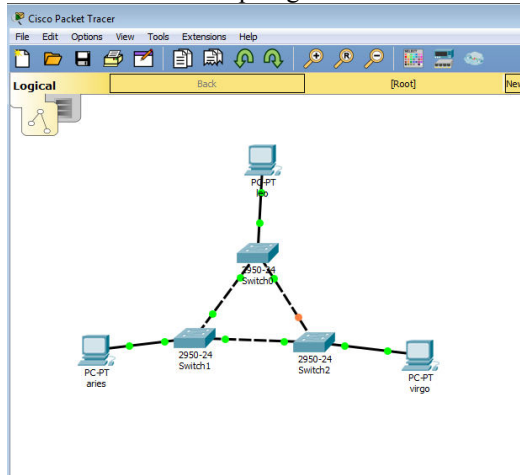


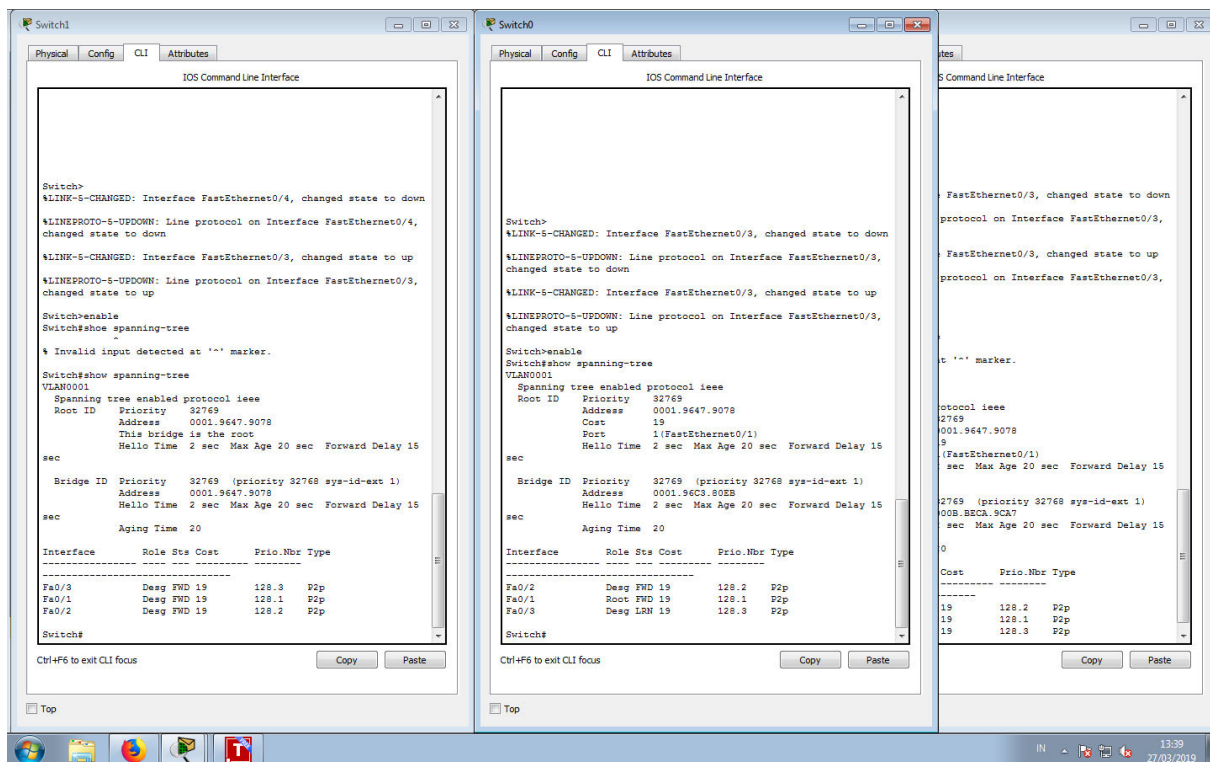
NAMA : Riyan Aldiansyah
NIM : L200170018
Kelas : A

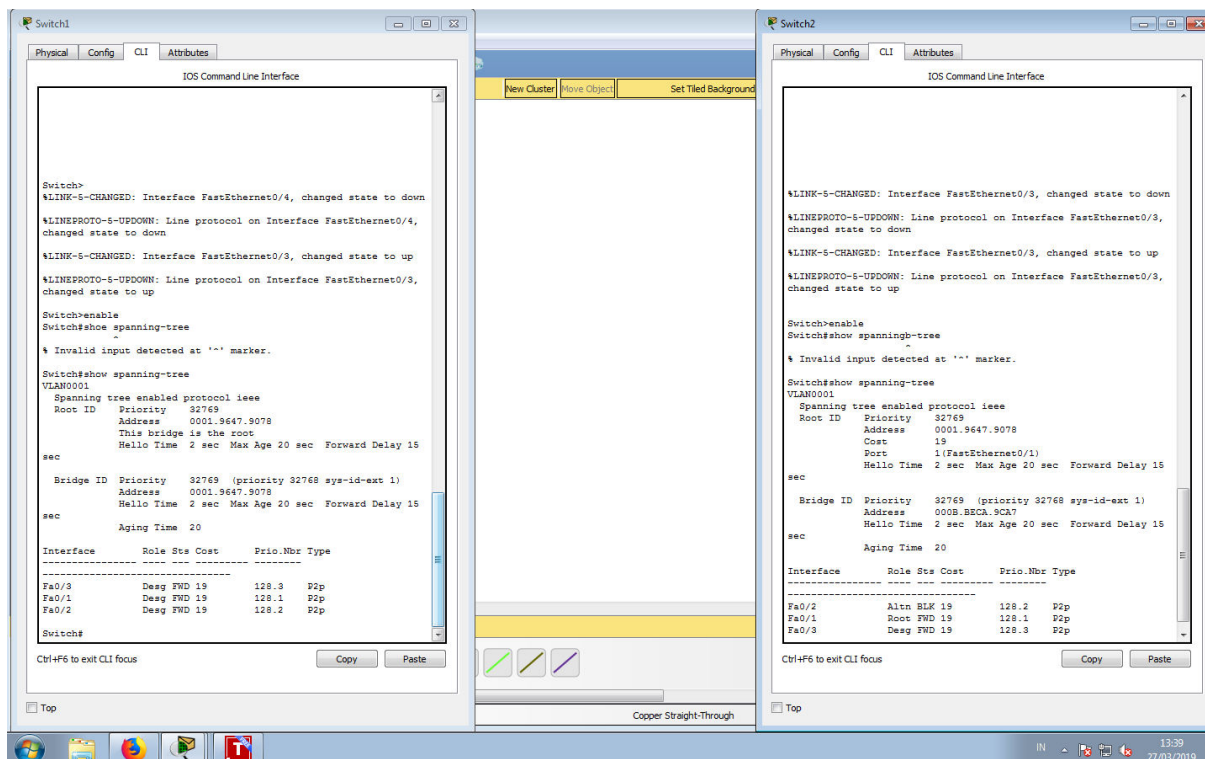
Kegiatan 1

1. Membuat Topologi



2. capture tampilan status masing2 switch





Lalu isi table tiap2 switch

-Switch 1

no	Variable	Nilai
1	Root id	32769, 0001.9647.9078
2	Priotity	32769
3	MAC address	0001.9647.9078
4	Bridge id	32769, 0001.96C3.80EB
5	Cost (0/1;0/2;0/3)	19,19,19
6	Hello time	2 sec
7	Max Age	20 sec
8	Forward Delay	15 sec

Switch 2

no	Variable	Nilai
1	Root id	32769, 0001.9647.9078
2	Priotity	32769
3	MAC address	0001.9647.9078
4	Bridge id	32769, 0001.9647.9078
5	Cost (0/1;0/2;0/3)	19,19,19

-Switch 3

no	Variable	Nilai
1	Root id	32769, 0001.9647.9078

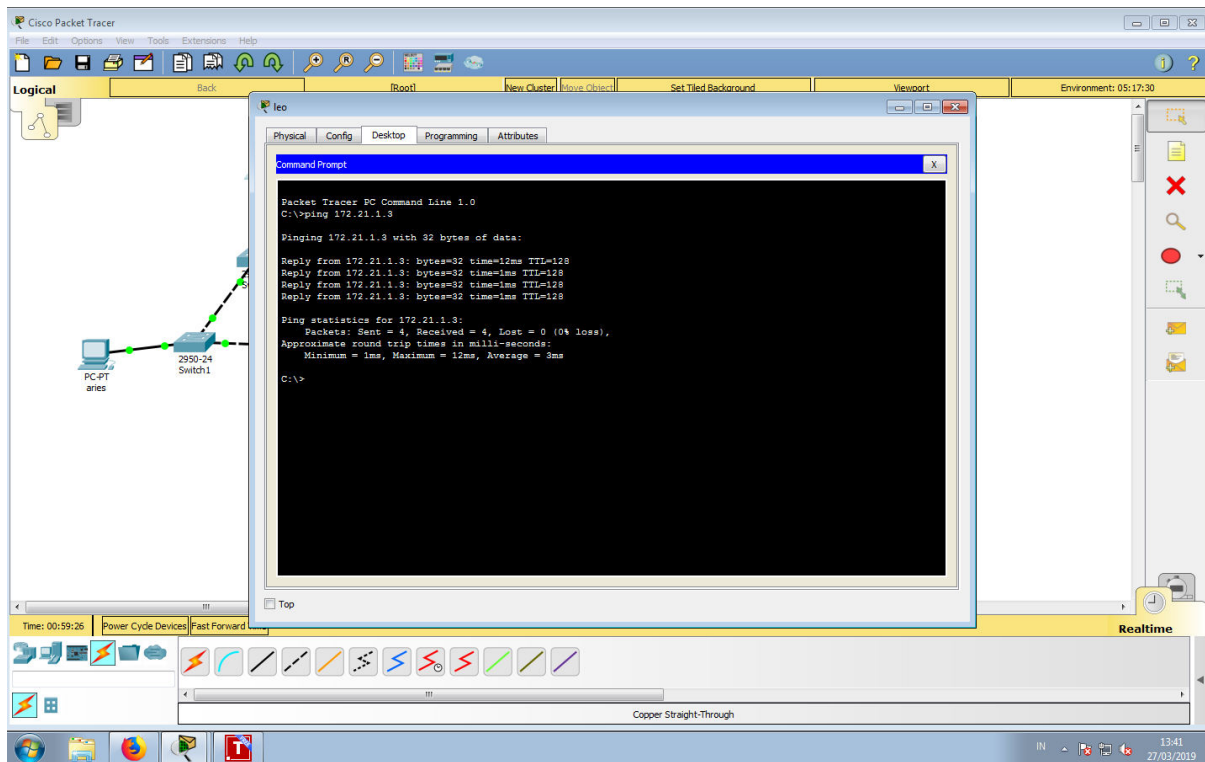
2	Priority	32769
3	MAC address	0001.9647.9078
4	Bridge id	32769,000B.BECA.9CA7
5	Cost (0/1;0/2;0/3)	19,19,19
6	Hello time	2 sec
7	Max Age	20 sec
8	Forward Delay	15 sec

Tugas 4C pada kondisi default tersebut, switch dan port mana saja yang

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

Tugas 4D pada kondisi default tersebut, dan port mana saja yang

- Berada pada keadaan forwarding :SW2,SW1
- Berada pada keadaan blocking :SW3



Kegiatan 2 Topologi 2

1. membuat topologi

The image displays the Cisco Packet Tracer interface, showing a network topology and the configuration for two switches, Switch0 and Switch2.

Network Topology:

- PC-PT aries is connected to Switch1.
- Switch1 is connected to Switch2.
- Switch2 is connected to PC-PT vergo.
- Switch2 is also connected to a 2950-24 Switch (labeled as 2950-24 Switch in the diagram).

Switch0 Configuration (CLI):

```
Switch0#enable
Switch0#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     0001.9647.9078
             Cost        19
             Port        2 (FastEthernet0/2)
             Hello Time  2 sec Max Age 20 sec Forward Delay 15 sec

  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
             Address     0001.96C9.802B
             Hello Time  2 sec Max Age 20 sec Forward Delay 15 sec
             Aging Time  20

Interface Role Sts Cost Prio.Nbr Type
-----
Fa0/2    Root FWD 19   128.2 P2p
Fa0/3    Desg FWD 19   128.3 P2p

Switch0#
```

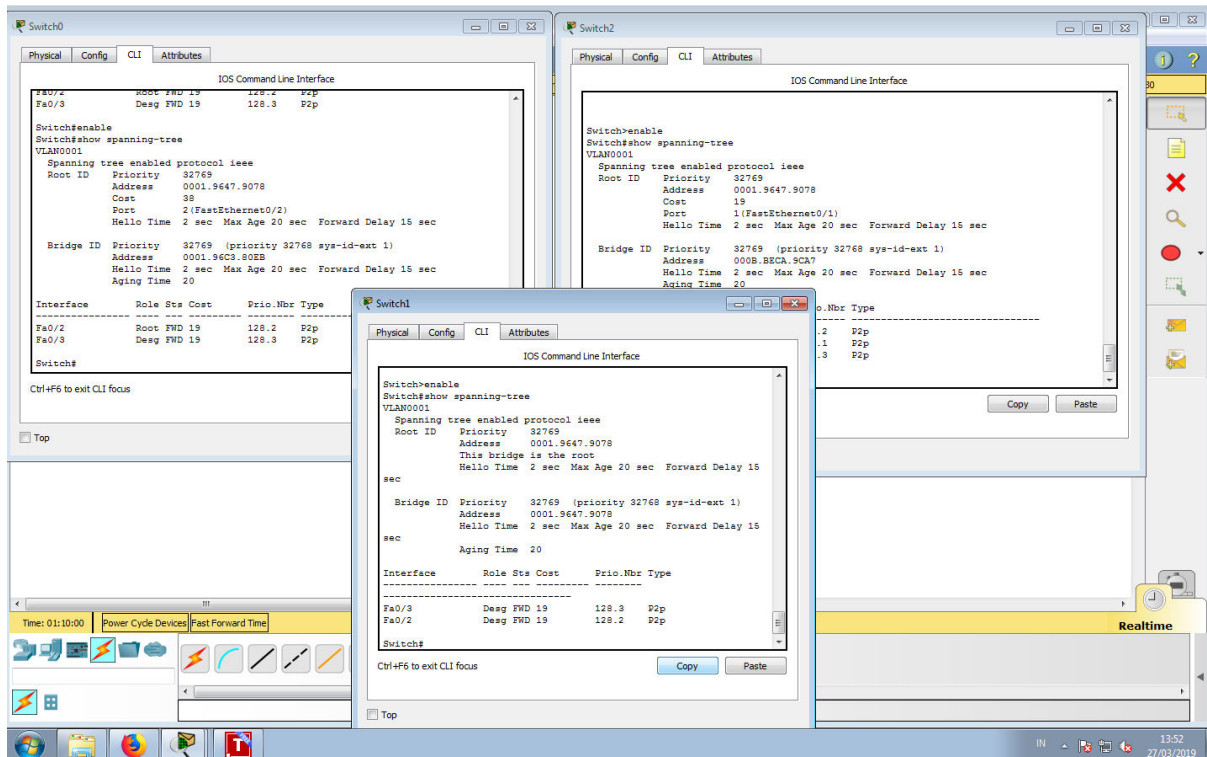
Switch2 Configuration (CLI):

```
Switch2#enable
Switch2#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     0001.9647.9078
             Cost        19
             Port        1 (FastEthernet0/1)
             Hello Time  2 sec Max Age 20 sec Forward Delay 15 sec

  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
             Address     0009.BECA.9CA7
             Hello Time  2 sec Max Age 20 sec Forward Delay 15 sec
             Aging Time  20

Interface Role Sts Cost Prio.Nbr Type
-----
Fa0/2    Desg FWD 19   128.2 P2p
Fa0/1    Root FWD 19   128.1 P2p
Fa0/3    Desg FWD 19   128.3 P2p

Switch2#
```



Lalu isi table tiap2 switch
-Switch 1

no	Variable	Nilai
1	Root id	32769, 0001.9647.9078
2	Priotity	32769
3	MAC address	0001.9647.9078
4	Bridge id	32769, 0001.96C3.80EB
5	Cost (0/2;0/3)	19,19
6	Hello time	2 sec
7	Max Age	20 sec
8	Forward Delay	15 sec

Switch 2

no	Variable	Nilai
1	Root id	32769, 0001.9647.9078
2	Priotity	32769
3	MAC address	0001.9647.9078
4	Bridge id	32769, 0001.9647.9078
5	Cost (0/2;0/3)	19,19
6	Hello time	2 sec
7	Max Age	20 sec
8	Forward Delay	15 sec

-Switch 3

no	Variable	Nilai
1	Root id	32769, 0001.9647.9078
2	Priotity	32769
3	MAC address	0001.9647.9078
4	Bridge id	32769,000B.BECA.9CA7
5	Cost (0/1;0/2;0/3)	19,19,19
6	Hello time	2 sec
7	Max Age	20 sec
8	Forward Delay	15 sec

Tugas 4C pada kondisi default tersebut,switch dan port mana saja yang

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

Tugas 4D pada kondisi default tersebut,dan port mana saja yang

- Berada pada keadaan forwarding :SW2,SW1
- Berada pada keadaan blocking :tidak ada

