

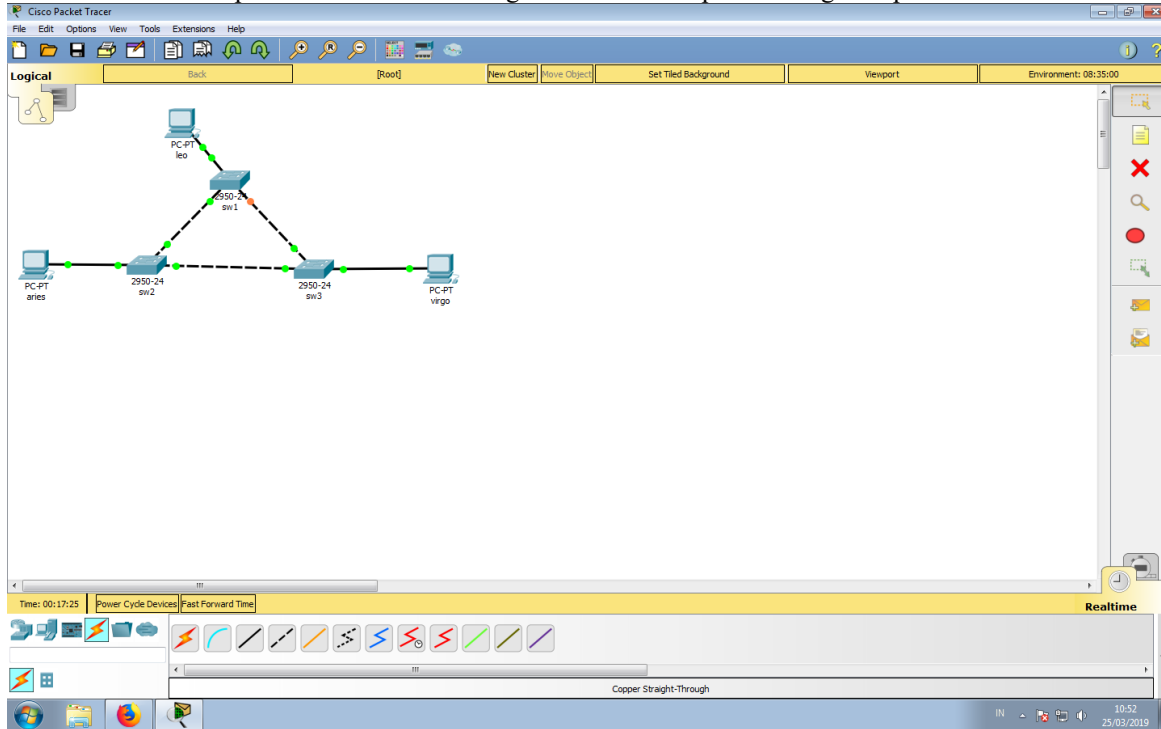
## KEGIATAN 1

### TUGAS 1A :

- pertama kita masuk ke cisco packet tracer
- kita pilih 3 pc dan 3 switch untuk kebutuhan topologi
- lalu kita sambungkan pc1 ke switch 1, pc2 ke switch 2, pc3 ke switch 3, dan switch saling berhubungan

### TUGAS 2:

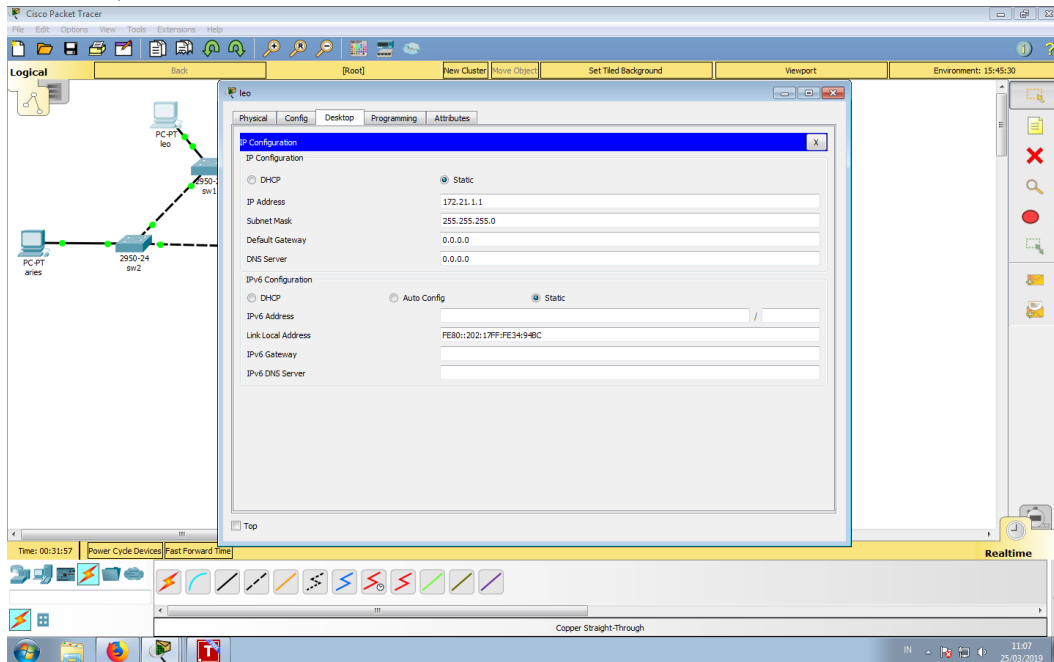
- nama default dari tiap device kita klik 2x lalu ganti nama sesuai perintah kegiatan praktikum



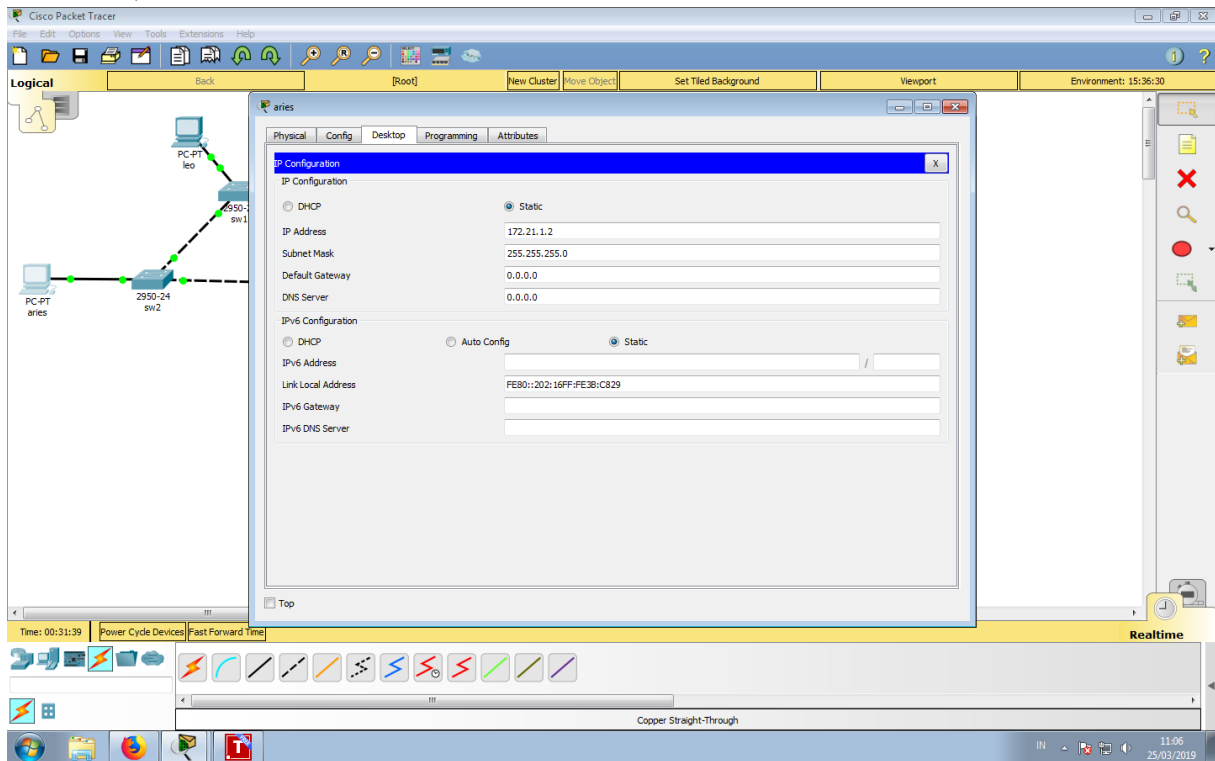
### TUGAS 3A :

mengisi ip address ke masing masing PC

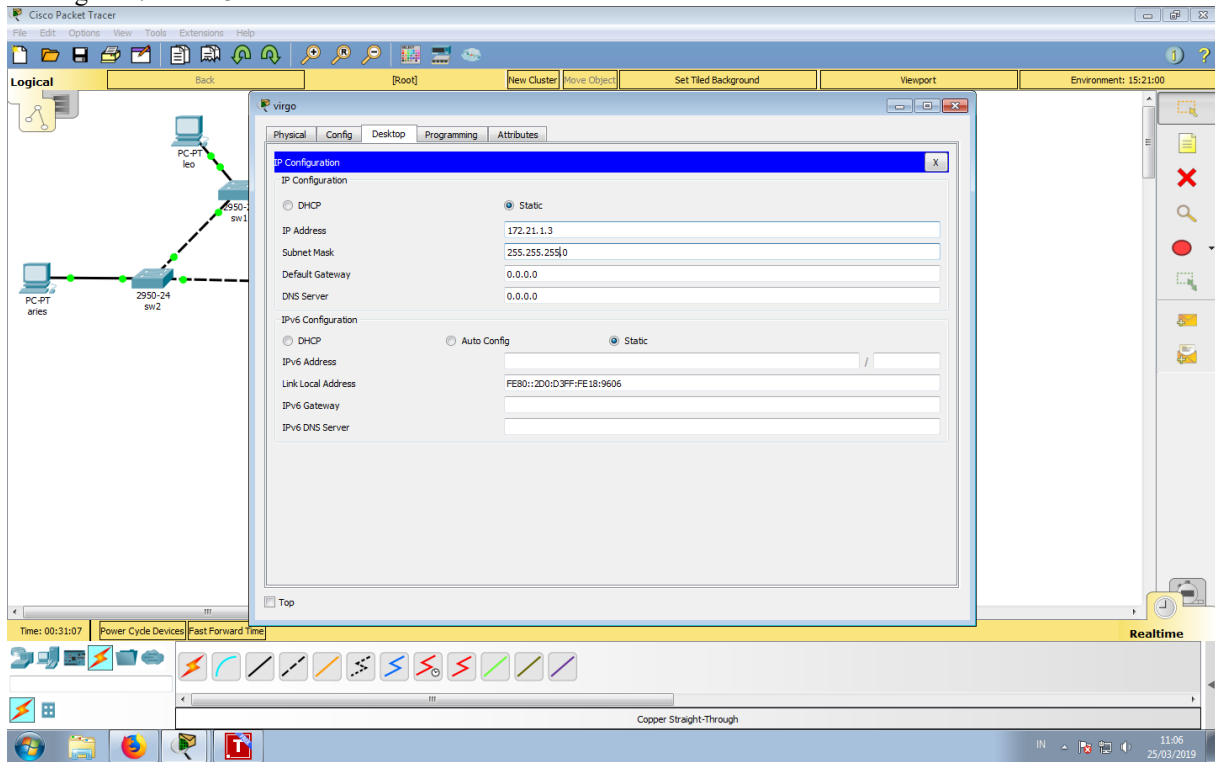
PC leo : 172.21.1.1/24



PC aries : 172.21.1.2/24



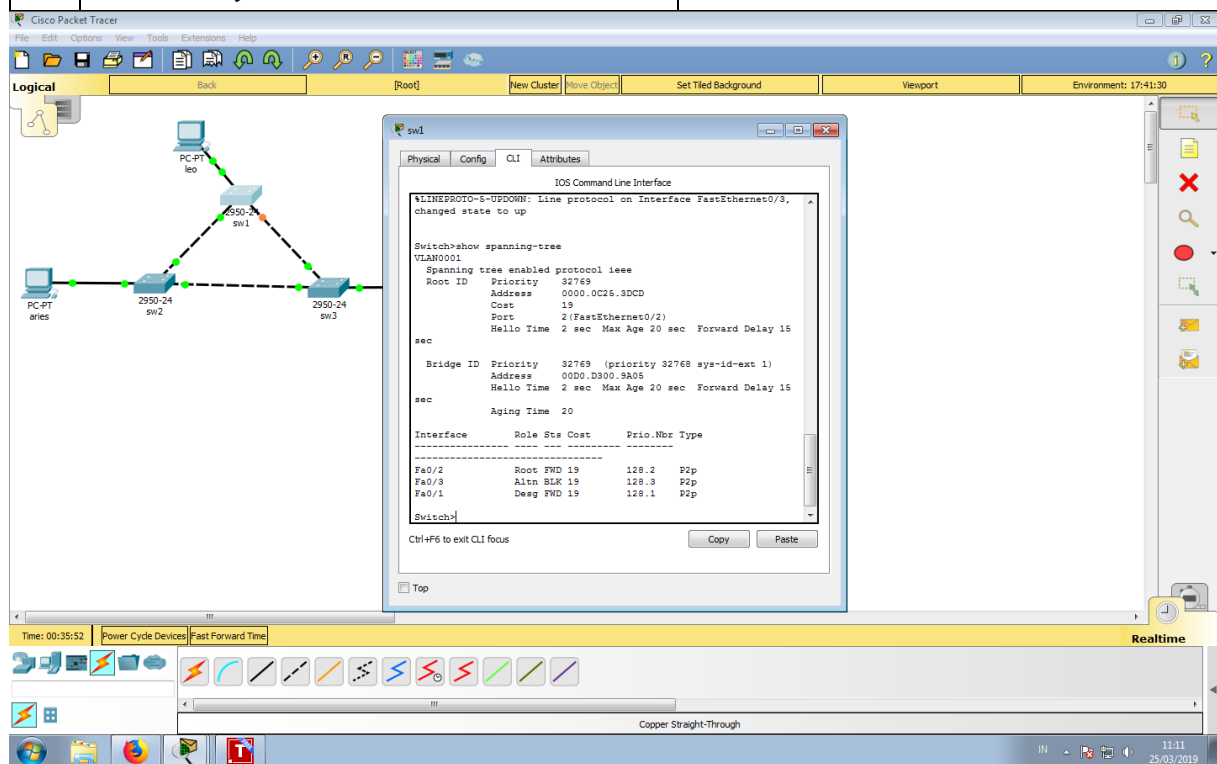
PC virgo : 172.21.1.3/24



# TUGASG 4A dan 4B:

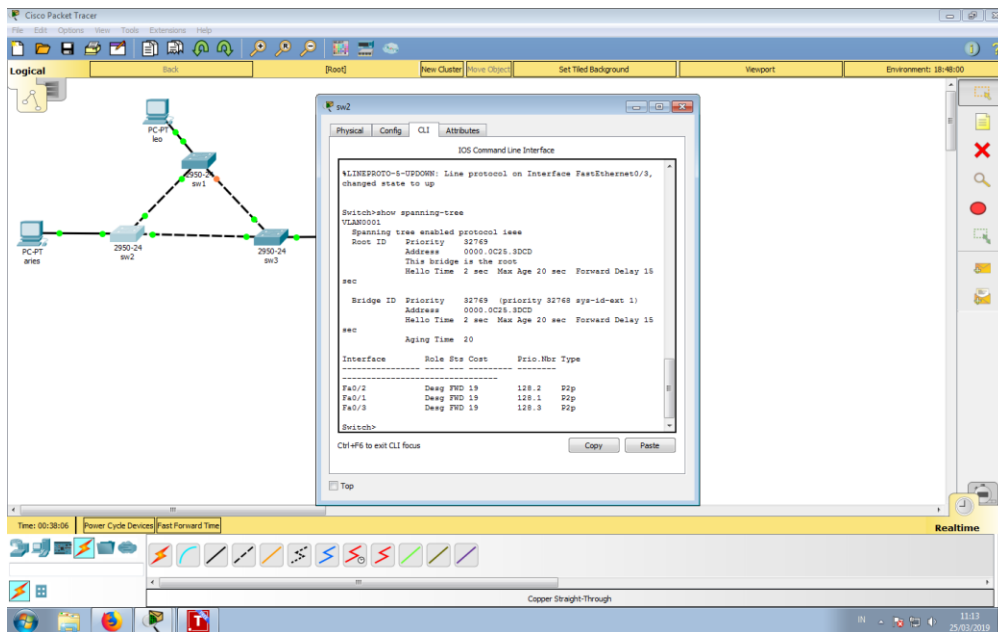
-sw 1

No	Variable	Nilai
1	Root ID	32769
2	Priority	32768
3	MAC Address	0000.0C25.3DCD
4	Bridge ID	32769
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec



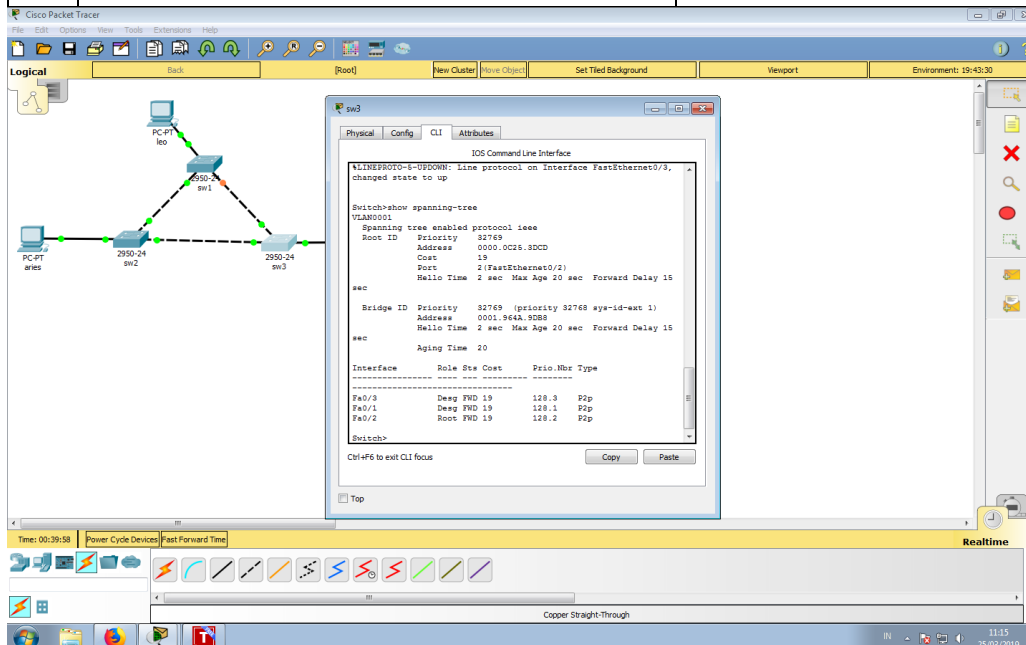
-sw 2

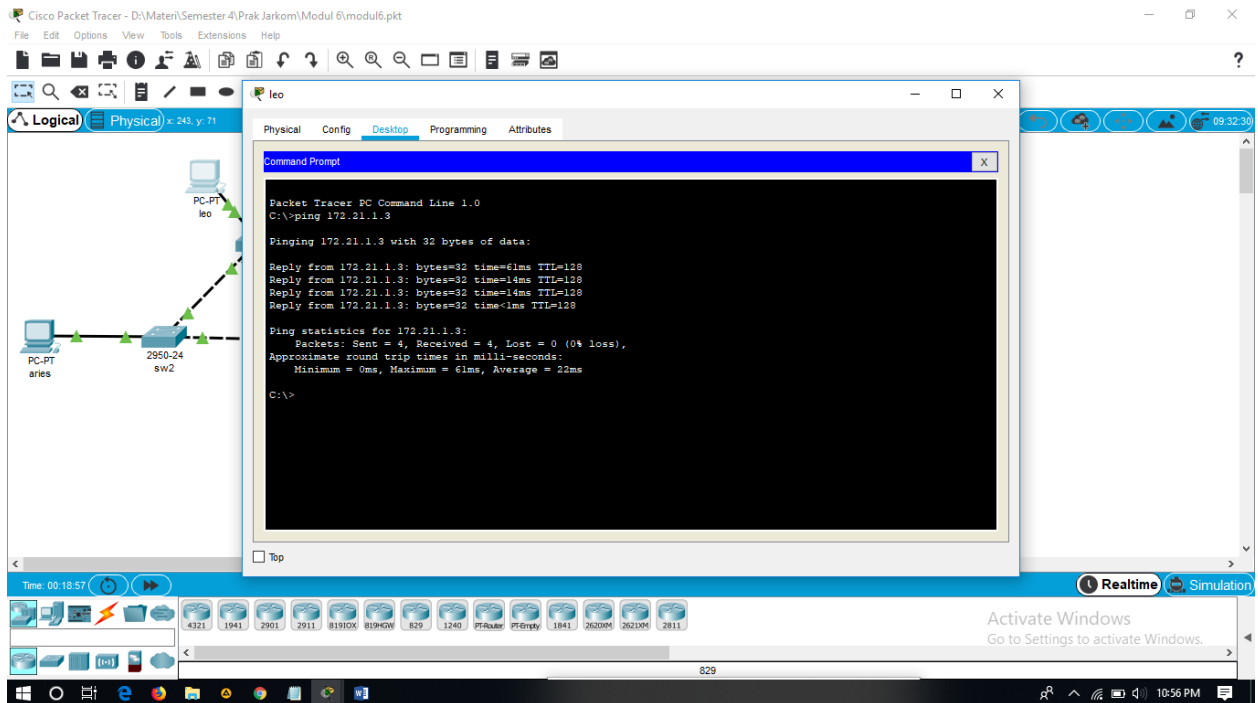
No	Variable	Nilai
1	Root ID	32769
2	Priority	32768
3	MAC Address	0000.0C25.3DCD
4	Bridge ID	32769
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec



-sw 3

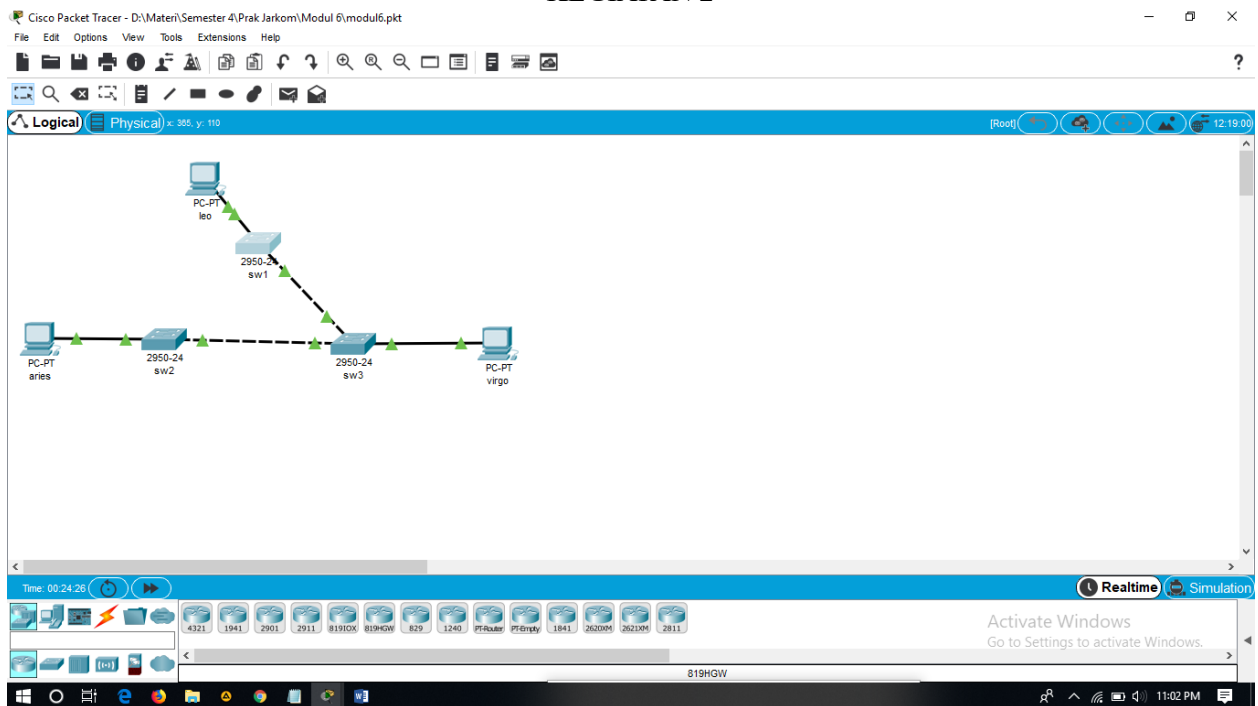
No	Variable	Nilai
1	Root ID	32769
2	Priority	32768
3	MAC Address	0000.0C25.3DCD
4	Bridge ID	32769
5	Cost(0/1;0/2;0/3)	19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec





Pilih pc leo lalu masuk ke desktop, pilih command prompt lalu ketikkan “ping 172.21.1.3” lalu enter

## KEGIATAN 2



## SW1

Cisco Packet Tracer - D:\Materi\Semester 4\Prak Jarkom\Modul 6\modul6.pkt

File Edit Options View Tools Extensions Help

Logical Physical x 300 y 110

PC-PT aries 2950-24 sw2 2950-24 sw3 2950-24 sw1 PC-PT leo

Time: 00:24:07

Realtime Simulation

Activate Windows Go to Settings to activate Windows.

819HG-4G-IOX

11:01 PM

sw1

Physical Config CLI Attributes

IOS Command Line Interface

```
Switch>show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address    0000.0C26.3DCD
             Cost        38
             Port        3(FastEthernet0/3)
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
             Address    00D0.D300.5A05
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
             Aging Time  20

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

Ctrl+F6 to exit CLI focus

Copy Paste

Top

## SW2

Cisco Packet Tracer - D:\Materi\Semester 4\Prak Jarkom\Modul 6\modul6.pkt

File Edit Options View Tools Extensions Help

Logical Physical x 300 y 150

PC-PT aries 2950-24 sw2 2950-24 sw3 2950-24 sw1 PC-PT leo

Time: 00:25:51

Realtime Simulation

Activate Windows Go to Settings to activate Windows.

819HG-4G-IOX

11:03 PM

sw2

Physical Config CLI Attributes

IOS Command Line Interface

```
Switch>show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address    0000.0C26.3DCD
             This bridge is the root
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
             Address    0000.0C26.3DCD
             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
Fa0/3 Desg FWD 19 128.3 P2p
```

Ctrl+F6 to exit CLI focus

Copy Paste

Top

## SW3

Cisco Packet Tracer - D:\Materi\Semester 4\Prak Jarkom\Modul 6\modul6.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 385, y: 224

Physical Config CLI Attributes

IOS Command Line Interface

```
Switch>show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     0000.0C2B.3DCD
             Cost        15
             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     0001.9E4B.50B9
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
             Aging Time  20
```

Interface	Role	Sts	Cost	Prio	Nbr	Type
Fa0/1	Desg	FWD	19	128	1	P2p
Fa0/3	Desg	FWD	19	128	3	P2p
Fa0/2	Root	FWD	19	128	2	P2p

Switch>

Ctrl+F6 to exit CLI focus

Copy Paste

Time: 09:25:12

Realtime Simulation

Activate Windows  
Go to Settings to activate Windows.

2911

11:02 PM

## Pinging leo ke virgo

Cisco Packet Tracer - D:\Materi\Semester 4\Prak Jarkom\Modul 6\modul6.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 243, y: 145

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<1ms TTL=128
Reply from 172.21.1.3: bytes=32 time<1ms TTL=128
Reply from 172.21.1.3: bytes=32 time=3ms 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 = 3ms, Average = 0ms
C:\>
```

Time: 09:26:55

Realtime Simulation

Activate Windows  
Go to Settings to activate Windows.

2911

11:04 PM