

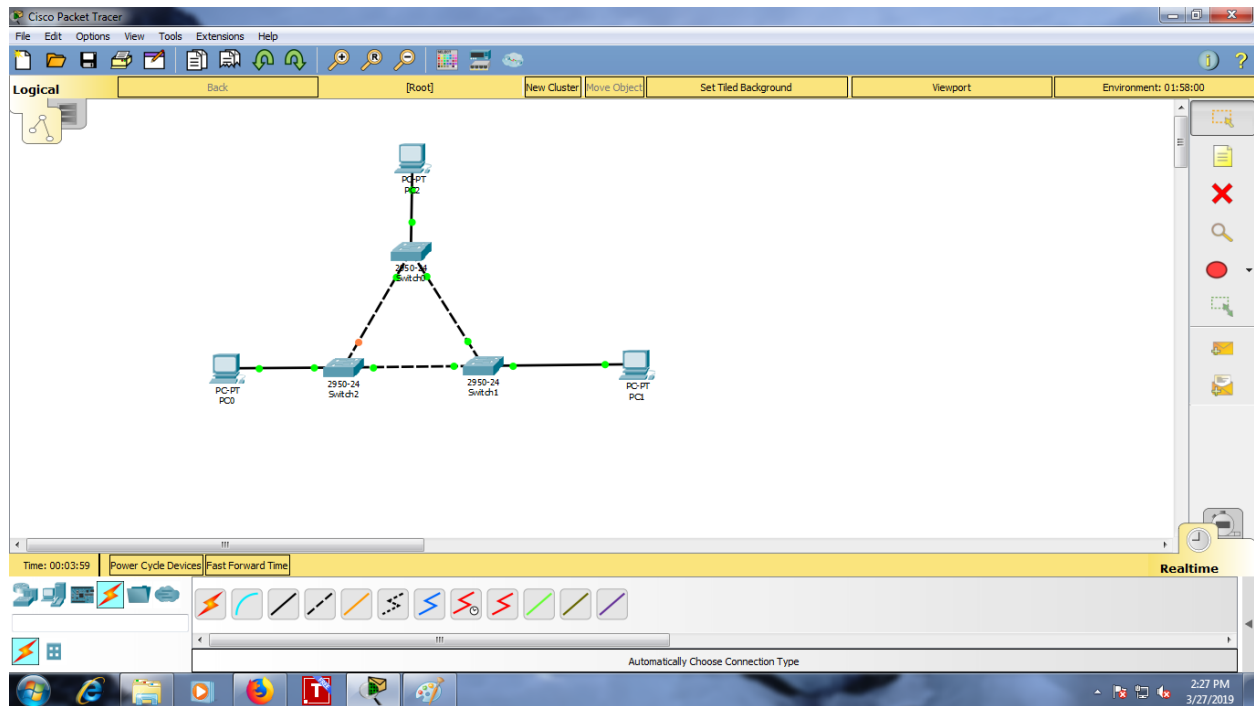
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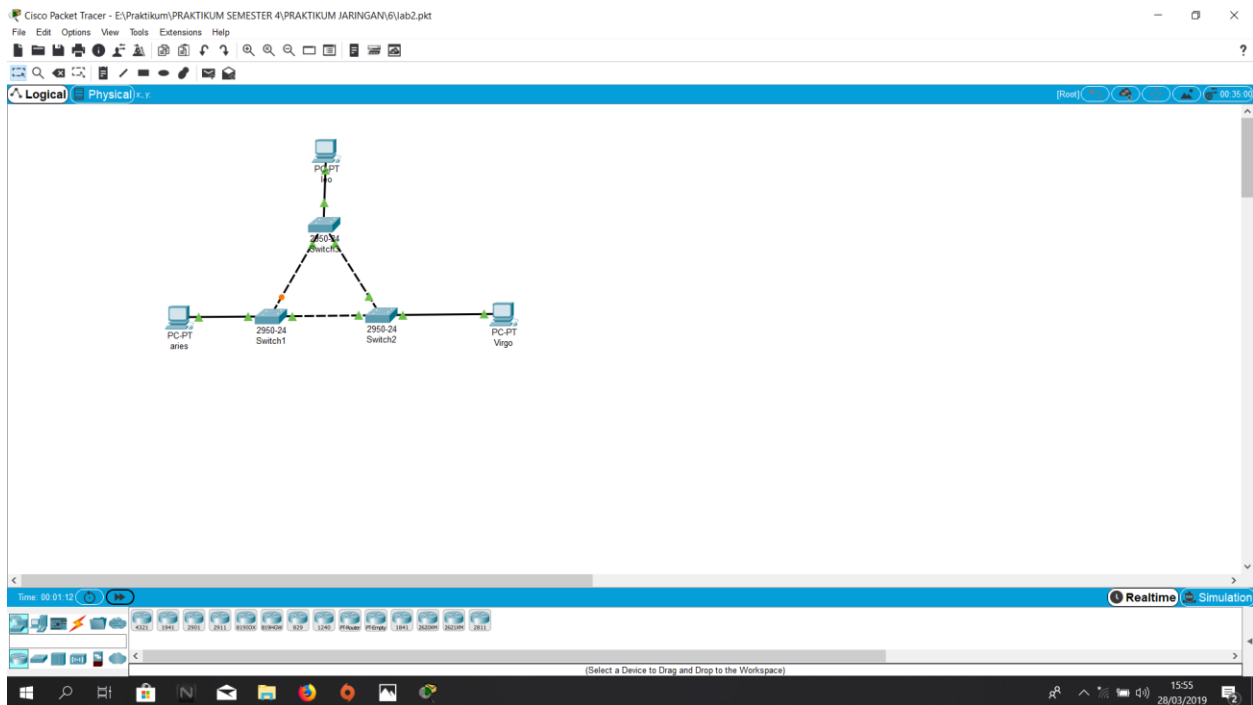
Kelas : B

## MODUL 6

1.



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3. Isi IP

4.

Three overlapping windows showing the IOS Command Line Interface for Switch1, Switch2, and Switch3. Each window displays the output of the 'show spanning-tree' command for VLAN0001.

**Switch1 Output:**

```
Switch#show spanning-tree
VLAN0001
Spanning tree enabled protocol ieee
Root ID    Priority    32769
Address    0001.96DE.8D8C
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    0060.7036.5D4B
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    Root FWD 19   128.2 P2p
Fa0/3    Altn BLK 19   128.3 P2p
Switch#
```

**Switch2 Output:**

```
Switch#show spanning-tree
VLAN0001
Spanning tree enabled protocol ieee
Root ID    Priority    32769
Address    0001.96DE.8D8C
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    0060.4780.2321
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    Root FWD 19   128.2 P2p
Fa0/3    Desg FWD 19   128.3 P2p
Switch#
```

**Switch3 Output:**

```
Switch#show spanning-tree
VLAN0001
Spanning tree enabled protocol ieee
Root ID    Priority    32769
Address    0001.96DE.8D8C
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    0060.4780.2321
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    Root FWD 19   128.2 P2p
Fa0/3    Desg FWD 19   128.3 P2p
Switch#
```

SW 1

NO	Variabel	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Addrres	0001.96DE.8D8C
4	Bridge ID	32769
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

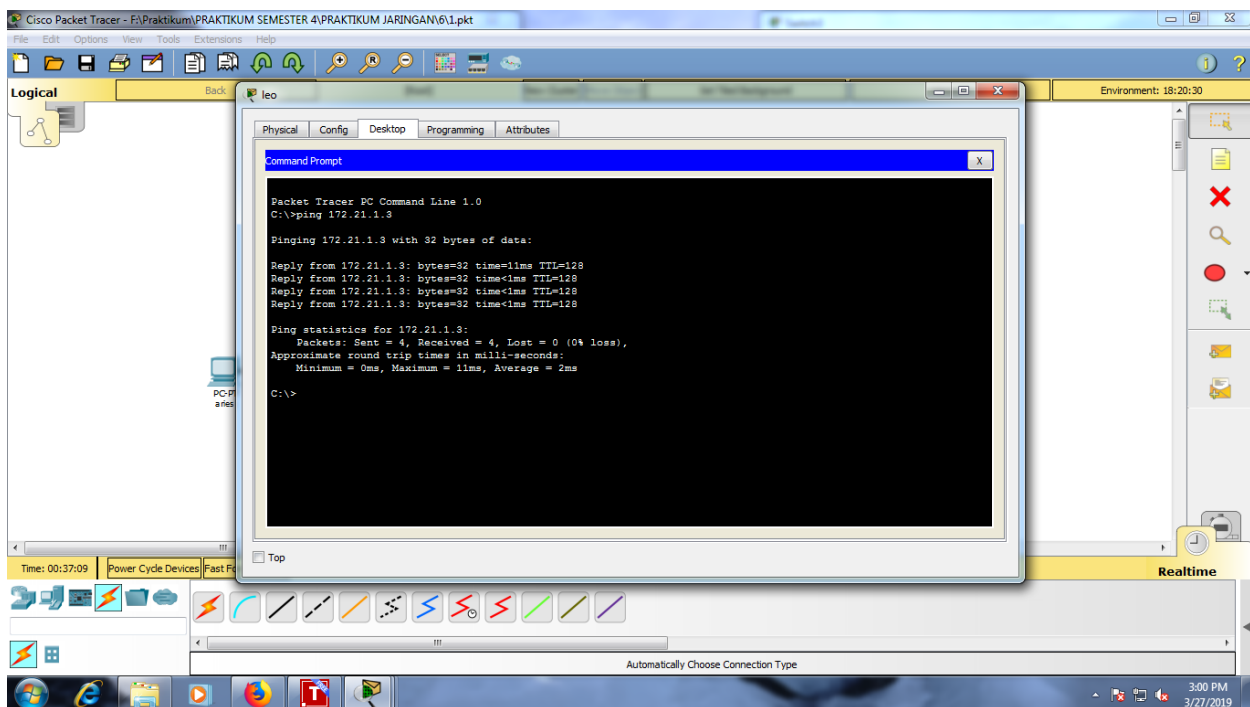
NO	Variabel	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Addrres	0001.96DE.8D8C
4	Bridge ID	32769
5	Cost(0/1,0/2,0/3)	19;19;19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

SW 3

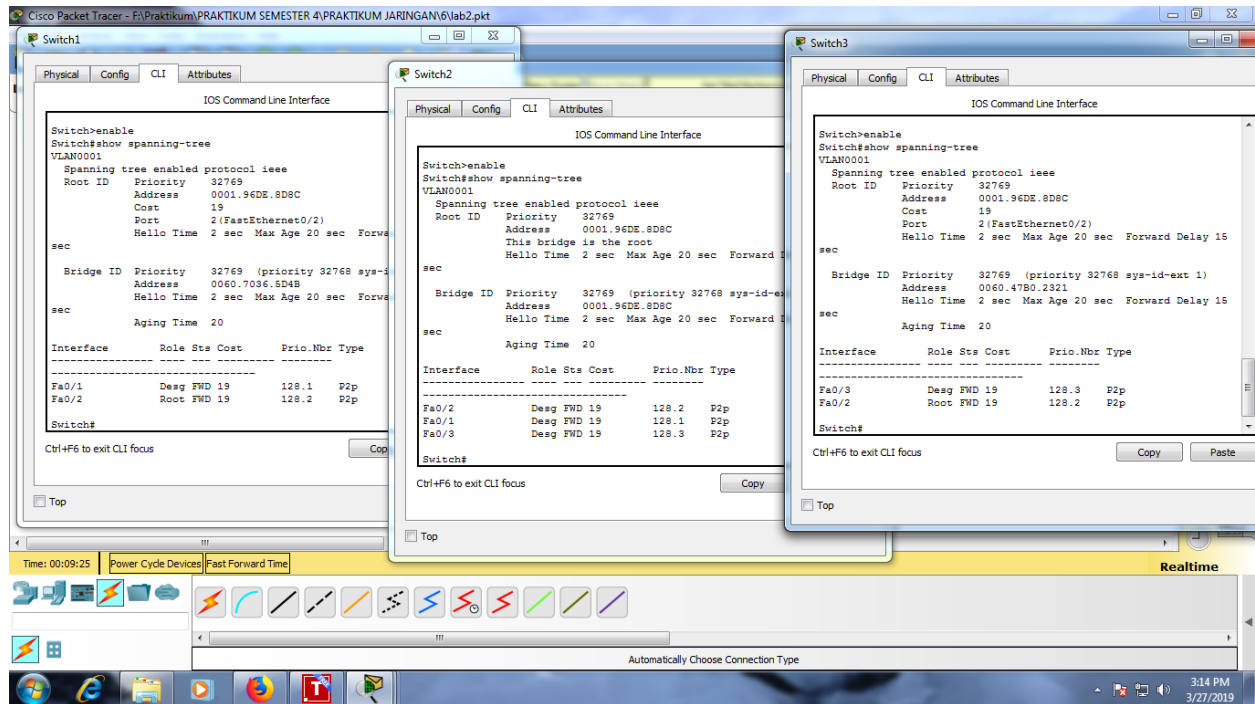
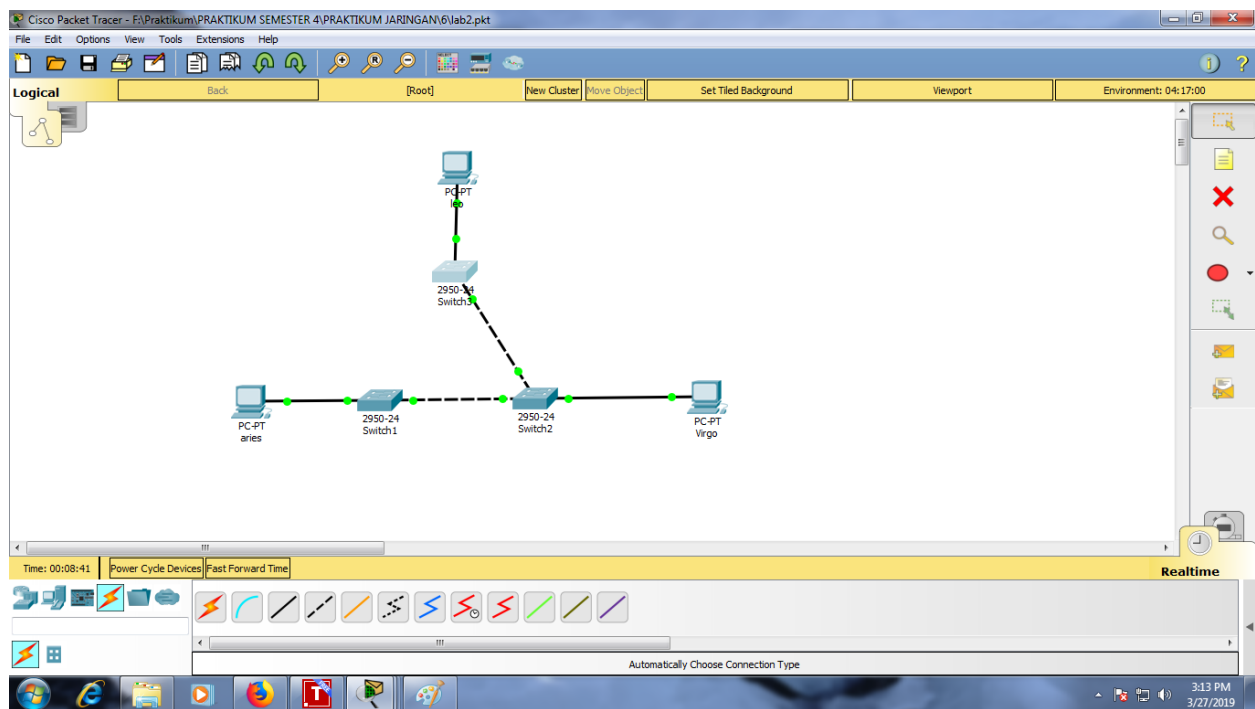
NO	Variabel	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Addrres	0001.96DE.8D8C
4	Bridge ID	32769
5	Cost(0/1,0/2,0/3)	19;19;19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15 sec

- 4C
  - Root bridge sw2
  - Designated bridge sw2
  - Root port sw1
  - Designated port sw2
- 4D
  - Forwarding sw2/sw3
  - Blocking sw1

5.



# Tugas



SW 1

NO	Variabel	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Addrres	0060.96DE.8D8B
4	Bridge ID	32769
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	Variabel	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Addrres	0001.96DE.8D8C
4	Bridge ID	32769
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	Variabel	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Addrres	0001.96DE.8D8C
4	Bridge ID	32769
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

- 4C
  - Root bridge sw1 / sw3
  - Designated bridge sw2
  - Root port sw1 / sw 3
  - Designated port sw2
- 4D
  - Forwarding sw2/sw3/sw3
  - Blocking

5.

