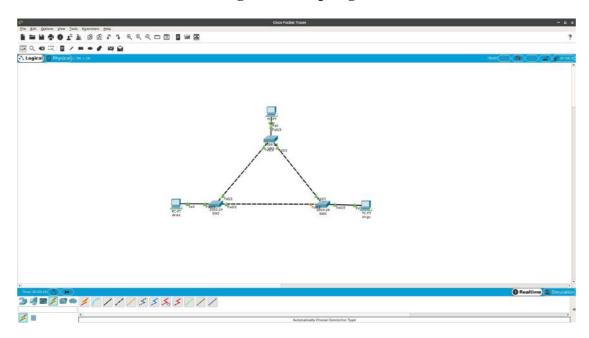
Nama : Kurniawan Andika Wijaya

NIM : L200180115

Kelas : C

### Praktikum Jarkom Modul 6

## Kegiatan 1. Topologi 1



## Tugas 1A:

Pertama kita beri 3 Switch 2950-24 lalu kita beri masing-masing PC per Switch dan sambungkan antar peripheral dengan media transmisi kabel

## Tugas 2A:

### SW1

Switch>en

Switch#conf t

Enter configuration commands, one per line. End with CNTL/Z.

Switch(config)#hostname SW1

SW1(config)#end

### SW2

*Switch>en* 

Switch#conf t

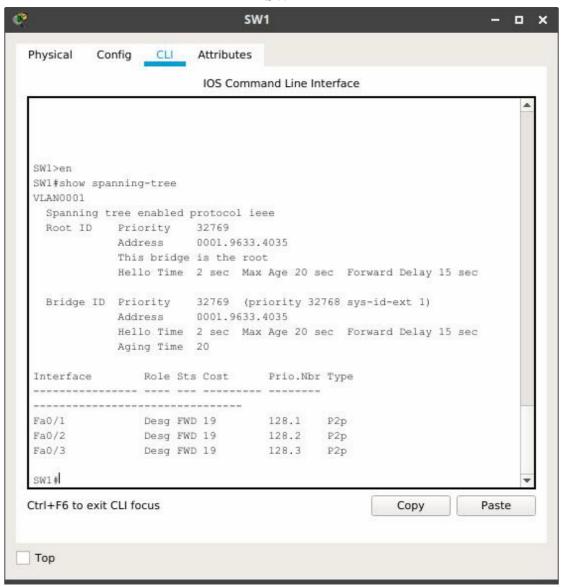
Enter configuration commands, one per line. End with CNTL/Z.

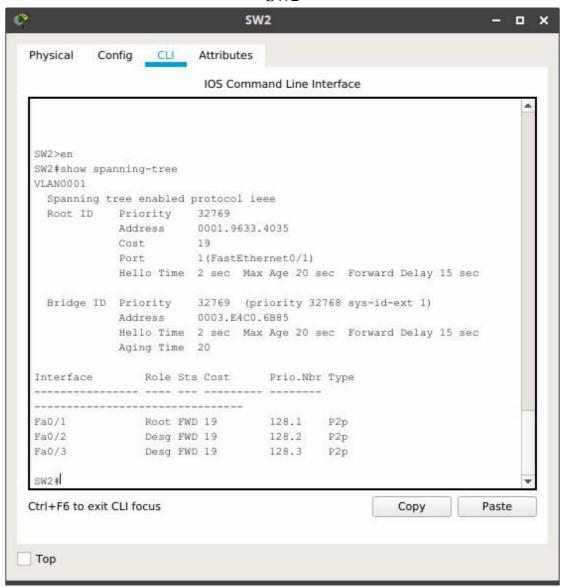
Switch(config)#hostname SW2

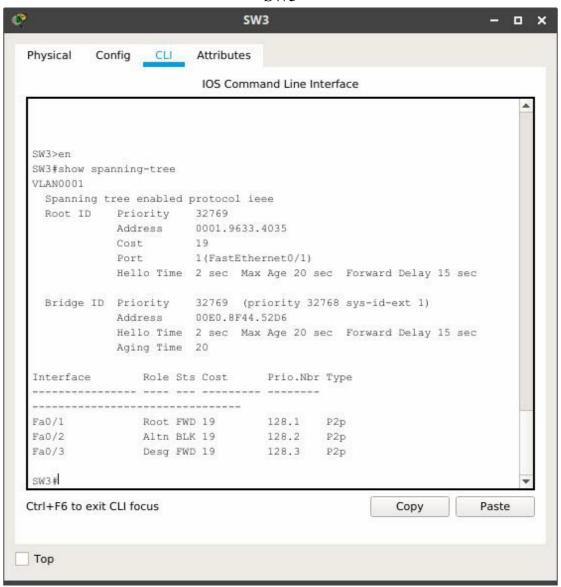
SW2(config)#end

Switch>en
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname SW3
SW3(config)#end

## **Tugas 4A:**







# Tugas 4B:

# SW1

No	Variabel	Nilai
1	Root ID	0001.9633.4035
2	Priority	32769
3	Mac Address	0001.9633.4035
4	Bridge ID	0001.9633.4035
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

# SW2

No	Variabel	Nilai
1	Root ID	0001.9633.4035
2	Priority	32769
3	Mac Address	0003.E4C0.6B85
4	Bridge ID	0003.E4C0.6B85
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

No	Variabel	Nilai
1	Root ID	0001.9633.4035
2	Priority	32769
3	Mac Address	00E0.8F44.52D6
4	Bridge ID	00E0.8F44.52D6
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 4C:**

Root bridge: SW1

Designated bridge: SW2

**Root port :** SW2 (Fa0/1), SW3(Fa0/1)

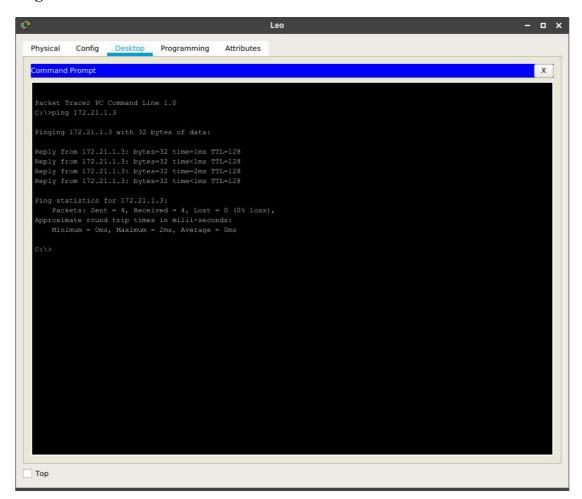
**Designated port**: SW1(Fa0/1;Fa0/2;Fa0/3), SW2(Fa0/2;Fa0/3), SW3(Fa0/3)

## **Tugas 4D:**

Forwarding: SW1(Fa0/1;Fa0/2;Fa0/3), SW2(Fa0/1;Fa0/2;Fa0/3), SW3(Fa0/1;Fa0/3)

**Blocking:** SW3(Fa0/3)

## Tugas 5A:



Masuk ke PC >> Desktop >> Command Prompt

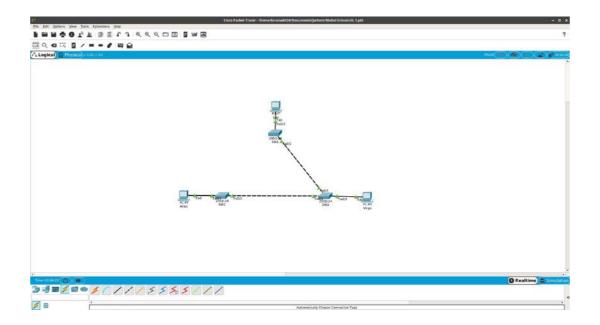
Lalu ketik "ping 172.21.1.3"

# Tugas 6A:

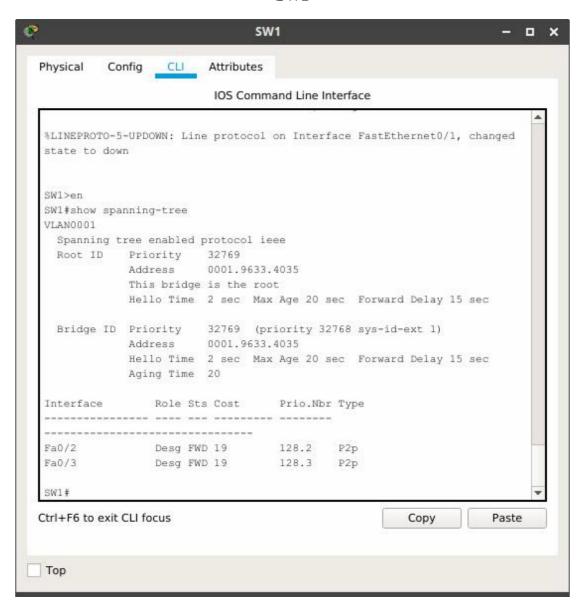
Lakukan perintah dibawah untuk setiap switch :

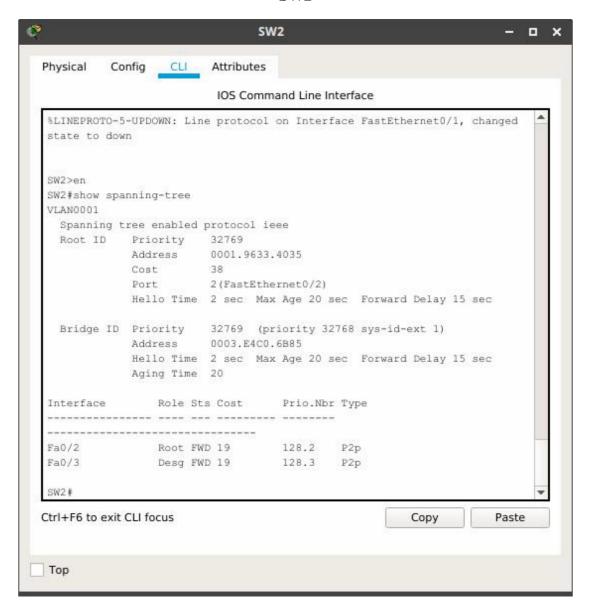
SW1>en SW1#write Building configuration... [OK]

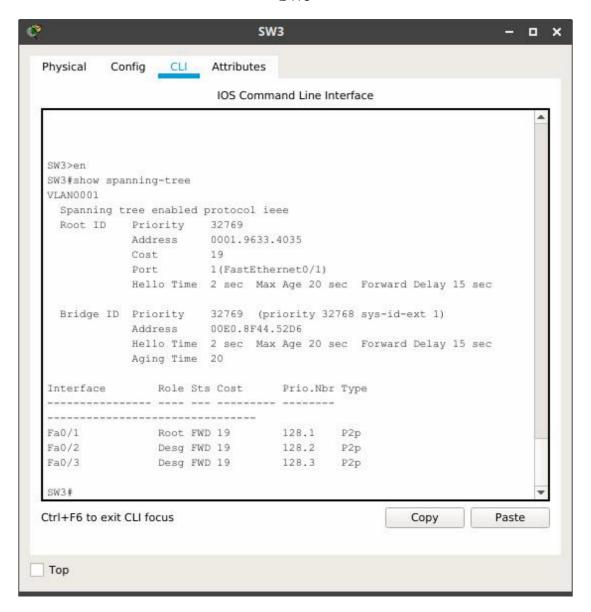
Kegiatan 2. Topologi 2



## Tugas 9A:







No	Variabel	Nilai
1	Root ID	0001.9633.4035
2	Priority	32769
3	Mac Address	0001.9633.4035
4	Bridge ID	0001.9633.4035
5	Cost(0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

## SW2

No	Variabel	Nilai
1	Root ID	0001.9633.4035
2	Priority	32769
3	Mac Address	0003.E4C0.6B85
4	Bridge ID	0003.E4C0.6B85
5	Cost(0/2;0/3)	19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

No	Variabel	Nilai
1	Root ID	0001.9633.4035
2	Priority	32769
3	Mac Address	00E0.8F44.52D6
4	Bridge ID	00E0.8F44.52D6
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

**Root bridge:** SW1

Designated bridge: SW3

**Root port :** SW2 (Fa0/1), SW3(Fa0/2)

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

Forwarding: SW1(Fa0/1;Fa0/2;Fa0/3), SW2(Fa0/1;Fa0/2;Fa0/3),

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

**Blocking:** None