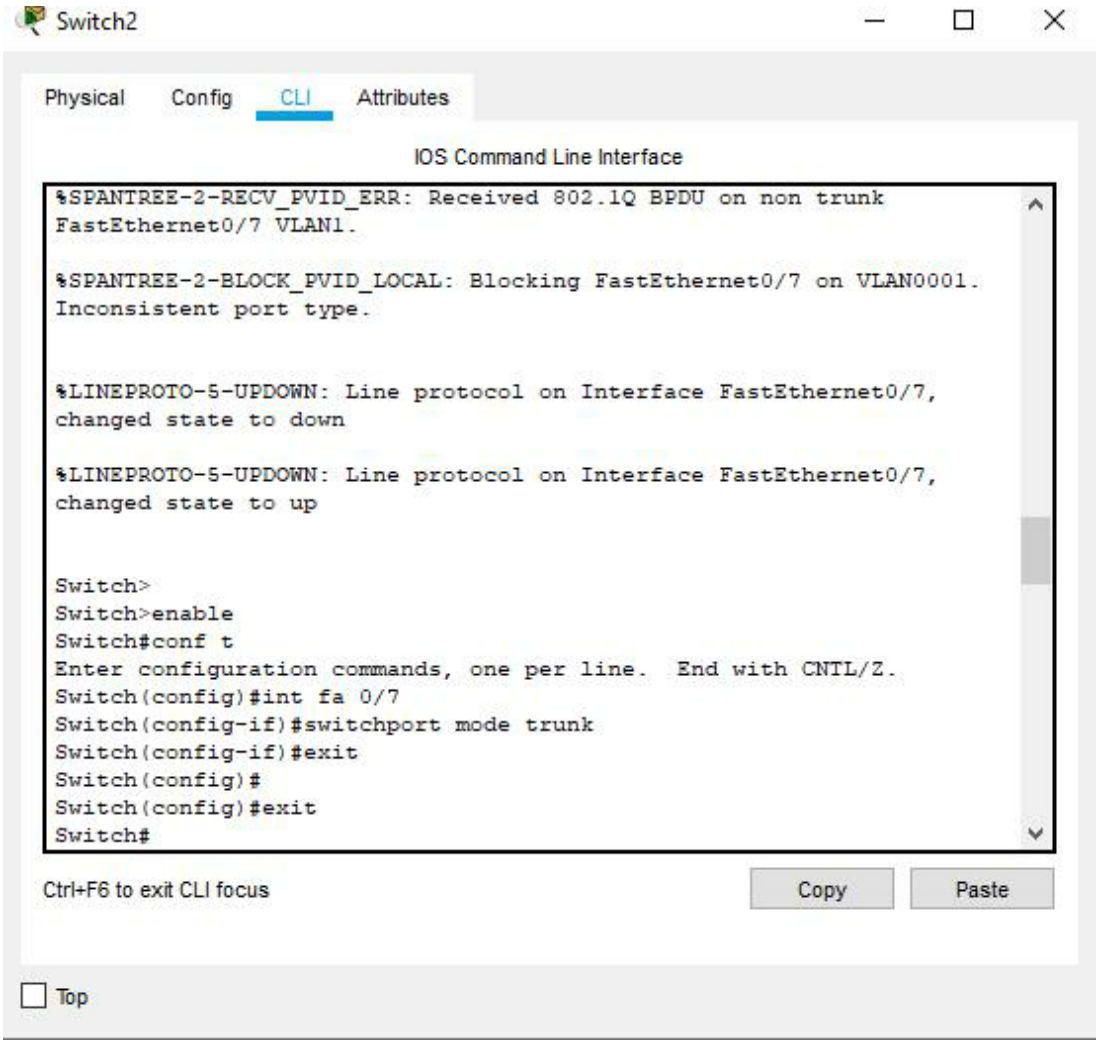

Switch1
Physical
Config
CLI
Attributes
IOS Command Line Interface
Switch#show int fa 0/7 trunk
^
% Invalid input detected at '^' marker.
Switch#
Switch#
Switch#show int fa 0/7 trunk
^
% Invalid input detected at '^' marker.
Switch#show int trunk
Port Mode Encapsulation Status Native vlan
Fa0/7 on 802.1q trunking 1
Port Vlans allowed on trunk
Fa0/7 1-1005
Port Vlans allowed and active in management domain
Fa0/7 1,10,20,30
Port Vlans in spanning tree forwarding state and not pruned
Fa0/7 1,10,20,30
Switch#
Ctrl+F6 to exit CLI focus
Copy
Paste
Top


Switch1
Physical
Config
CLI
Attributes
IOS Command Line Interface
Switch#show vlan
VLAN Name Status Ports
---- -------------------------------- --------- -------------------------------
1 default active Fa0/8, Fa0/9, 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
10 zodiak1 active Fa0/1, Fa0/4
20 zodiak2 active Fa0/2, Fa0/5
30 zodiak3 active Fa0/3, Fa0/6
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 Trans1 Trans2
---- ----- ---------- ----- ------ ------ -------- ---- -------- ------ ------
1 enet 100001 1500 - - - - - 0 0
10 enet 100010 1500 - - - - - 0 0
20 enet 100020 1500 - - - - - 0 0
30 enet 100030 1500 - - - - - 0 0
1002 fddi 101002 1500 - - - - - 0 0
1003 tr 101003 1500 - - - - - 0 0
1004 fdnet 101004 1500 - - - ieee - 0 0
1005 trnet 101005 1500 - - - ibm - 0 0
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
---- ----- ---------- ----- ------ ------ -------- ---- -------- ------ ------
Remote SPAN VLANs
Primary Secondary Type Ports
Switch#
Ctrl+F6 to exit CLI focus
Copy
Paste

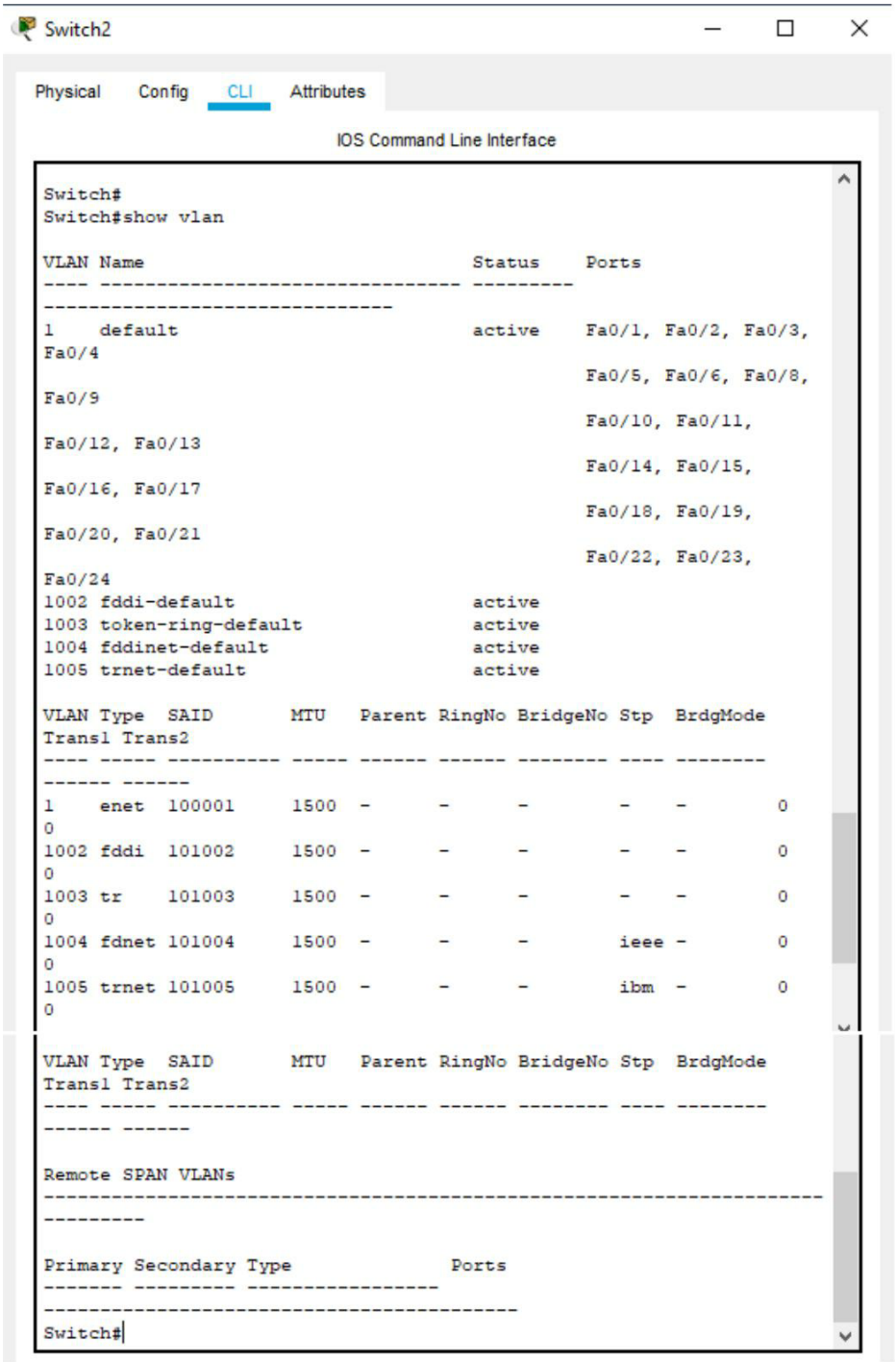
6. Uji coba ping antara PC leo dengan PC pisces



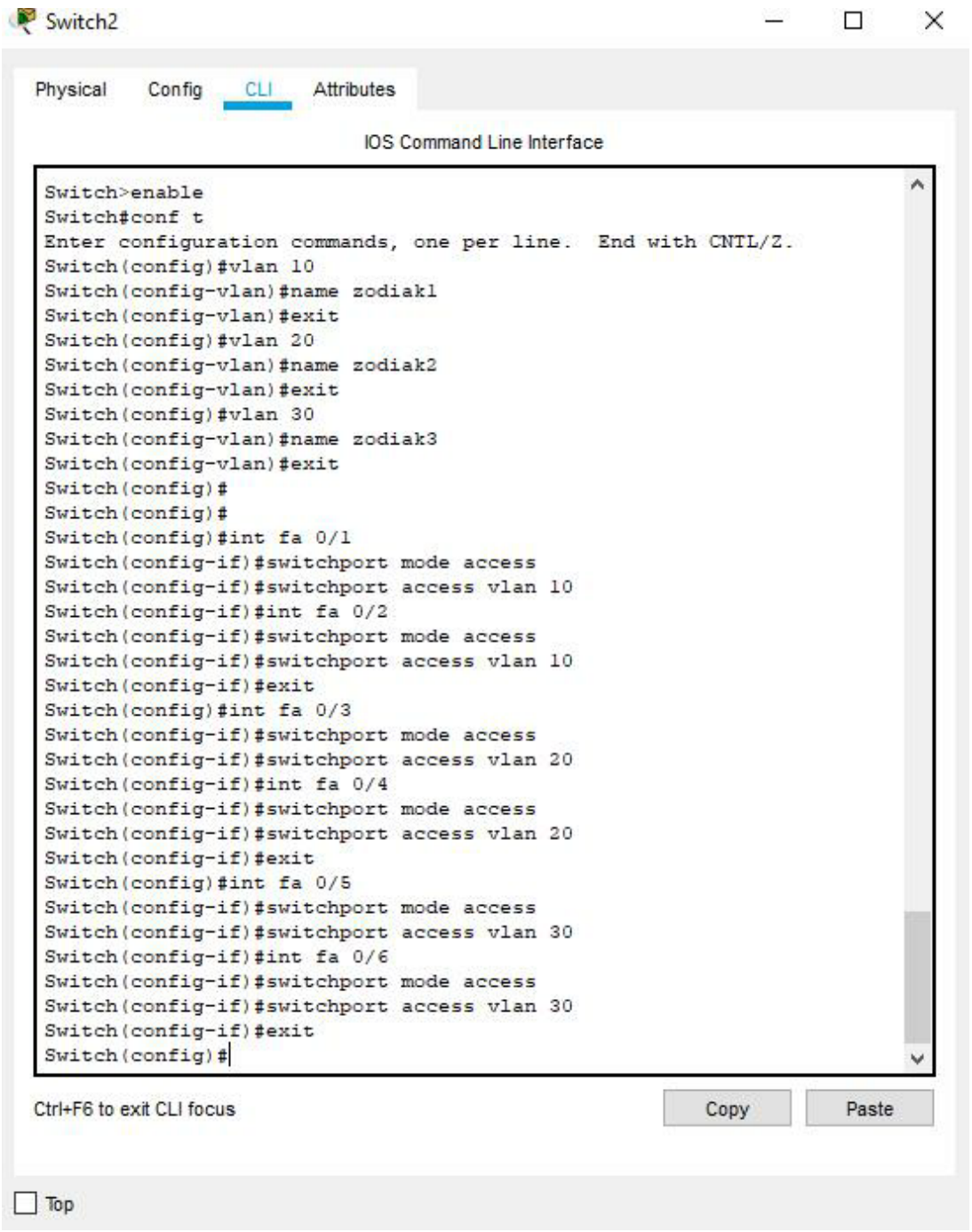
7. Konfigurasi VLAN trunking pada switch 2



8. Melihat hasil konfigurasi trunking pada switch 2

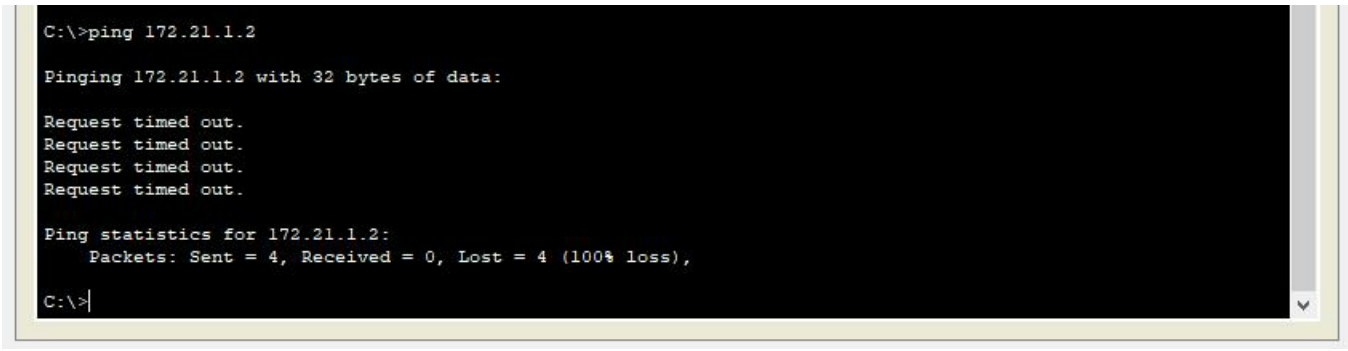


9. Konfigurasi port port kedalam VLAN zodiak1, zodiak2, dan zodiak3 dengan anggota sebagai berikut
   - Zodiak1 = leo, libra, aquarius, gemini
   - Zodiak2 = aries, Taurus, cancer, sagitarius
   - Zodiak3 = virgo, scorpio, carpricons, pisces

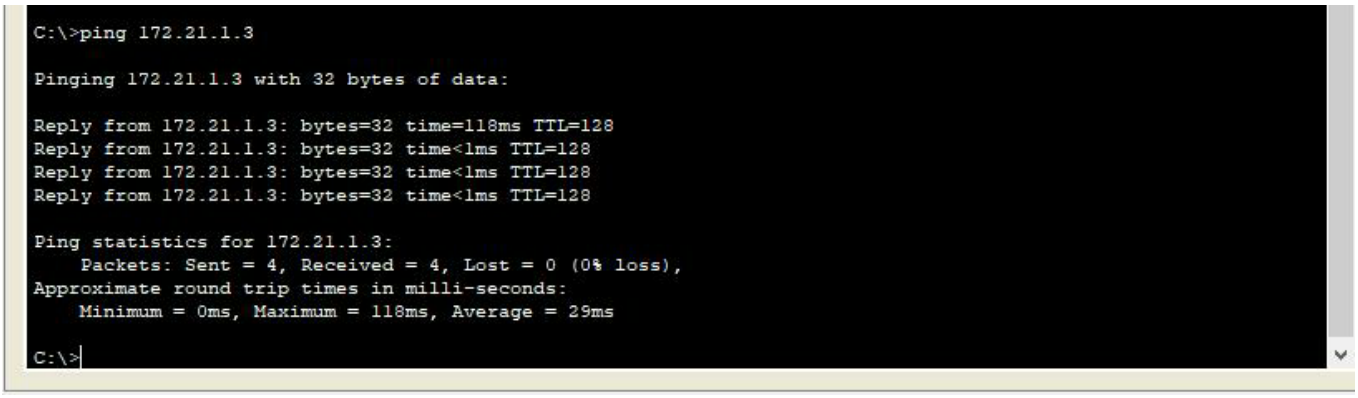


10. Uji coba ping

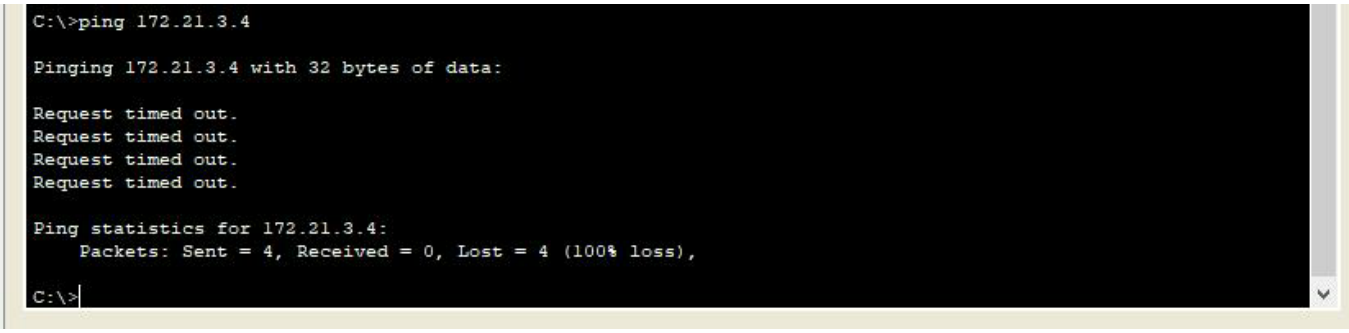
- PC leo ke PC aries



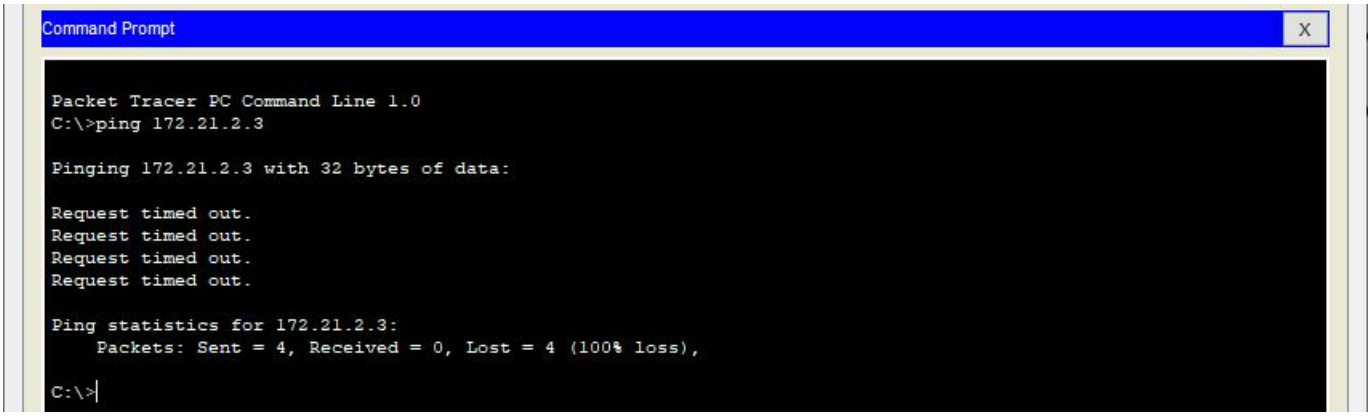
- PC leo ke PC aquarius



- PC leo ke PC pisces



- PC libra ke PC cancer



- PC libra ke PC leo