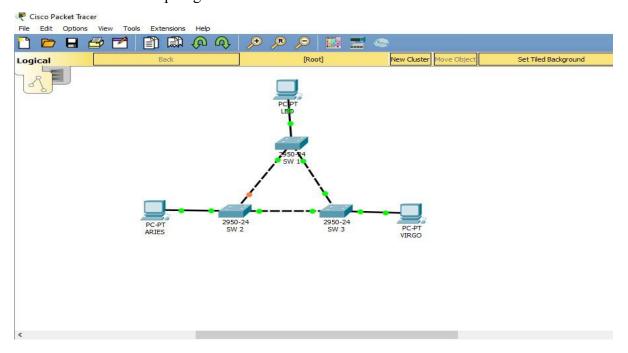
### Khumaila Masfarina Yusrifa

### L200180198/E

#### MODUL 6

## 1. Kegiatan 1

a. Membuat topologi



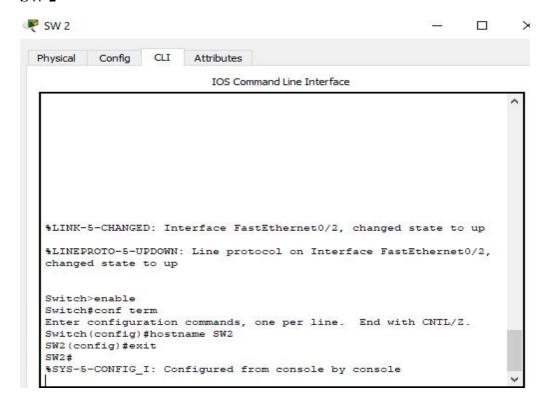
## Tugas 1 A:

b. Beri nama masing" switch dg SW1, SW2, dan SW3

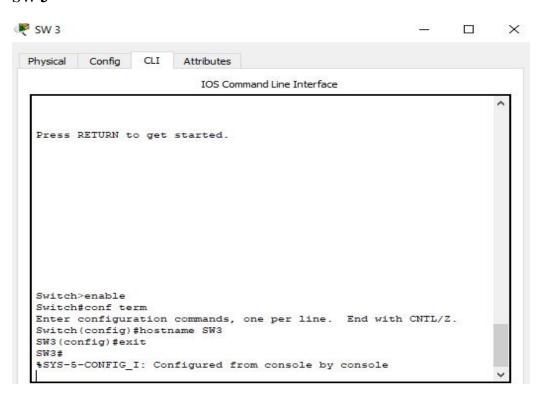
## **SW 1**



### **SW 2**



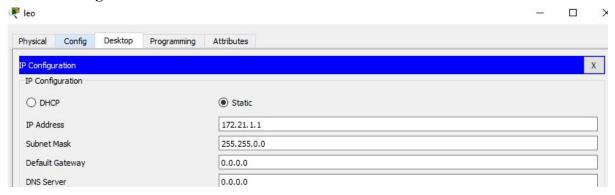
### **SW 3**



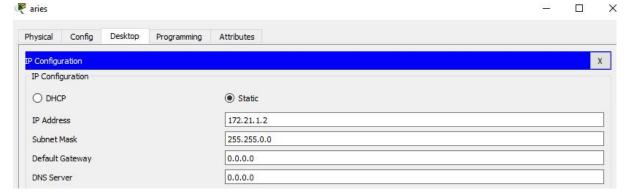
# Tugas 2 A:

c. Konfigurasi masing" PC

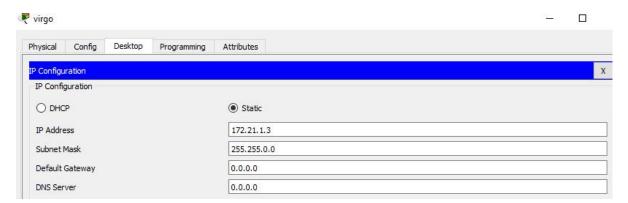
# Konfigurasi PC Leo



# Konfigurasi PC aries

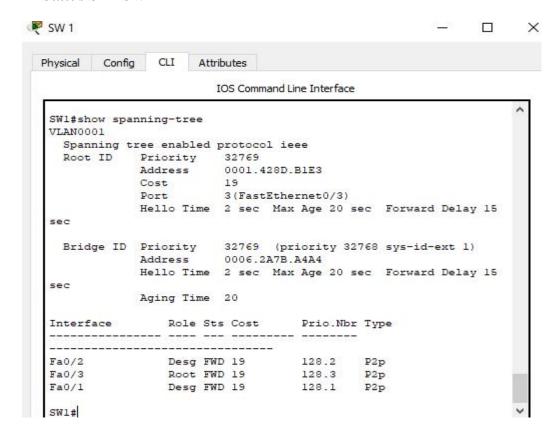


# Konfigurasi PC Virgo

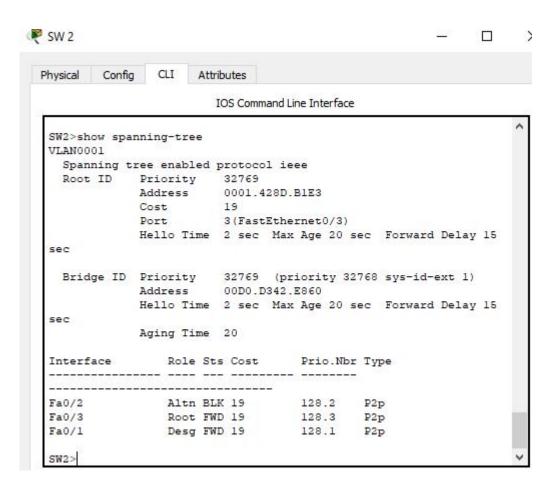


## d. Snapping-tree pada Switch

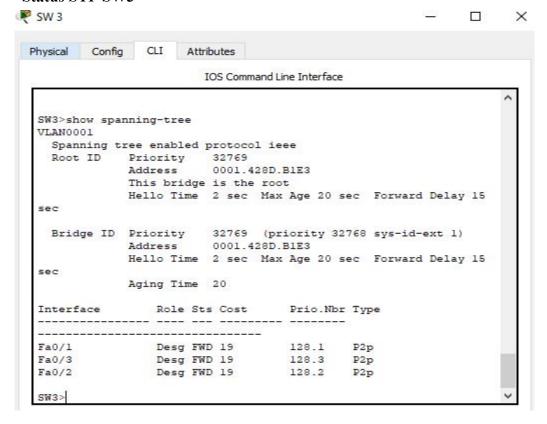
#### **Status STP SW 1**



#### **Status STP SW2**



### **Status STP SW3**



## Tugas 4B:

## **SW 1**

No	Variable	Nilai
1	Root ID	-
2	Priority	32769
3	MAC Address	0001.428D.B1E3
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 sec

## **SW 2**

No	Variable	Nilai
1	Root ID	-
2	Priority	32769
3	MAC Address	0001.428D.B1E3
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 sec

### **SW 3**

No	Variable	Nilai
1	Root ID	-
2	Priority	32769
3	MAC Address	0001.428D.B1E3
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 sec

## Tugas 4 C:

- Root bridge: **SW 3** 

- Designated bridge: SW 3

- Root port : SW1 (Fa0/3) dan SW2 (Fa0/3)

- Designated port : SW1 (Fa0/1; Fa0/2), SW2 (Fa0/1), dan SW3 (Fa0/1; Fa0/2; Fa0/3)

## Tugas 4 D:

- Forwarding

SW1 (Fa0/1; Fa0/2; Fa0/3)

SW2 (Fa0/1; Fa0/3)

SW3 (Fa0/1; Fa0/2; Fa0/3)

- Blocking SW2 (Fa0/2)

## Tugas 5 A:

```
Physical Config Desktop Programming Attributes

Command Prompt

Packet Tracer PC Command Line 1.0
C:\>ping 172.21.1.3

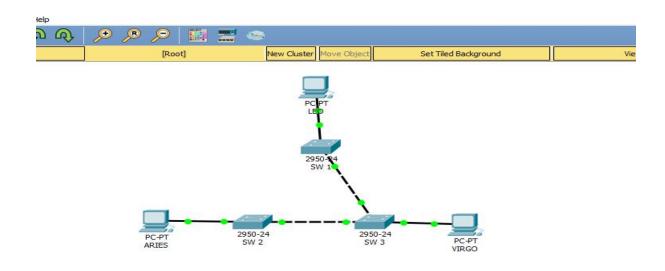
Pinging 172.21.1.3 with 32 bytes of data:

Reply from 172.21.1.3: bytes=32 time=96ms TTL=128
Reply from 172.21.1.3: bytes=32 time<1ms TTL=128
Reply from 172.21.1.3: bytes=32 time<1ms TTL=128
Reply from 172.21.1.3: bytes=32 time<1ms TTL=128
Ping statistics for 172.21.1.3:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 96ms, Average = 24ms
```

# 2. Kegiatan 2

a. Mebuat topologi



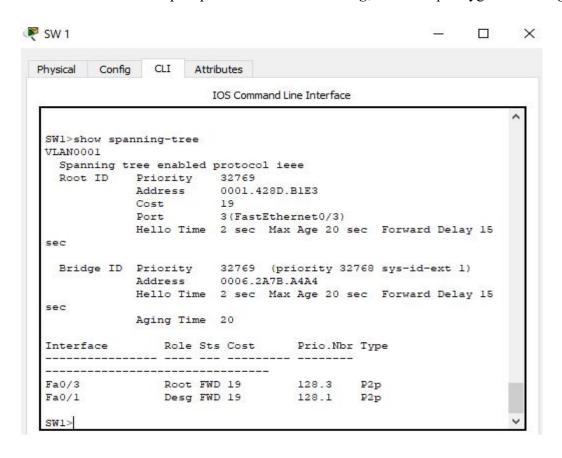


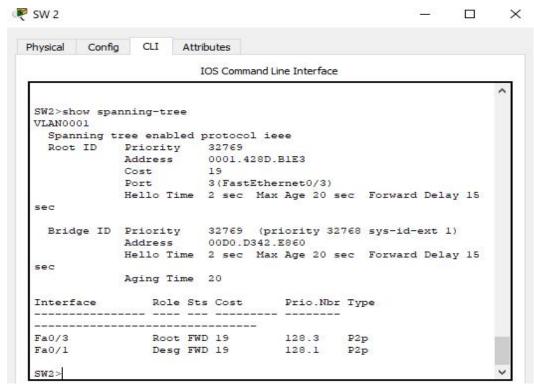
### Tugas 9A:

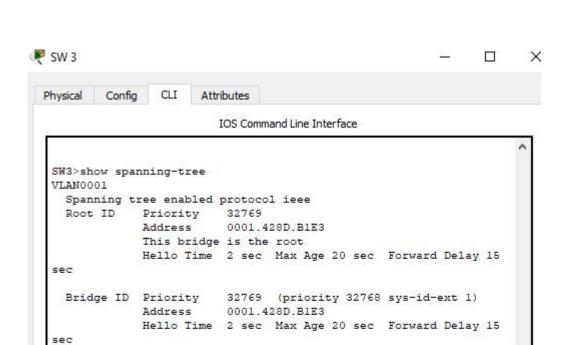
Setelah mengubah struktur topologi jar selanjutnya lakukan spt pada lab.4 dan lab.5 menentukan kondisi *default* tsb, *switch*, dan *port* dg mengetik *show spanning-tree* pada masing" *switch*.

- Menjadi root bridge adalah SW3
- Menjadi designated bridge adalah SW3
- Menjadi root port adalah SW2 (Fa0/3) dan SW1 (Fa0/3)
- Menjadi designated port adalah SW1 (Fa0/1), SW2 (Fa0/1), dan SW3 (Fa0/1; Fa0/2; Fa0/3)

Pada semua **switch** semua port pada keadaan *Forwarding*, tidak ada *port* yg ter *Blocking*.







Role Sts Cost Prio.Nbr Type

Desg FWD 19 128.1 P2p Desg FWD 19 128.3 P2p Desg FWD 19 128.2 P2p

Aging Time 20

Interface

Fa0/1 Fa0/3 Fa0/2

SW3>