

NAMA : RENDRA RIZKI KURNIAWAN

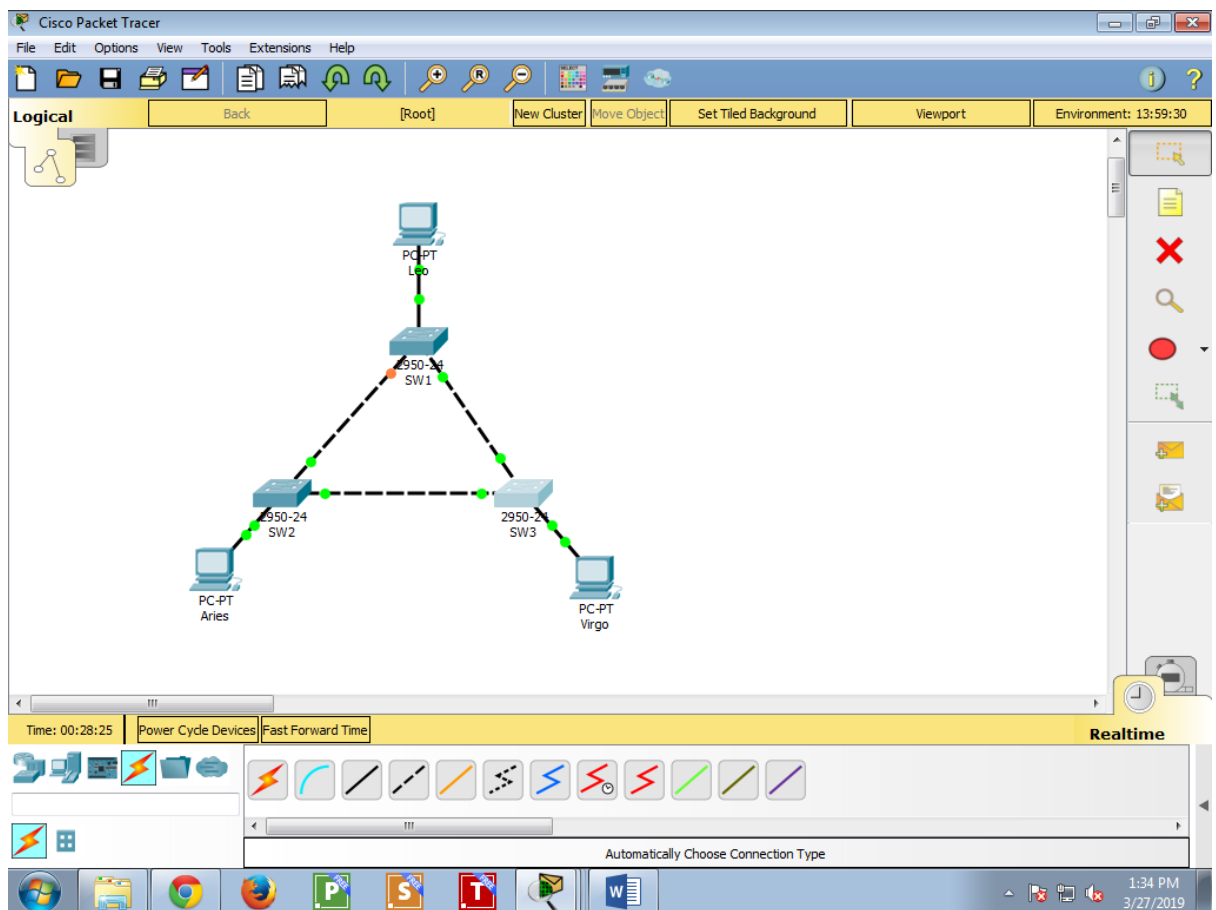
NIM : L200170027

KELAS : A

MODUL 6

Kegiatan 1

1. TOPOLOGI



2. SW 1

The screenshot shows the Cisco Packet Tracer interface. On the left, a network topology is visible with a PC-PT Aries connected to a switch (SW2) and another switch (SW1) connected to a PC-PT Leo. The main window displays the CLI for SW1, showing the configuration for VLAN0001 and the spanning-tree protocol.

```

Switch#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     0001.4225.5D85
             Cost        19
             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     00E0.F992.0273
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15
sec

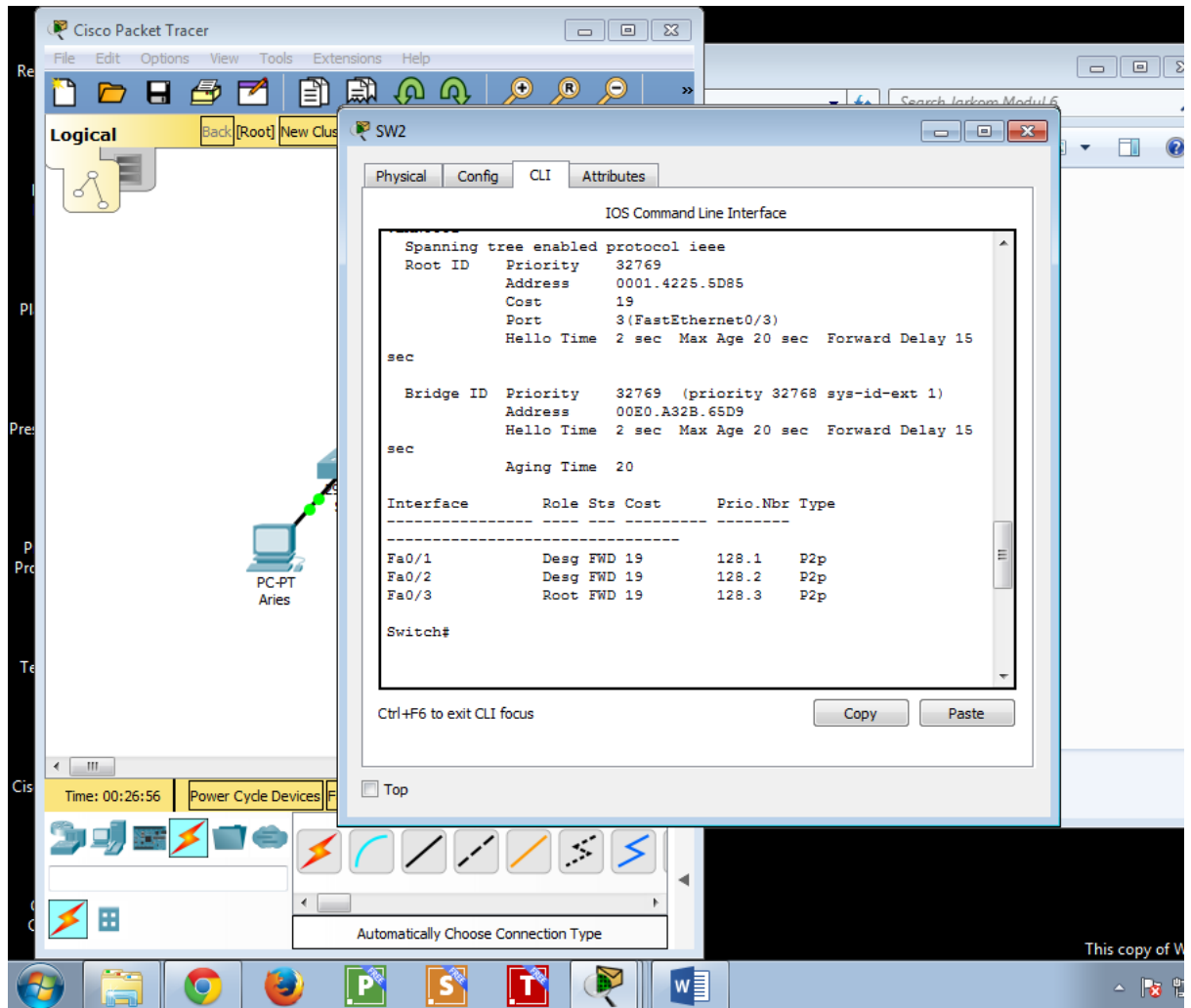
             Aging Time  20

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

No	Variable	Nilai
1	Root ID	32769 / 0001.4225.5D85
2	Priority	32769
3	Mac Adres	0001.4225.5D85
4	Bridge ID	32769
5	Cost	19
6	Hello time	2 sec
7	Max Age	20 sec
8	Forward Delay	15 sec

Interface	Role	Sts	Cost
Fa 0/1	Desg	FWD	19
Fa 0/2	Altn	BLK	19
Fa 0/3	Root	FWD	19

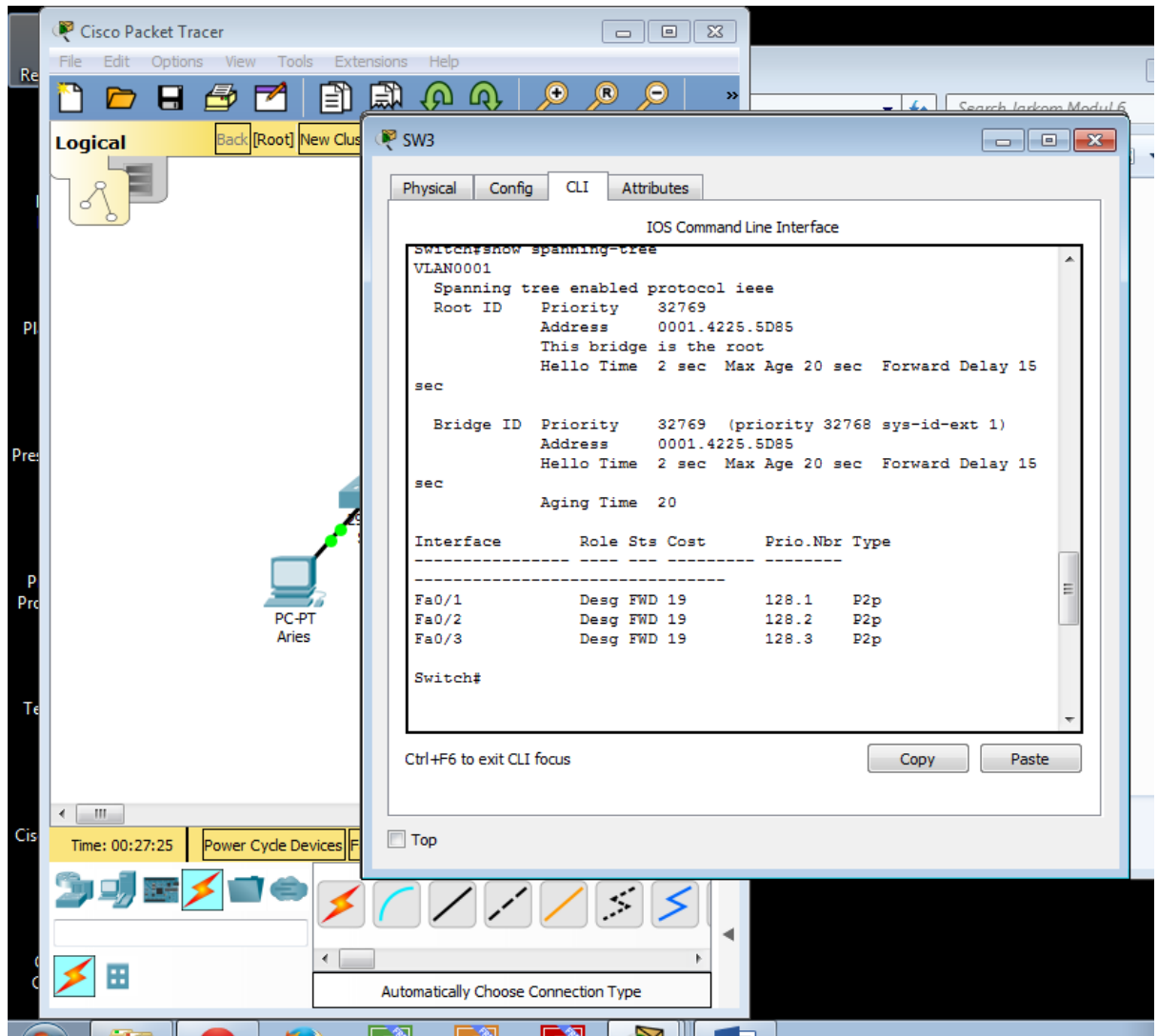
SW 2



No	Variable	Nilai
1	Root ID	32769 / 0001.4225.5D85
2	Priority	32769
3	Mac Addrres	0001.4225.5D85
4	Bridge ID	32769
5	Cost	19
6	Hello time	2 sec
7	Max Age	20 sec
8	Forward Delay	15 sec

Interface	Role	Sts	Cost
Fa 0/1	Desg	FWD	19
Fa 0/2	Desg	FWD	19
Fa 0/3	Root	FWD	19

SW3



No	Variable	Nilai
1	Root ID	32769 / 0001.4225.5D85
2	Priority	32769
3	Mac Adres	0001.4225.5D85
4	Bridge ID	32769
5	Cost	19
6	Hello time	2 sec
7	Max Age	20 sec
8	Forward Delay	15 sec

Interface	Role	Sts	Cost
Fa 0/1	Desg	FWD	19
Fa 0/2	Desg	FWD	19
Fa 0/3	Desg	FWD	19

TUGAS 4C

ROOT BRIDGE = SW 3

DESIGNATED BRIDGE = SW 3 pada Fa 0/1 , 0/2, 0/3

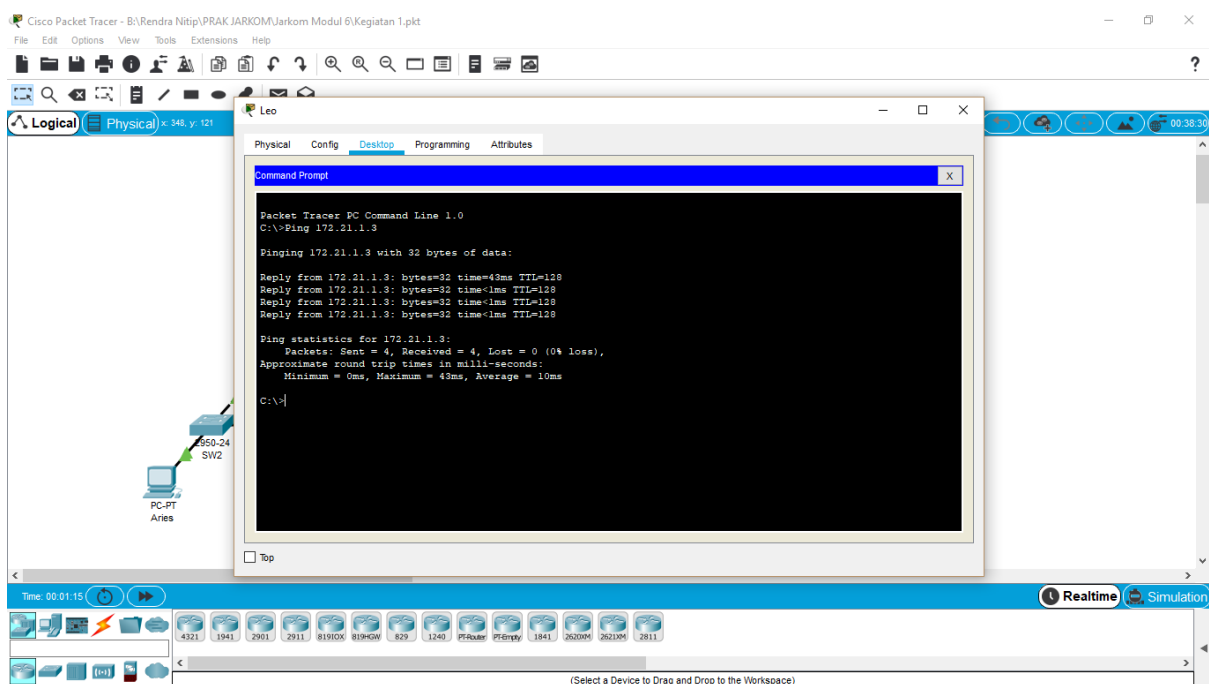
ROOT PORT = SW 1 Fa 0/3, SW 2 Fa 0/3

DESIGNATED PORT = SW 3

TUGAS 4D

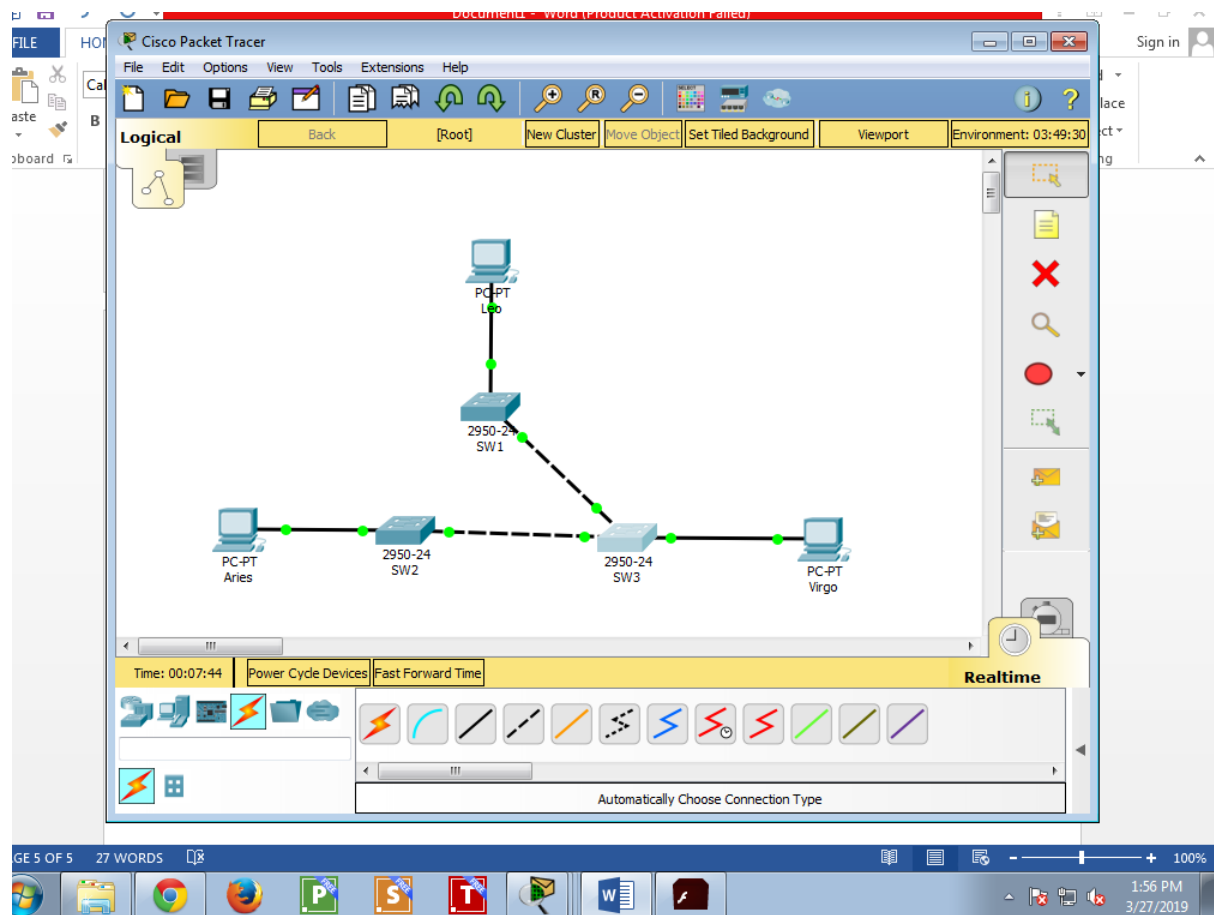
Berada pada keadaan forwarding adalah SW 2 dan SW 3

Berada pada keadaan blocking adalah SW 1

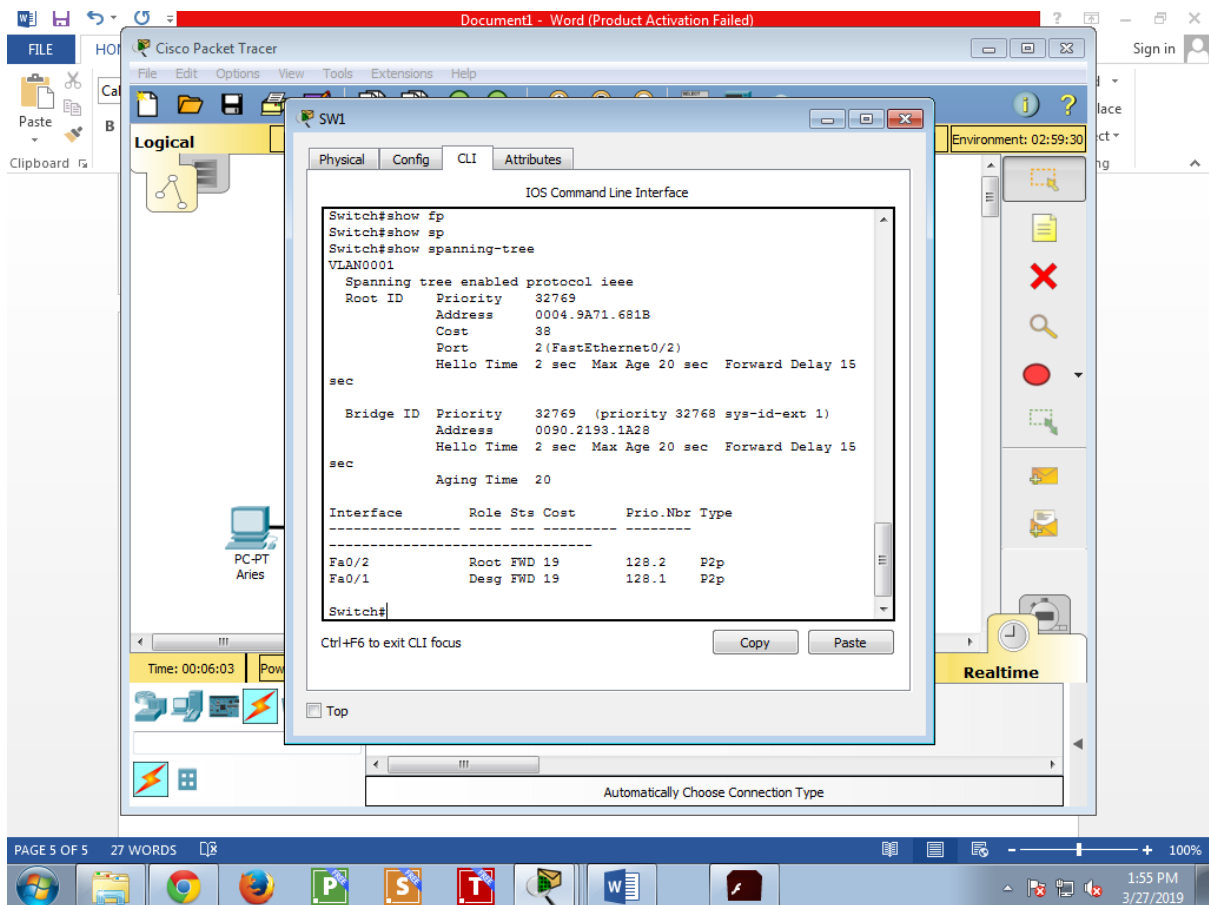


Kegiatan 2

Topologi



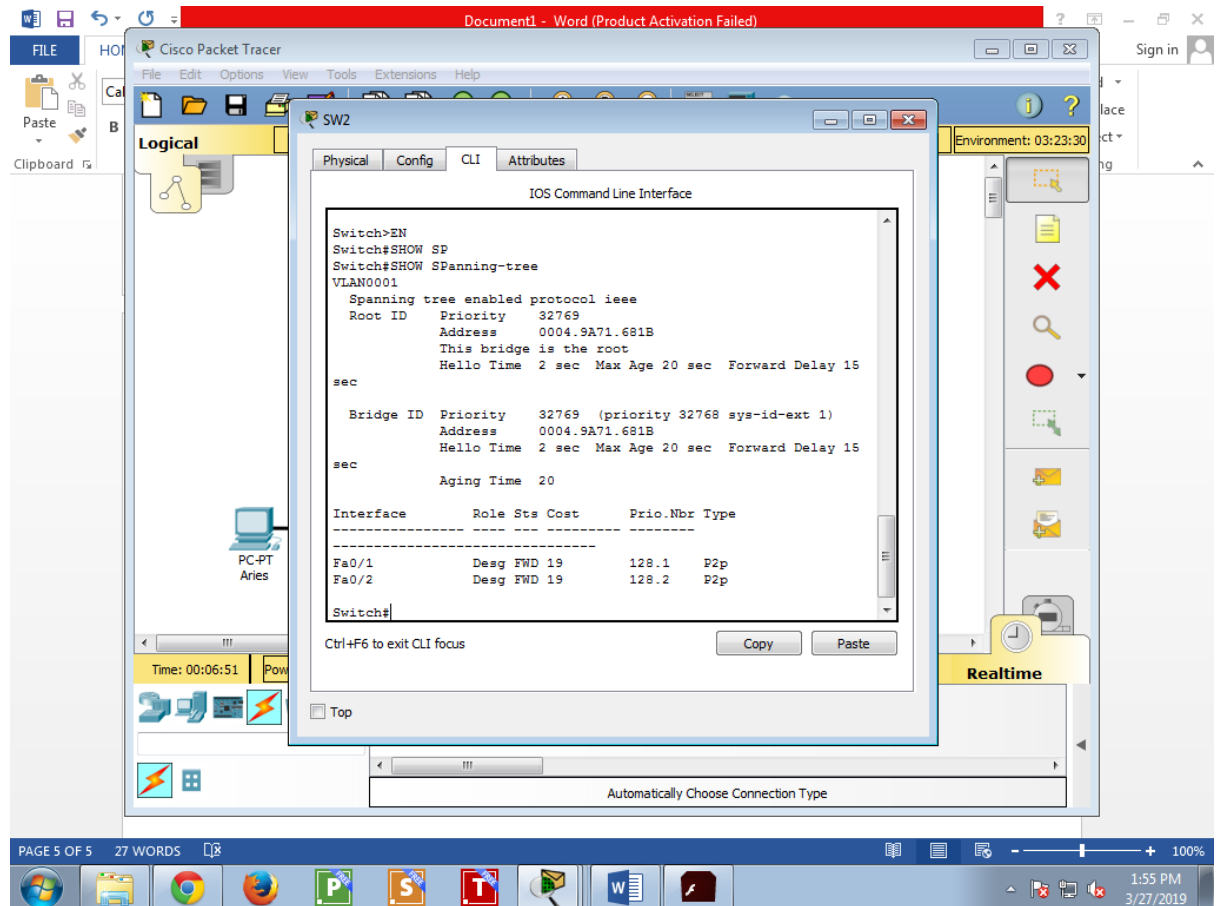
SW 1



No	Variable	Nilai
1	Root ID	32769 / 0001.9A71.681B
2	Priority	32769
3	Mac Adrrs	0004.9A71.681B
4	Bridge ID	32769
5	Cost	19
6	Hello time	2 sec
7	Max Age	20 sec
8	Forward Delay	15 sec

Interface	Role	Sts	Cost
Fa 0/2	Root	FWD	19
Fa 0/1	Desg	FWD	19

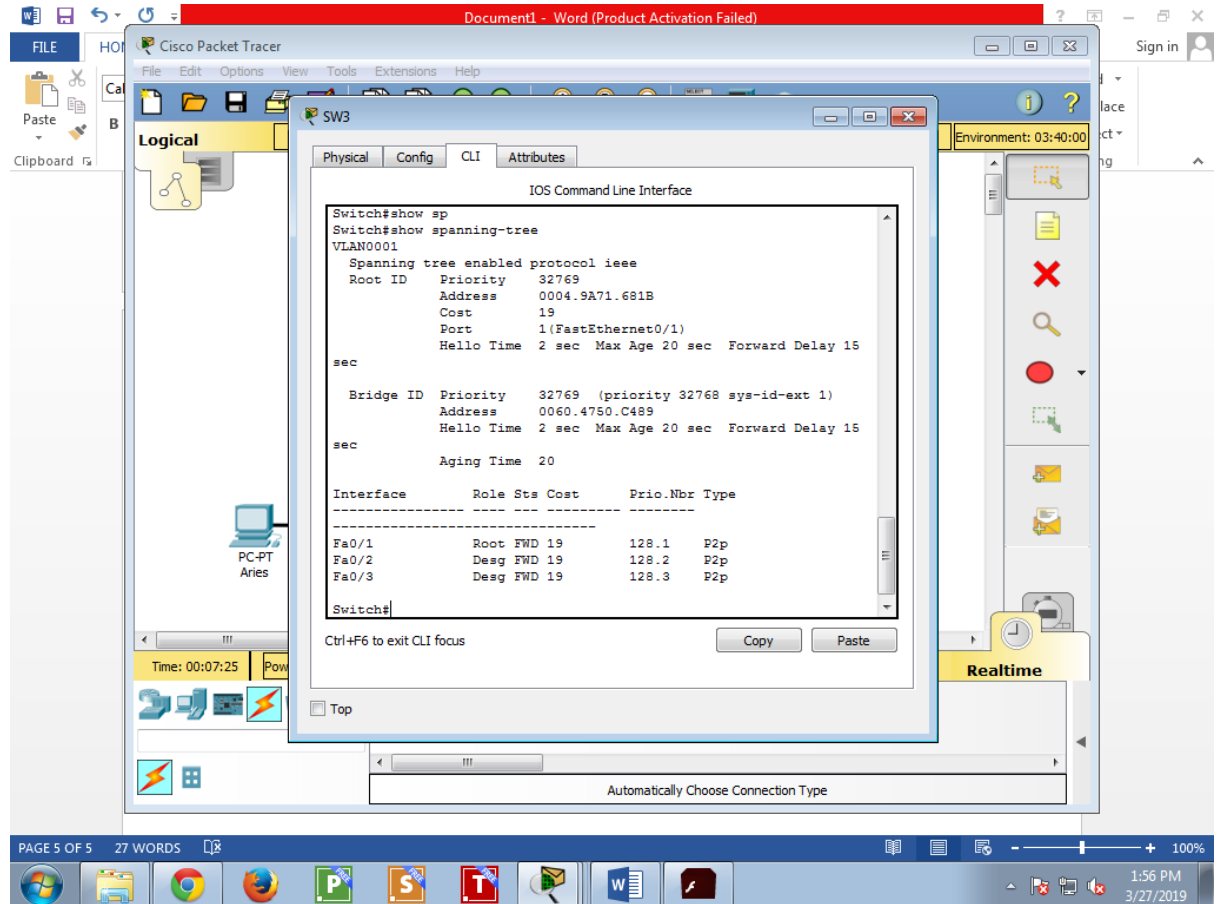
SW 2



No	Variable	Nilai
1	Root ID	32769 / 0001.9A71.681B
2	Priority	32769
3	Mac Adres	0004.9A71.681B
4	Bridge ID	32769
5	Cost	19
6	Hello time	2 sec
7	Max Age	20 sec
8	Forward Delay	15 sec

Interface	Role	Sts	Cost
Fa 0/1	Desg	FWD	19
Fa 0/2	Desg	FWD	19

SW 3



No	Variable	Nilai
1	Root ID	32769 / 0001.9A71.681B
2	Priority	32769
3	Mac Addrres	0004.9A71.681B
4	Bridge ID	32769
5	Cost	19
6	Hello time	2 sec
7	Max Age	20 sec
8	Forward Delay	15 sec

Interface	Role	Sts	Cost
Fa 0/1	Root	FWD	19
Fa 0/2	Desg	FWD	19
Fa 0/3	Desg	FWD	19

TUGAS 4C

ROOT BRIDGE = SW 2

DESIGNATED BRIDGE = SW 2, SW 1 pada Fa 0/1 , 0/2

ROOT PORT = SW 1 Fa 0/2, SW 3 Fa 0/1

DESIGNATED PORT = -

TUGAS 4D

Berada pada keadaan forwarding adalah SW 2 dan SW 3

Berada pada keadaan blocking adalah –

Ping dari Leo ke Virgo

