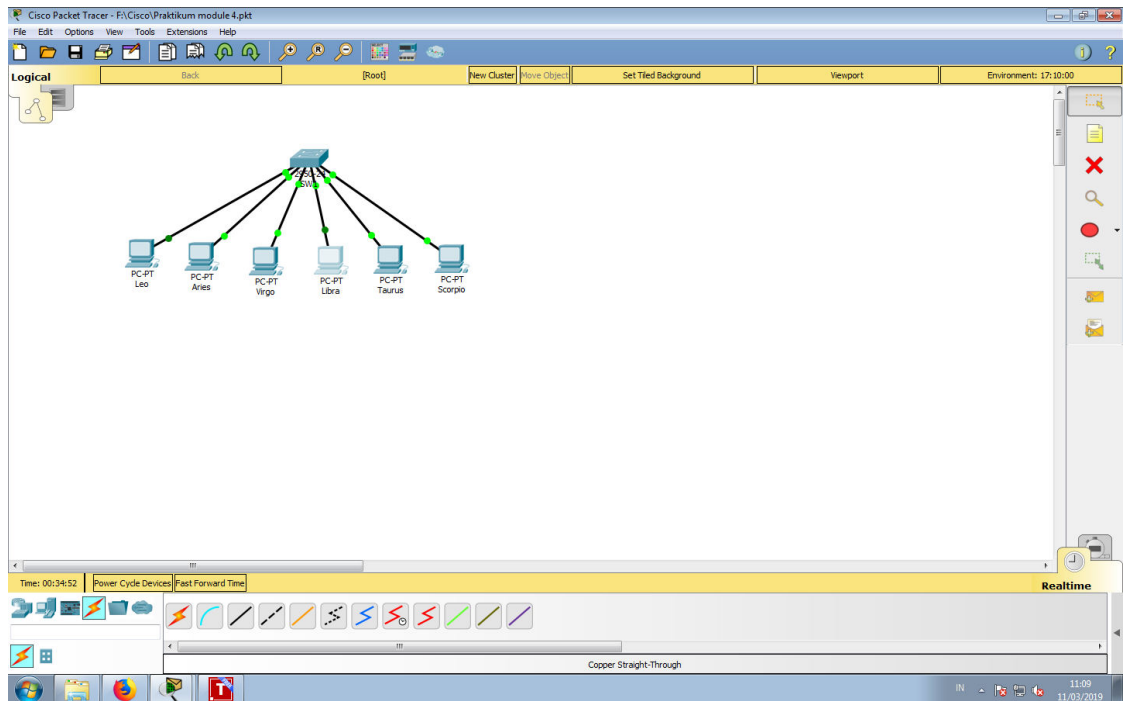Kegiatan Praktikum

Bagas Ivaniajie
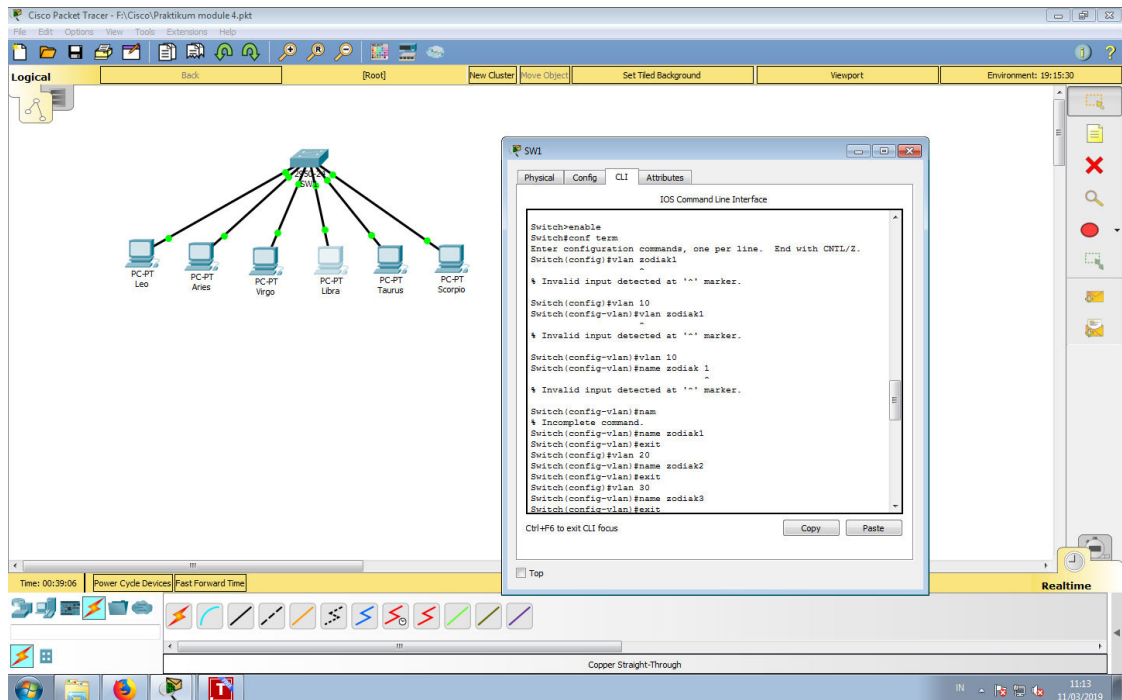L200170181

Kegiatan 1 Topologi 1
1. Menggunakan packet tracer

Ganti nama dan beri masing masing akses dan ganti masing masing ip tiap Nama

Leo = 172.21.1.1/24
Aries = 172.21.1.2/24
Virgo = 172.21.1.3/24
Libra = 172.21.1.4/24
Taurus = 172.21.1.5/24
Scorpio = 172.21.1.6/24

Konfigurasi setiap nama zodiak dengan masuk ke cli dan operasikan sebagai berikut

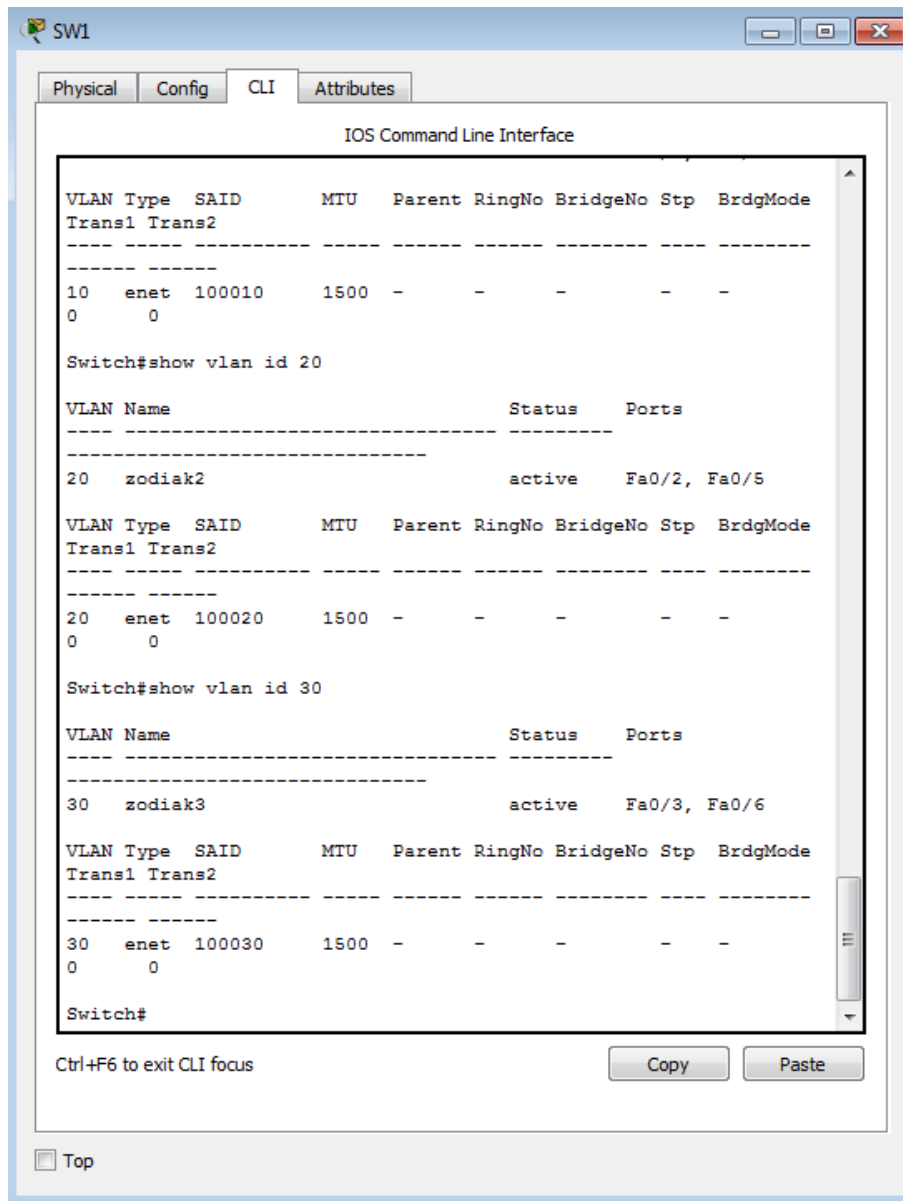Beri mode configuration untuk setiap access dengan masuk ke cli dengan cara
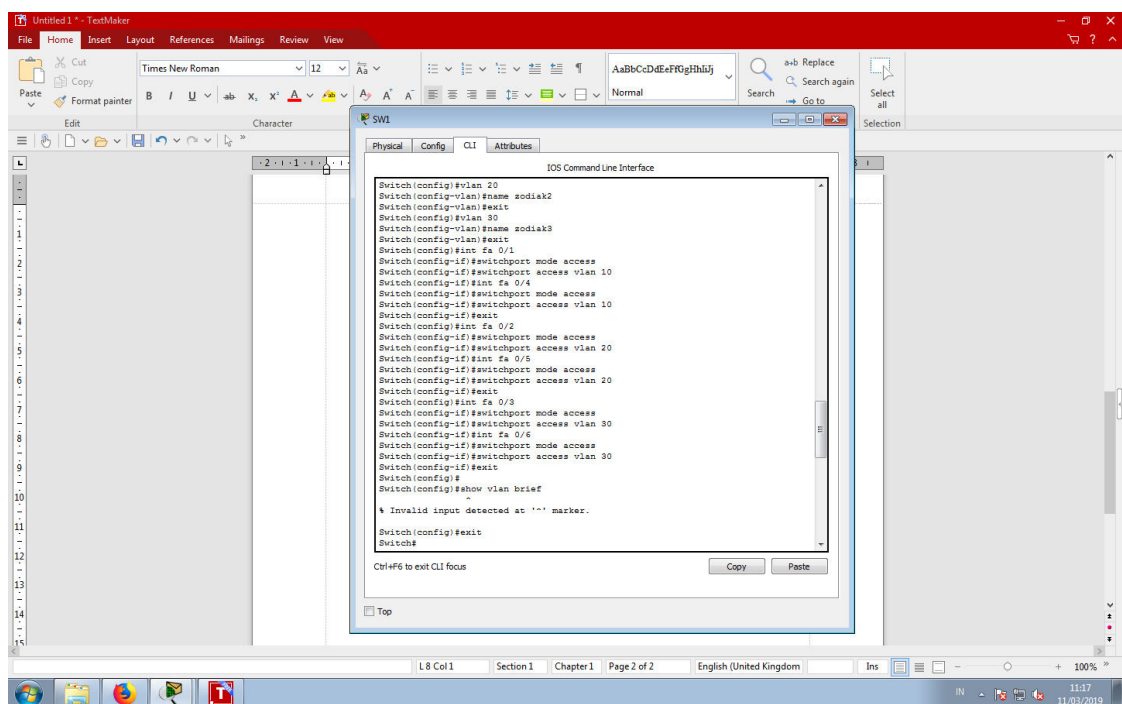
Di mode user / mode privileged lihat konfigurasu vlann yang telah dibuat

```
SW1                                                    [ - ] [ □ ] [ X ]

Physical   Config   CLI   Attributes

                     IOS Command Line Interface

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

Switch#

Ctrl+F6 to exit CLI focus              [ Copy ]    [ Paste ]

[ ] Top
```

dan isi tabel

NO	Variabel	Nilai
1	Nomor Vlan	10
2	Nama Vlan	Zodiak1
3	Port	Fa 0/1, Fa 0/4
4	Status	active

NO	Variabel	Nilai
1	Nomor Vlan	20
2	Nama Vlan	Zodiak2
3	Port	Fa 0/2, Fa 0/5
4	Status	active

NO	Variabel	Nilai
1	Nomor Vlan	30
2	Nama Vlan	Zodiak3
3	Port	Fa 0/3, Fa 0/6
4	Status	active

Kegiatan 2 Topologi 2

1.Gambar rangkain
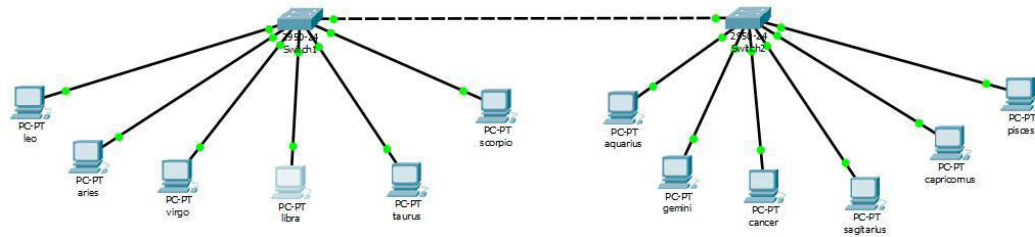
Tugas 7A

```
Switch>show interface fa 0/1 switchport
Name: Fa0/1
Switchport: Enabled
Administrative Mode: static access
Operational Mode: static access
Administrative Trunking Encapsulation: dotlq
Operational Trunking Encapsulation: native
Negotiation of Trunking: Off
Access Mode VLAN: 10 (zodiak1)
Trunking Native Mode VLAN: 1 (default)
Voice VLAN: none
Administrative private-vlan host-association: none
Administrative private-vlan mapping: none
Administrative private-vlan trunk native VLAN: none
Administrative private-vlan trunk encapsulation: dotlq
Administrative private-vlan trunk normal VLANs: none
Administrative private-vlan trunk private VLANs: none
Operational private-vlan: none
Trunking VLANs Enabled: ALL
Pruning VLANs Enabled: 2-1001
Capture Mode Disabled
Capture VLANs Allowed: ALL
Protected: false
Appliance trust: none
```

Tugas 10A

Hasil ping adalah request time out

```
VLAN Name                             Status    Ports
---- -------------------------------- --------- -------------------------------
1    default                          active    Fa0/2, Fa0/3, Fa0/4, Fa0/5
                                                Fa0/6, Fa0/7, 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
1002 fddi-default                     act/unsup
1003 token-ring-default               act/unsup
1004 fddinet-default                  act/unsup
1005 trnet-default                    act/unsup

VLAN Type  SAID       MTU   Parent RingNo BridgeNo Stp  BrdgMode Trans1 Trans2
---- ----- ---------- ----- ------ ------ -------- ---- -------- ------ ------
1    enet  100001     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

 --More--
%CDP-4-NATIVE_VLAN_MISMATCH: Native VLAN mismatch discovered on FastEthernet0/1 (1), with Switch FastEthernet0/1 (10).
VLAN Type  SAID       MTU   Parent RingNo BridgeNo Stp  BrdgMode Trans1 Trans2
---- ----- ---------- ----- ------ ------ -------- ---- -------- ------ ------
```

Tugas 12A

Hasil dari ping yang dilakukan rto atau request time out pada semua pc yang di tentukan