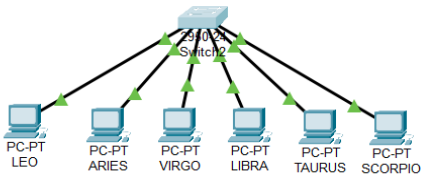
Nama: Ahmad fikri alqhozali

NIM : L200180166

Nb: maaf telat kirim tugas pak & mas/mba semoga masih bisa di maklumi

Kegiatan 1



Sesuai keterangan di buku modul sudah di terapkan dan hasil nya seperti ini

```
%SYS-5-CONFIG_I: Configured from console by console

Switch#en
Switch#show vlan brief

VLAN Name                              Status    Ports
---- --------------------------------- --------- -------------------------------
1    default                           active    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
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
Switch#
```

Disini tertera semua vlan yang telah dikonfigurasi tadi yang menghasilkan data: **TUGAS 6A**

Vlan number	Vlan name	Vlan ports	Status
10	Zodiak1	Fa0/1, Fa0/4	Active
20	Zodiak2	Fa0/2, Fa0/5	Active
30	Zodiak3	Fa0/3, Fa0/6	Active

Lalu untuk masing show vlan nya mengasilkan seperti berikut ini

- Show vlan id 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

Switch#
```

- Show vlan id 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

Switch#
```

- Show vlan id 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

Switch#
```

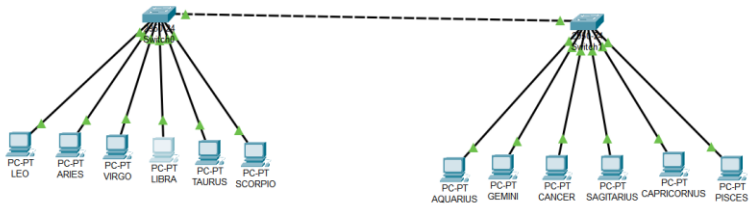
- Show vlan id 40

```
Switch#show vlan id 40
VLAN id 40 not found in current VLAN database
Switch#
```

Not found karena belum disetting

Tugas 6B : mengelompokkan ip kedalam beberapa group vlan untuk tetap menjaga trafik di vlan lain

Kegiatan 2 :



Konfigurasi telah dilakukan semua dan menghasilkan data sebagai berikut :

Tugas 7A:

1. Dari konfigurasi ip dan mengelompokkan beberapa ip di zodiak yang berbeda Lalu melakukan konfigurasi trunk dan mengashilkan seperti berikut:

Physical Config CLI Attributes

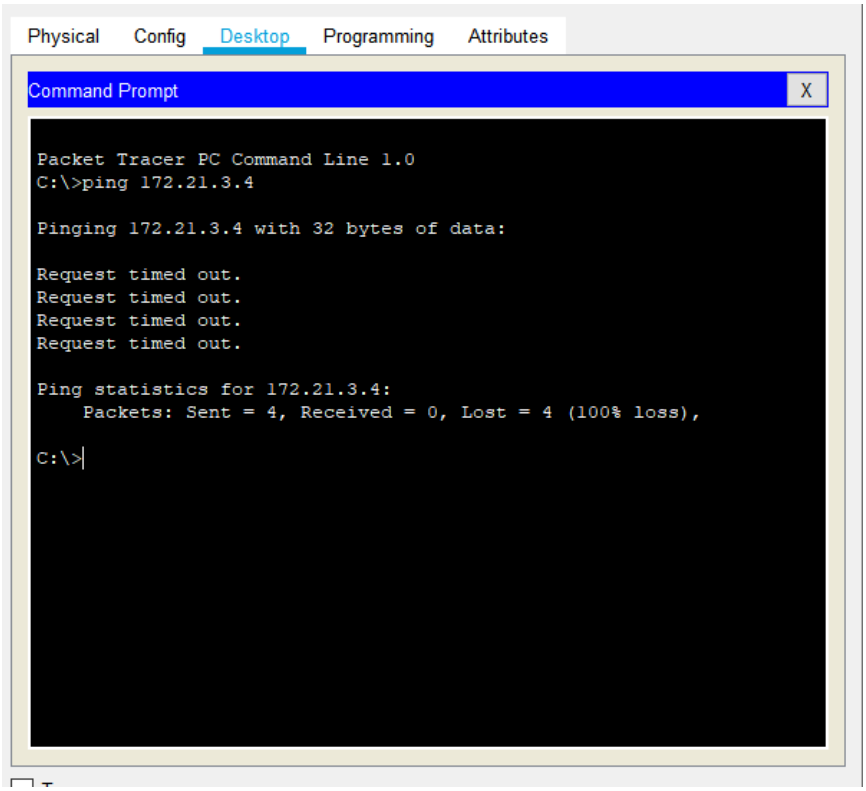
IOS Command Line Interface

```
changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1,
changed state to up

Switch(config-if)#exit
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console

Switch#show int trunk
Port        Mode         Encapsulation  Status        Native vlan
Fa0/1       on           802.1q         trunking      1

Port        Vlans allowed on trunk
Fa0/1       1-1005

Port        Vlans allowed and active in management domain
Fa0/1       1,10,20,30

Port        Vlans in spanning tree forwarding state and not
pruned
Fa0/1       1,10,20,30

Switch#
```

Di switch 1 terhubung dengan port 1 / fa 0/1 berhasil di trunking

Tugas 8A:

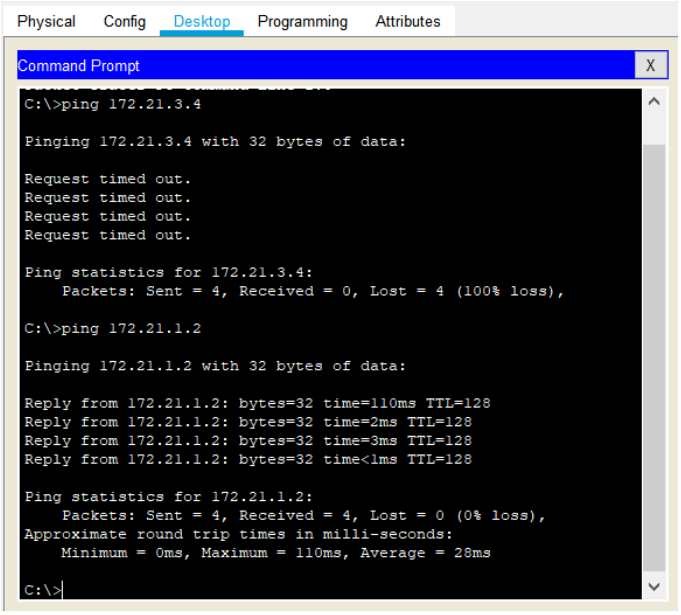
1. Hasil yang di dapatkan adalah status rto karena dia memiliki ip yang berbeda dan belum di trunking switch 2



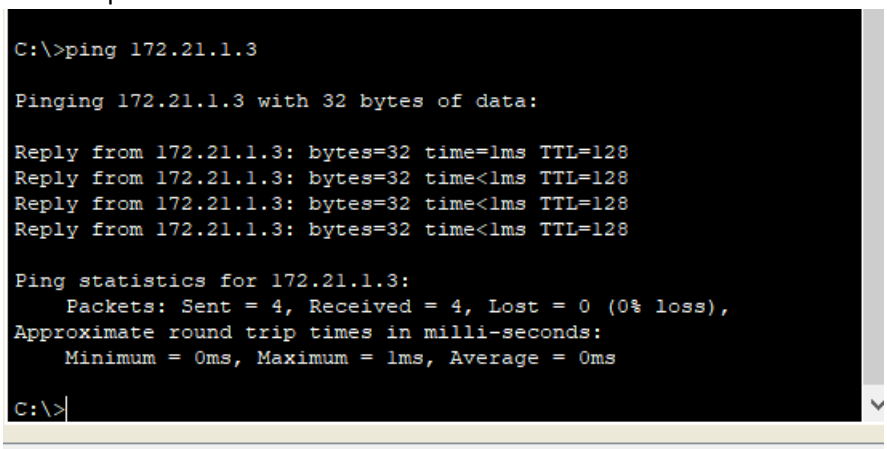
Tugas 10A : Setelah switch 2 dikonfigurasi trunking maka hasil sukses di trunking untuk switch 2

Tugas 12A: setelah konfigurasi dan mengetes maka hasil nya seperti berikut:

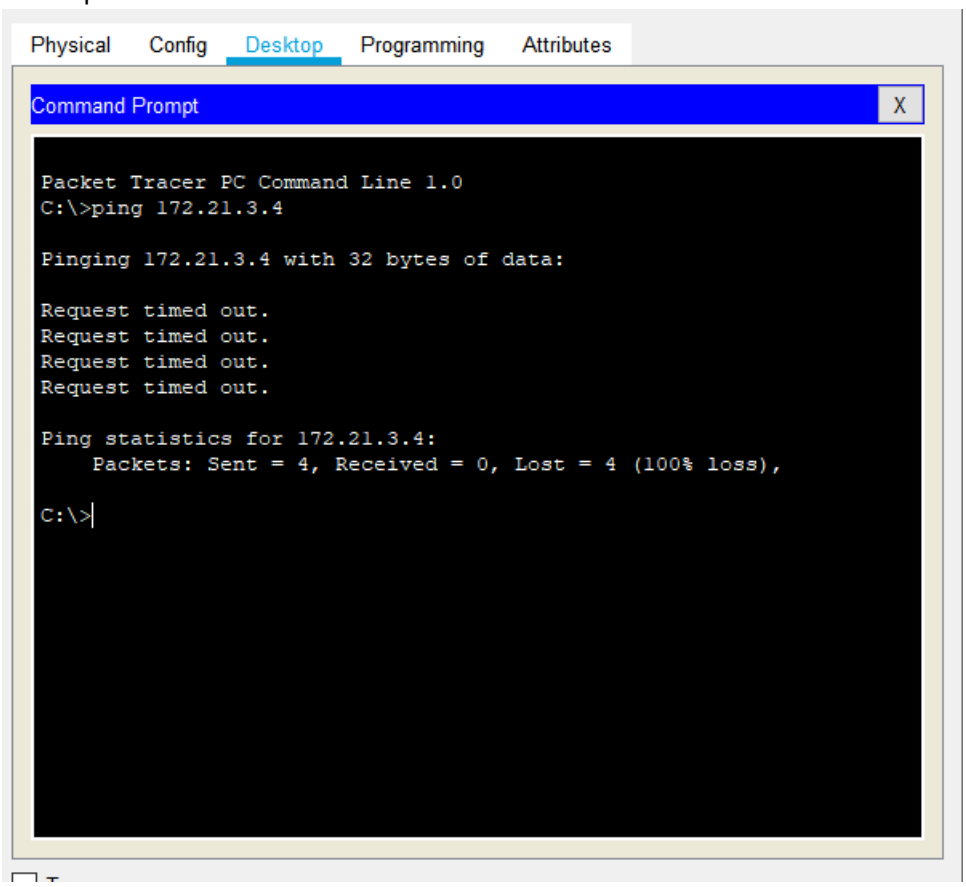
1. Leo to aries



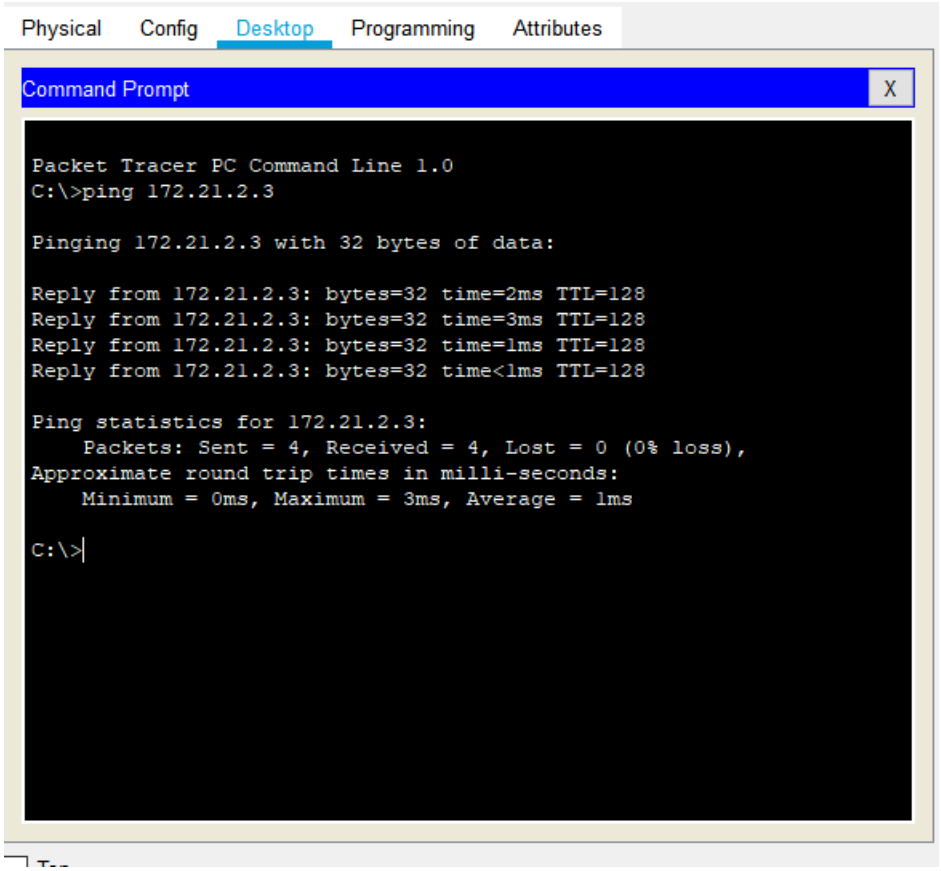
2. Leo to aquarius



3. Leo to pisces



4. Libra to cancer



5. Libra to leo