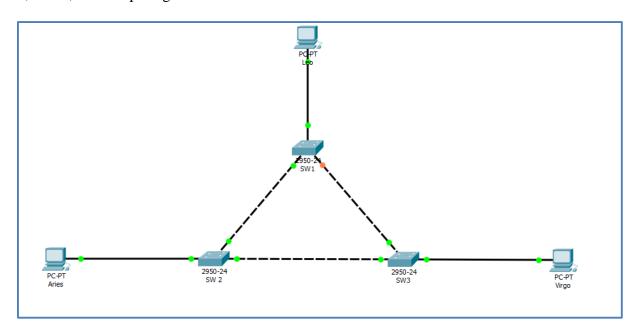
### LAPORAN PRAKTIKUM JARKOM MODUL VI SPANNING TREE PROTOCOL

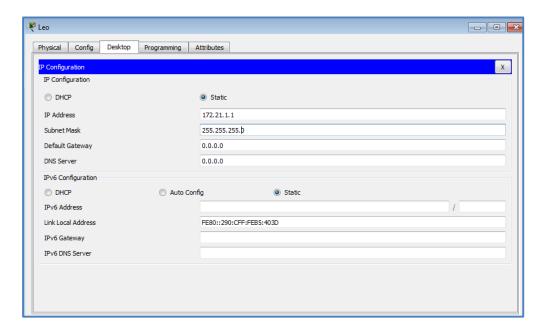
## Kegiatan1.Topologi 1

1. Membuat topologi dengan packet tracer,dan beri nama masing-masing switch dengan SW 1, SW 2, SW 3 seperti gambar dibawah ini.

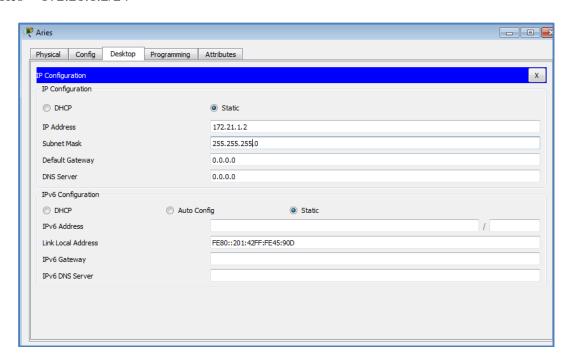


- 2. Konfigurasi masing-masing PC dengan alamat IP:
- a. Leo = 172.21.1.1/24

A

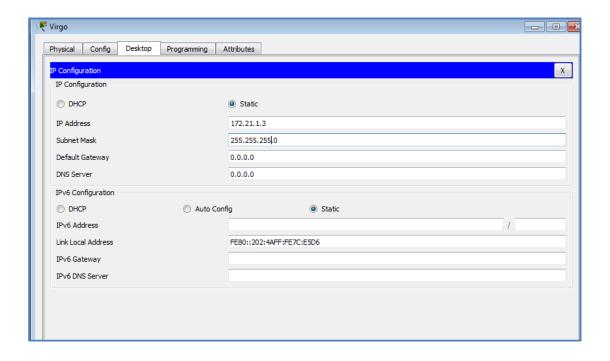


b. Aries = 172.21.1.2/24



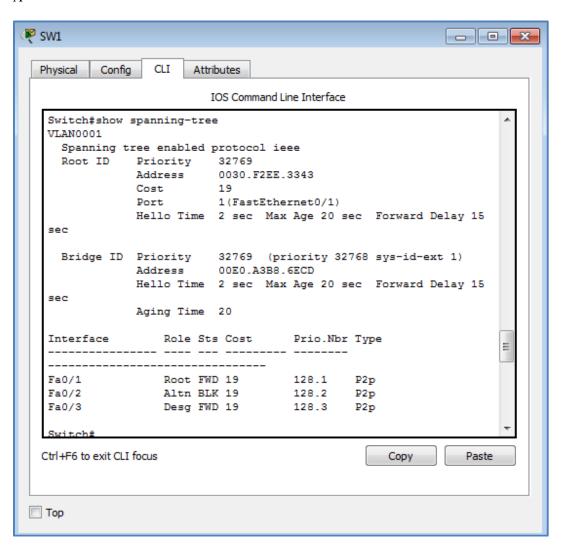
c. Virgo = 172.21.1.3/24

Α



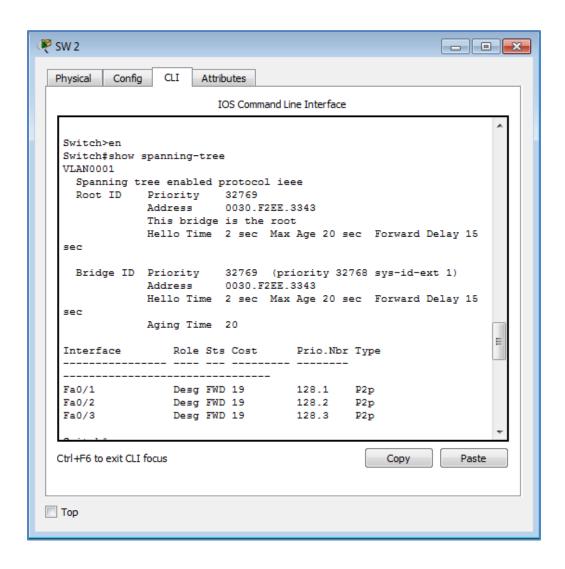
- 3. Melihat status STP pada masing-masing switch.
- a. SW 1

Α



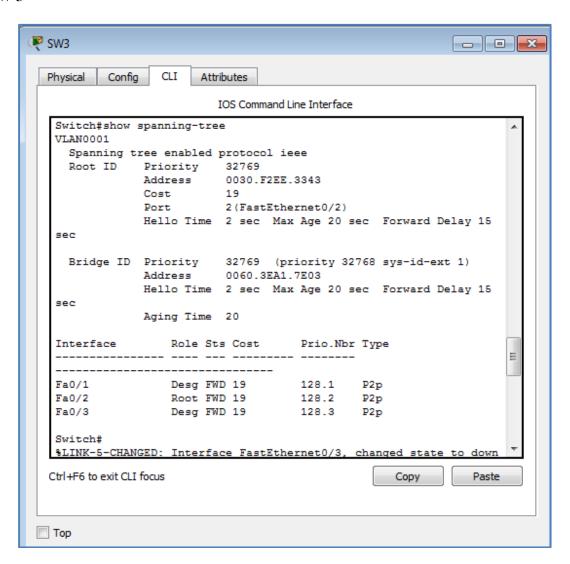
Α

b. SW 2



Α

#### c. SW 3



A

#### SW1

No	Variabel	Nilai
1	Root ID	
2	Priority	32769
3	MAC Adrress	0030.F2EE.3343
4	Bridge ID	
5	Cost(0/1;0/2;0/3)	19;19;19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15

#### SW2

No	Variabel	Nilai
1	Root ID	
2	Priority	32769
3	MAC Adrress	0030.F2EE.3343
4	Bridge ID	
5	Cost(0/1;0/2;0/3)	19;19;19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15

#### SW3

No	Variabel	Nilai
1	Root ID	
2	Priority	32769
3	MAC Adrress	0030.F2EE.3343
4	Bridge ID	
5	Cost(0/1;0/2;0/3)	19;19;19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15

Pada kondisi default tersebut mana saja.

Menjadi root bridge
Menjadi designated bridge
Menjadi root port
SW2
SW2
SW1,SW3

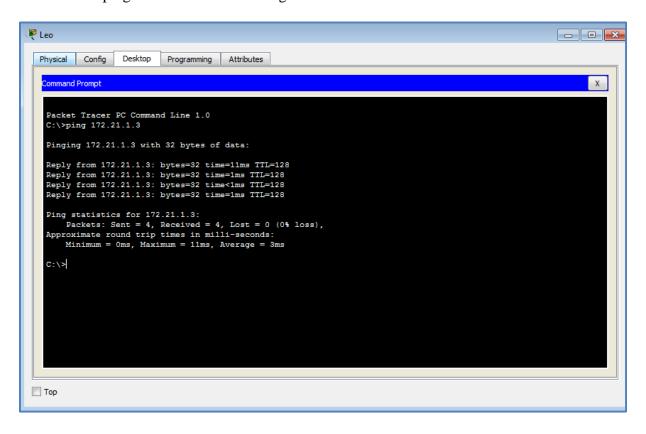
- Menjadi designated port : SW1,SW2,SW3

Pada kondisi default tersebut,dan port mana saja yang.

- Berada pada keadaan forwarding :SW2 dan SW3

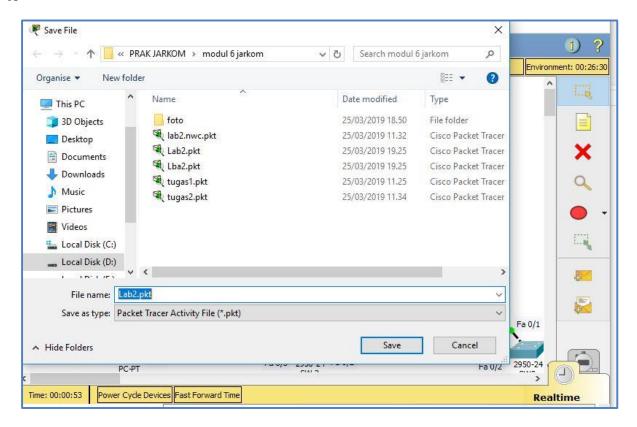
- Berada pada keadaan blocking : SW1

4. Melakukan ping dari PC Leo ke PC Virgo



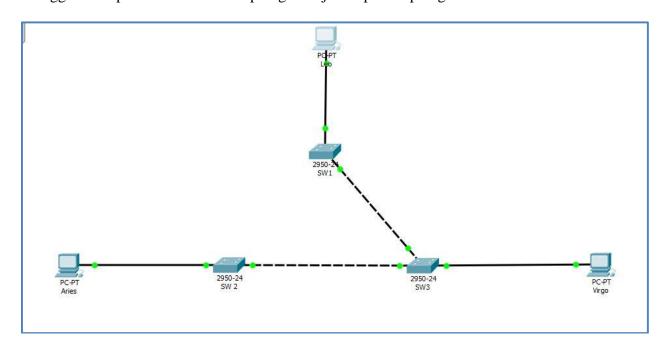
5. Simpan konfigurasi jaringan dengan nama lab2.pkt

Α



### Kegiatan2. Topologi 2

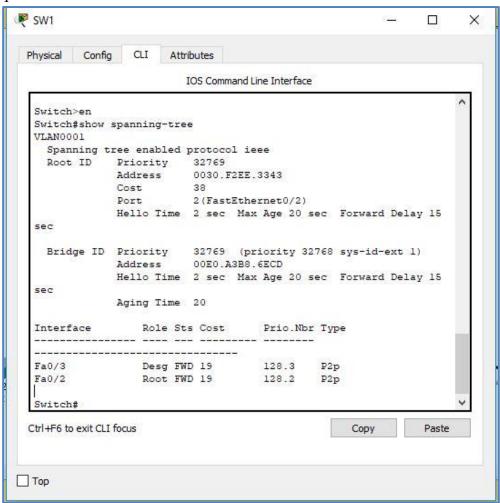
1. Menggunakan packet tracer ubah topologi menjadi seperti topologi berikut ini.



2. Melihat status STP pada masing-masing switch.

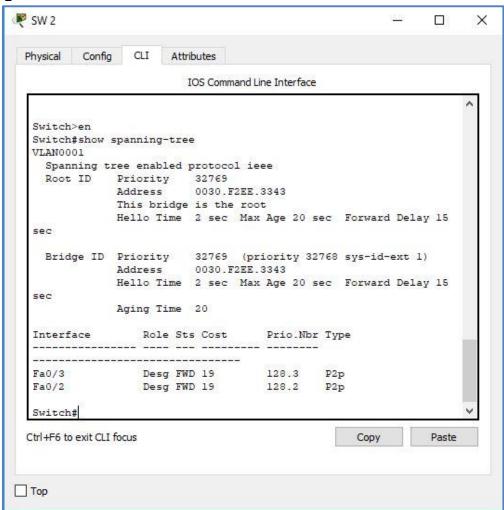
Α

- SW 1



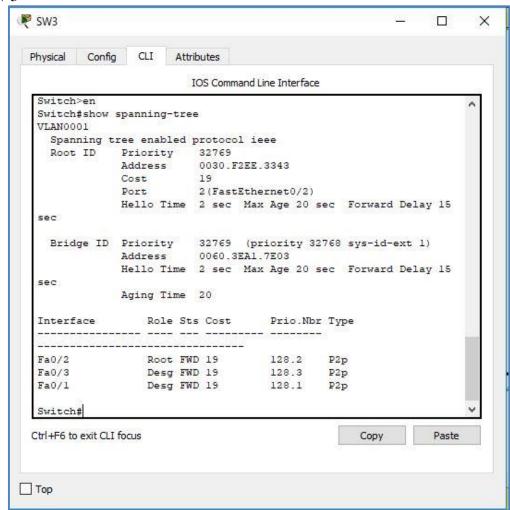
Α

- SW 2



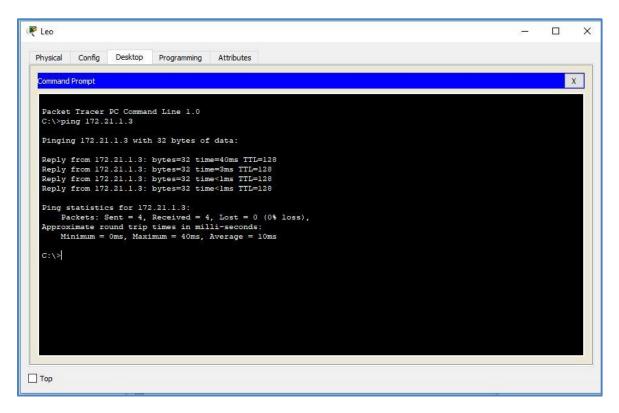
A

- SW 3



Α

3. Melakukan ping antara PC Leo dengan PC Virgo



Malvin Iqbal Firdaus L200170035 A