

Nama : Yussynta Dewi Aprilya Putri

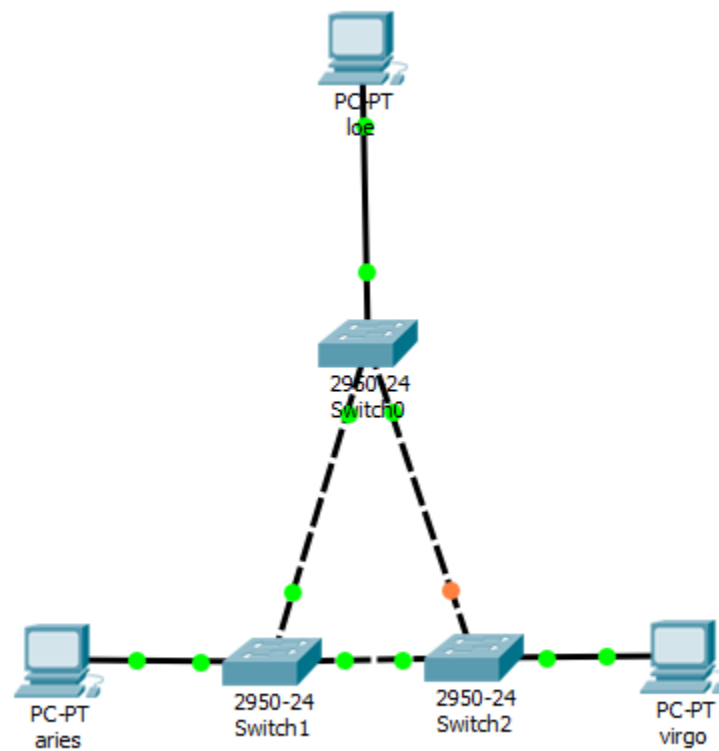
NIM : L200170084

Kelas : B

MODUL06

Kegiatan1.

1. Menggunakan Packet Tracer seperti topologi berikut:



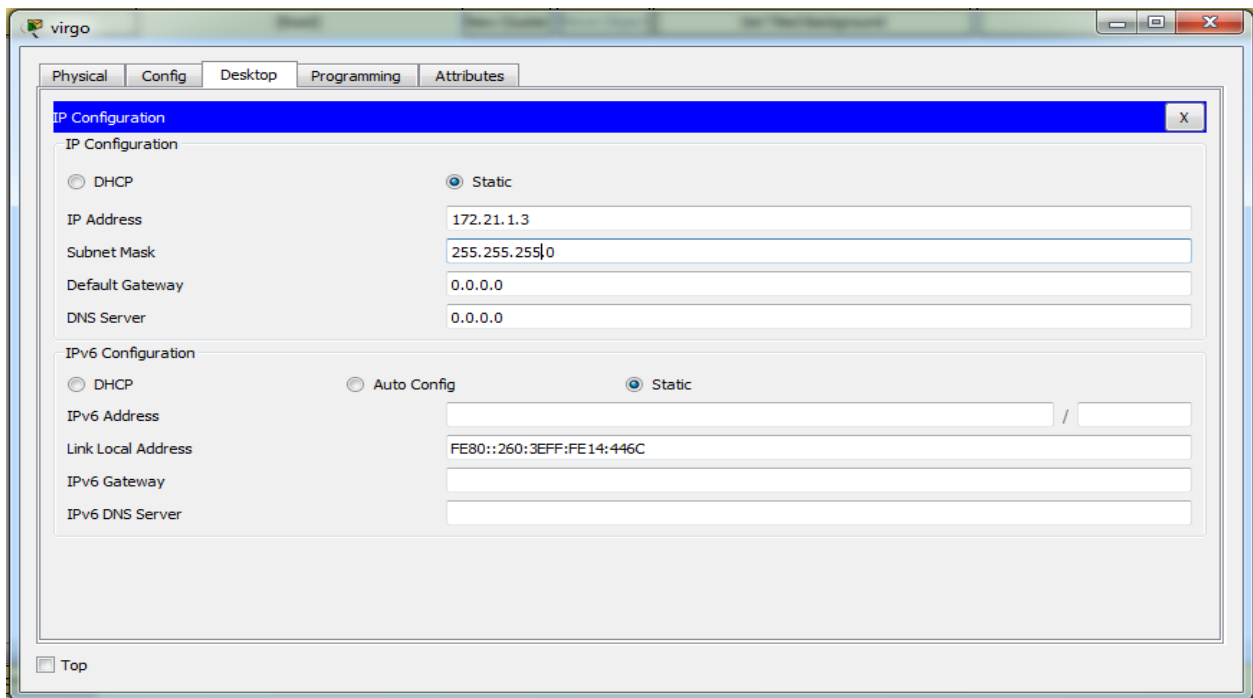
2. Konfigurasi masing-masing PC dengan alamat IP

The screenshot shows the 'IP Configuration' window for a PC named 'leo'. The window has tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Config' tab is selected. The 'IP Configuration' section is active, showing options for 'DHCP' and 'Static'. The 'Static' option is selected. The 'IP Address' is set to '172.21.1.1', 'Subnet Mask' is '255.255.255.0', 'Default Gateway' is '0.0.0.0', and 'DNS Server' is '0.0.0.0'. The 'IPv6 Configuration' section is also visible, with 'Auto Config' and 'Static' options. The 'Static' option is selected. The 'IPv6 Address' is empty, 'Link Local Address' is 'FE80::260:70FF:FE5B:97A7', 'IPv6 Gateway' is empty, and 'IPv6 DNS Server' is empty. A 'Top' button is at the bottom left.

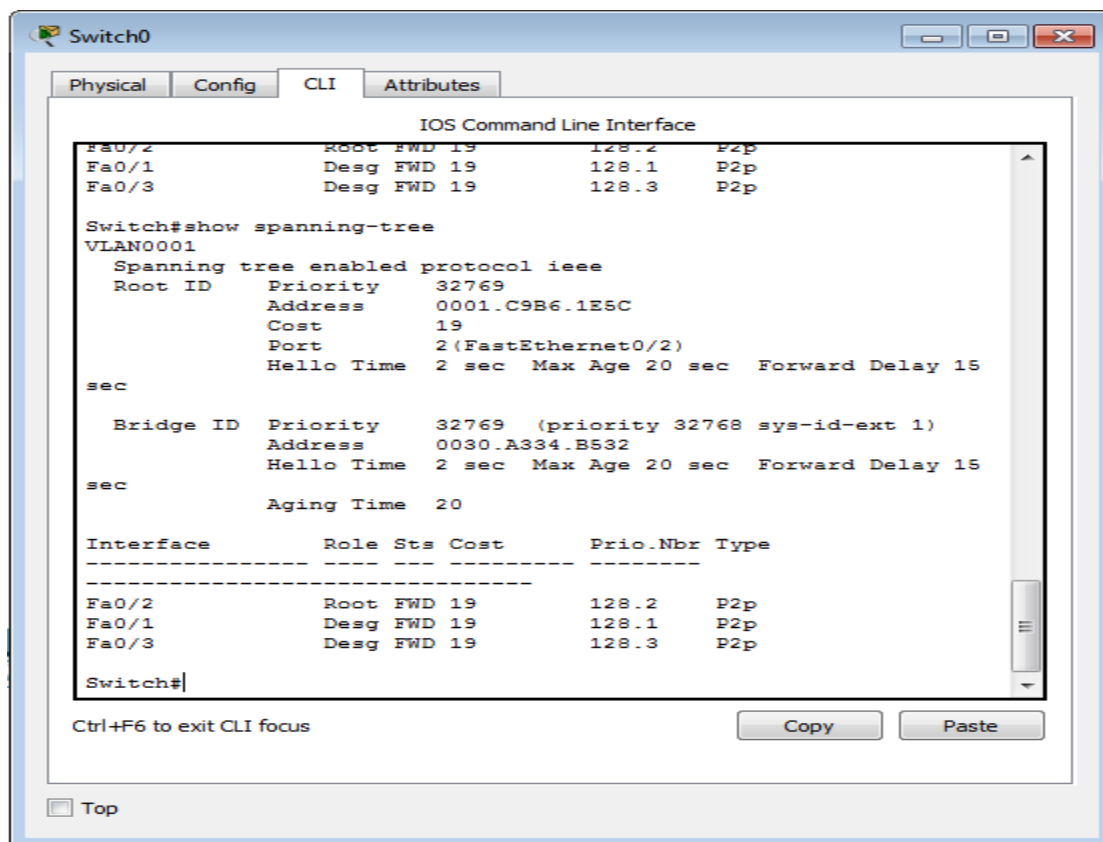
Field	Value
IP Address	172.21.1.1
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0
IPv6 Address	
Link Local Address	FE80::260:70FF:FE5B:97A7
IPv6 Gateway	
IPv6 DNS Server	

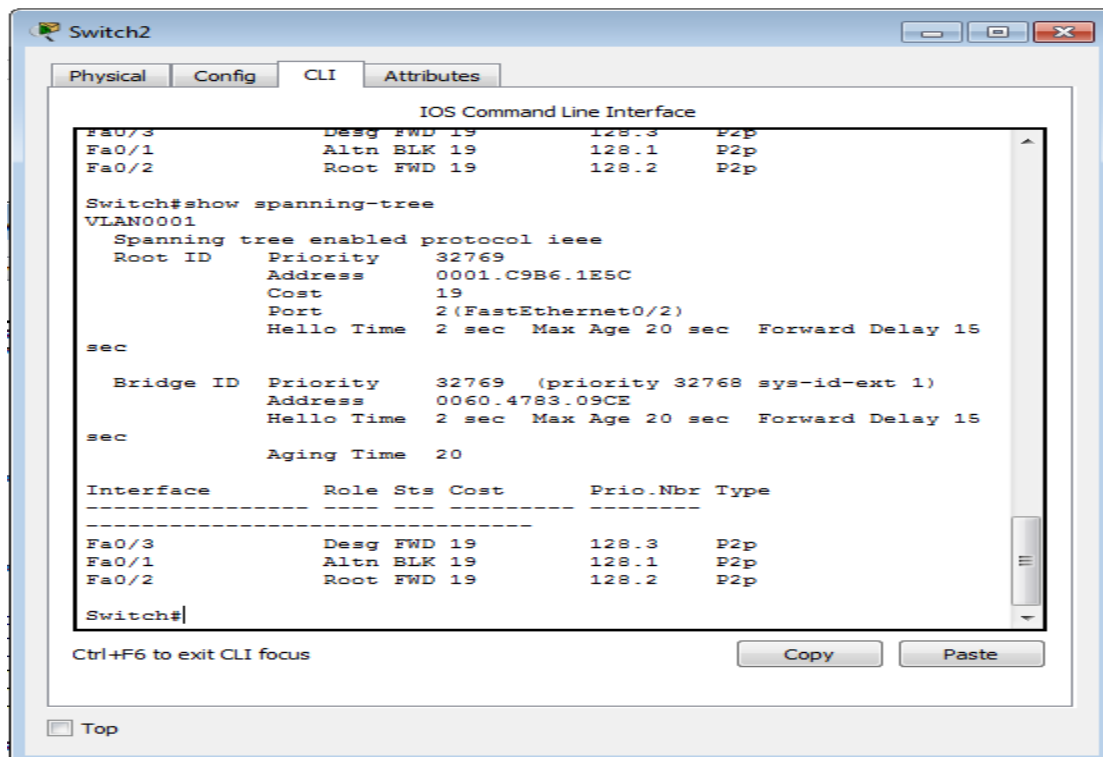
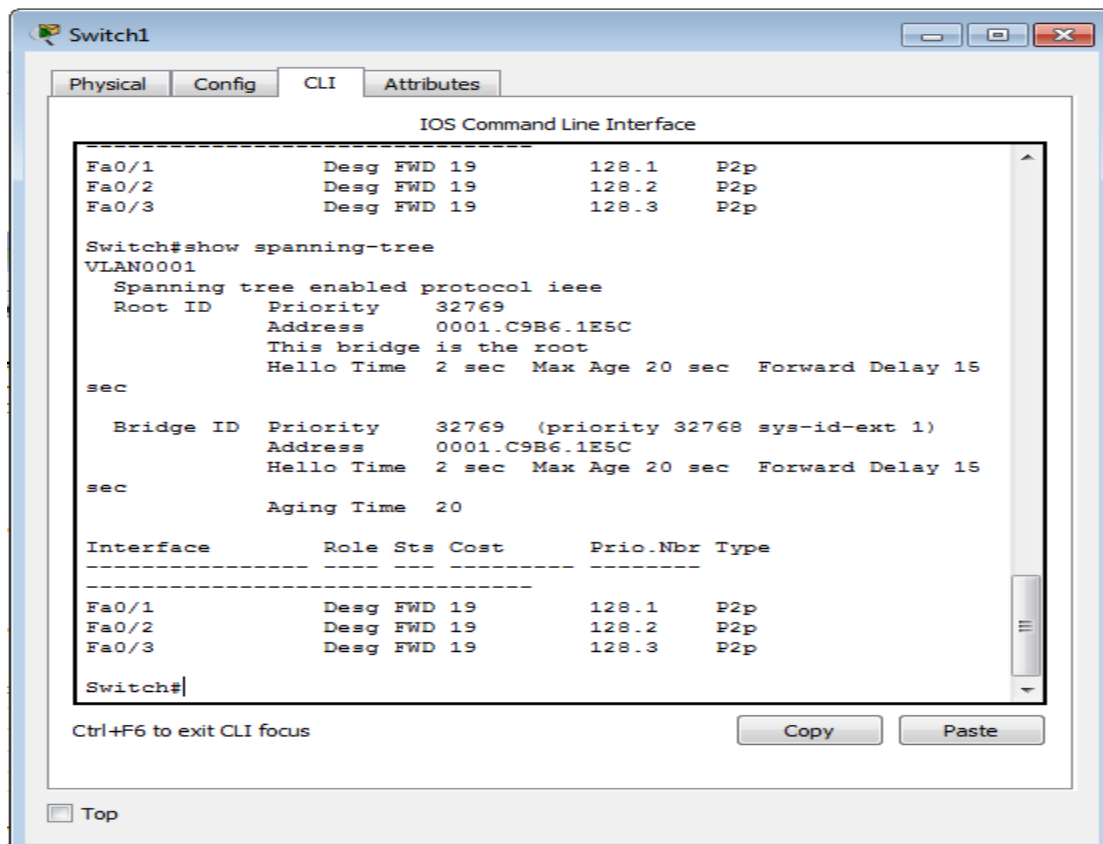
The screenshot shows the 'IP Configuration' window for a PC named 'aries'. The window has tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Config' tab is selected. The 'IP Configuration' section is active, showing options for 'DHCP' and 'Static'. The 'Static' option is selected. The 'IP Address' is set to '172.21.1.2', 'Subnet Mask' is '255.255.255.0', 'Default Gateway' is '0.0.0.0', and 'DNS Server' is '0.0.0.0'. The 'IPv6 Configuration' section is also visible, with 'Auto Config' and 'Static' options. The 'Static' option is selected. The 'IPv6 Address' is empty, 'Link Local Address' is 'FE80::260:3EFF:FE21:D6D3', 'IPv6 Gateway' is empty, and 'IPv6 DNS Server' is empty. A 'Top' button is at the bottom left.

Field	Value
IP Address	172.21.1.2
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0
IPv6 Address	
Link Local Address	FE80::260:3EFF:FE21:D6D3
IPv6 Gateway	
IPv6 DNS Server	



3. Pada mode user atau mode privileged, lihat status STP pada masing-masing switch





- Switch0

No	Variable	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Address	0001.C9B6.1E5C
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	19
6	Hello Time	2 Sec
7	Max Age	20 Sec
8	Forward Delay	15 Sec

- Switch1

No	Variable	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Address	0001.C9B6.1E5C
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	19
6	Hello Time	2 Sec
7	Max Age	20 Sec
8	Forward Delay	15 Sec

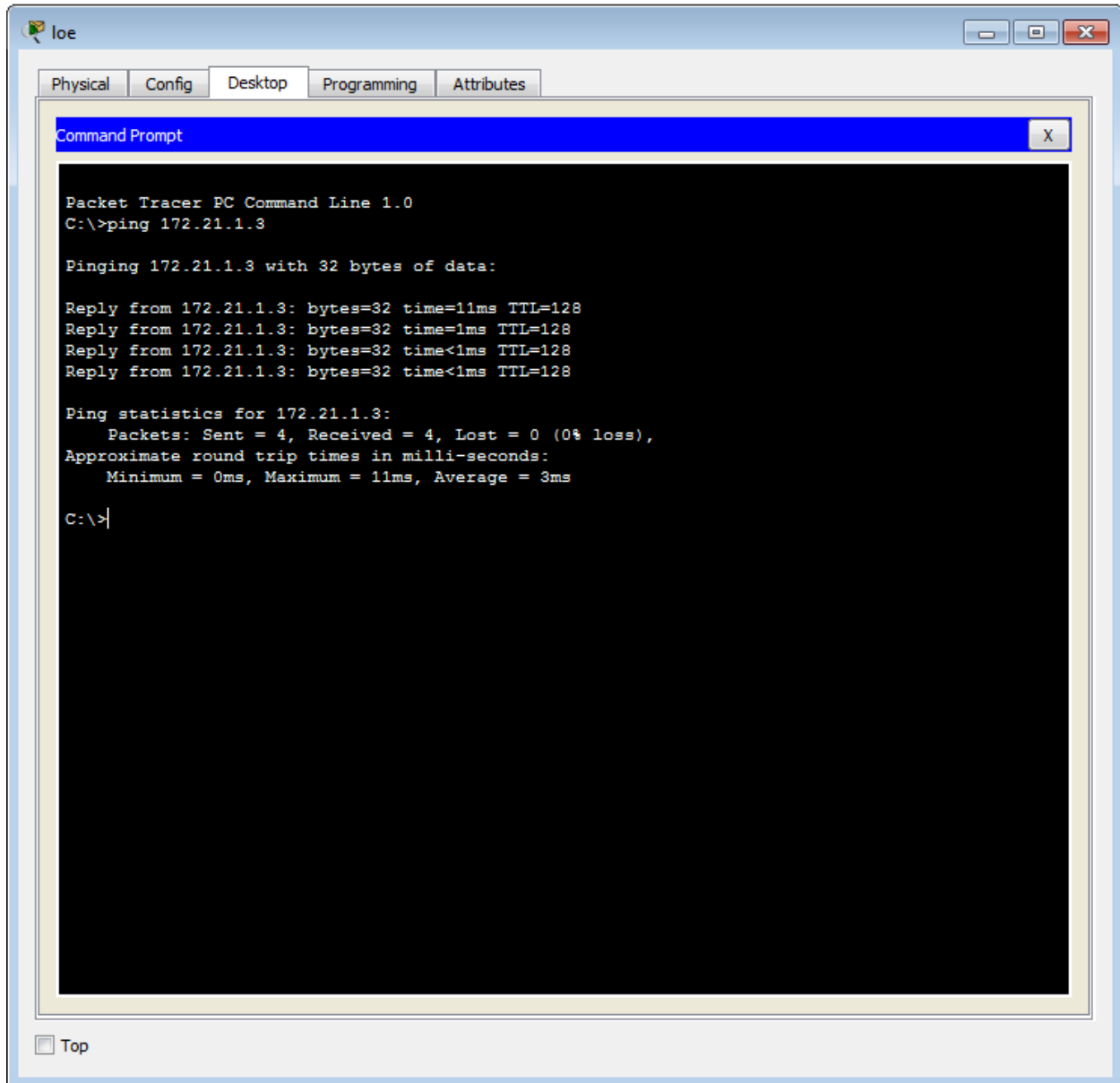
- Switch2

No	Variable	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Address	0001.C9B6.1E5C
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	19
6	Hello Time	2 Sec
7	Max Age	20 Sec
8	Forward Delay	15 Sec

- Tugas 4C : Pada kondisi default, switch dan port mana saja yang menjadi:
 - Root Bridge : Switch1
 - Designated Bridge : Switch1
 - Root Port : Switch0(Fa0/2) dan Switch2(Fa0/2)
 - Designated Port : Switch2(Fa0/1,Fa0/2,Fa0/3)

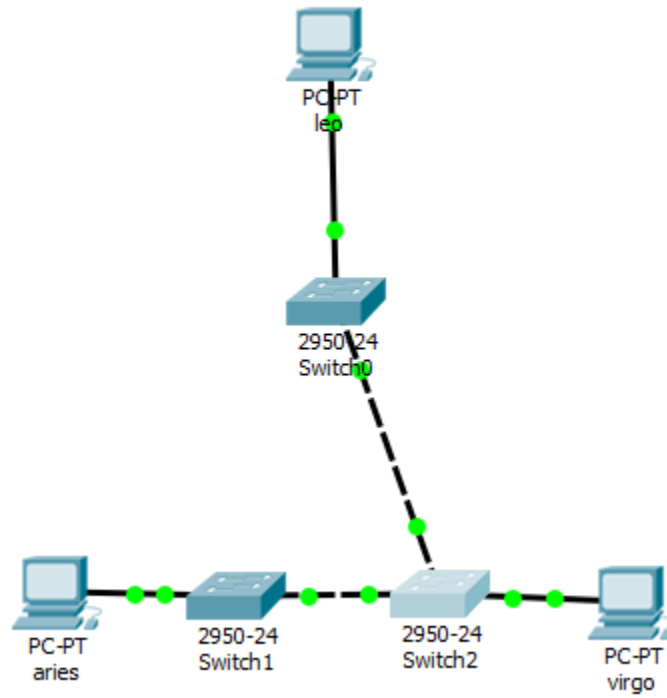
- Tugas 4D : Pada kondisi default, switch dan port mana saja yang berada pada keadaan:
 - Forwarding : Switch0 dan Switch1
 - Blocking : Switch2(0/1)

4. Melakukan ping dari PC Leo ke PC Virgo

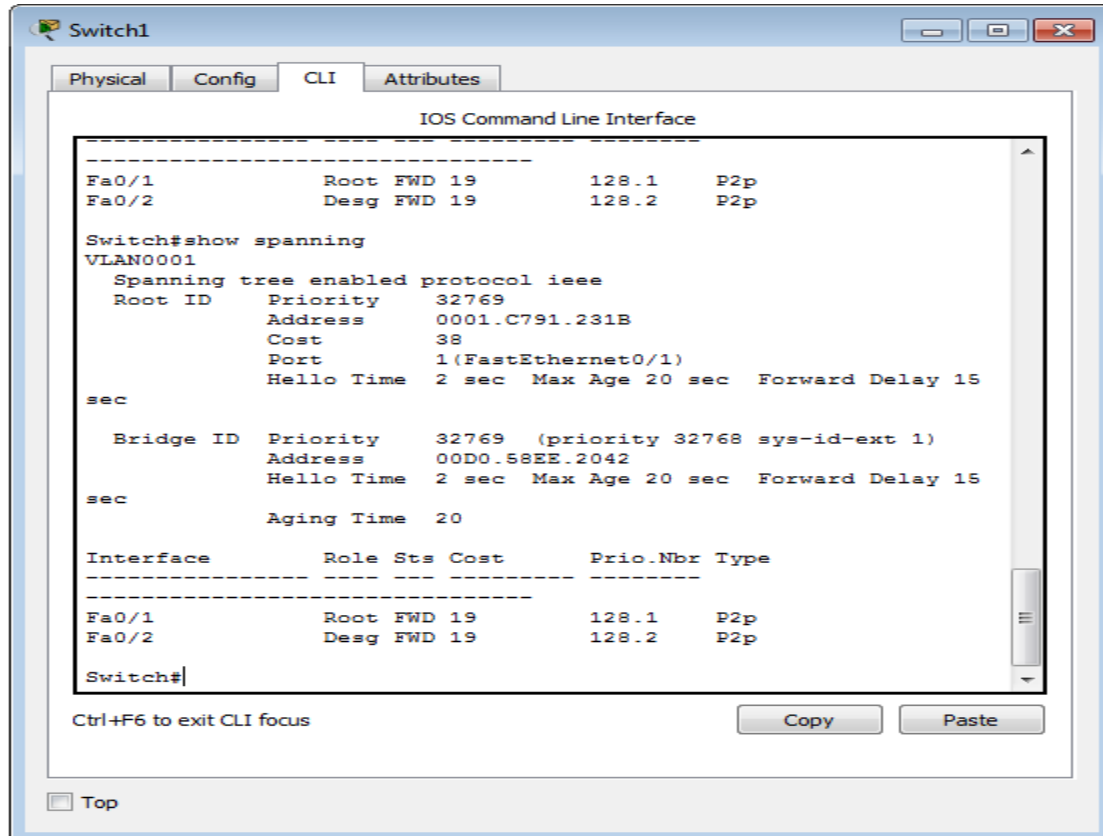
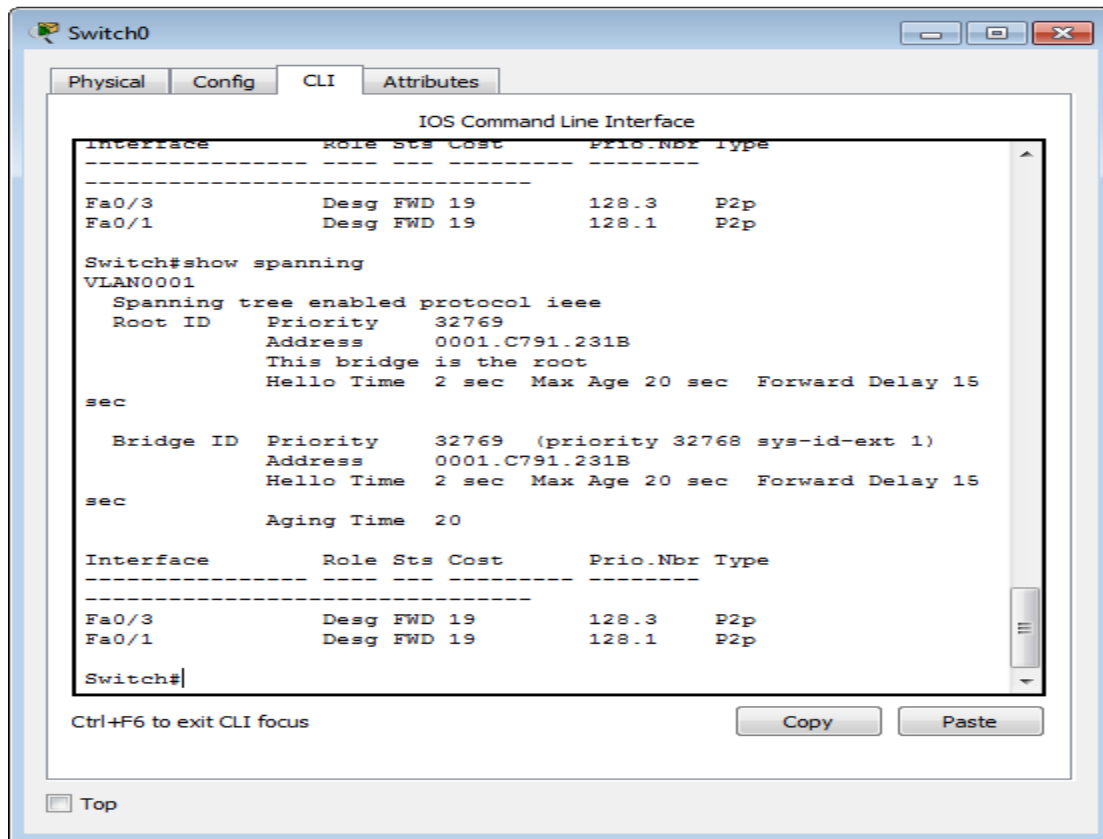


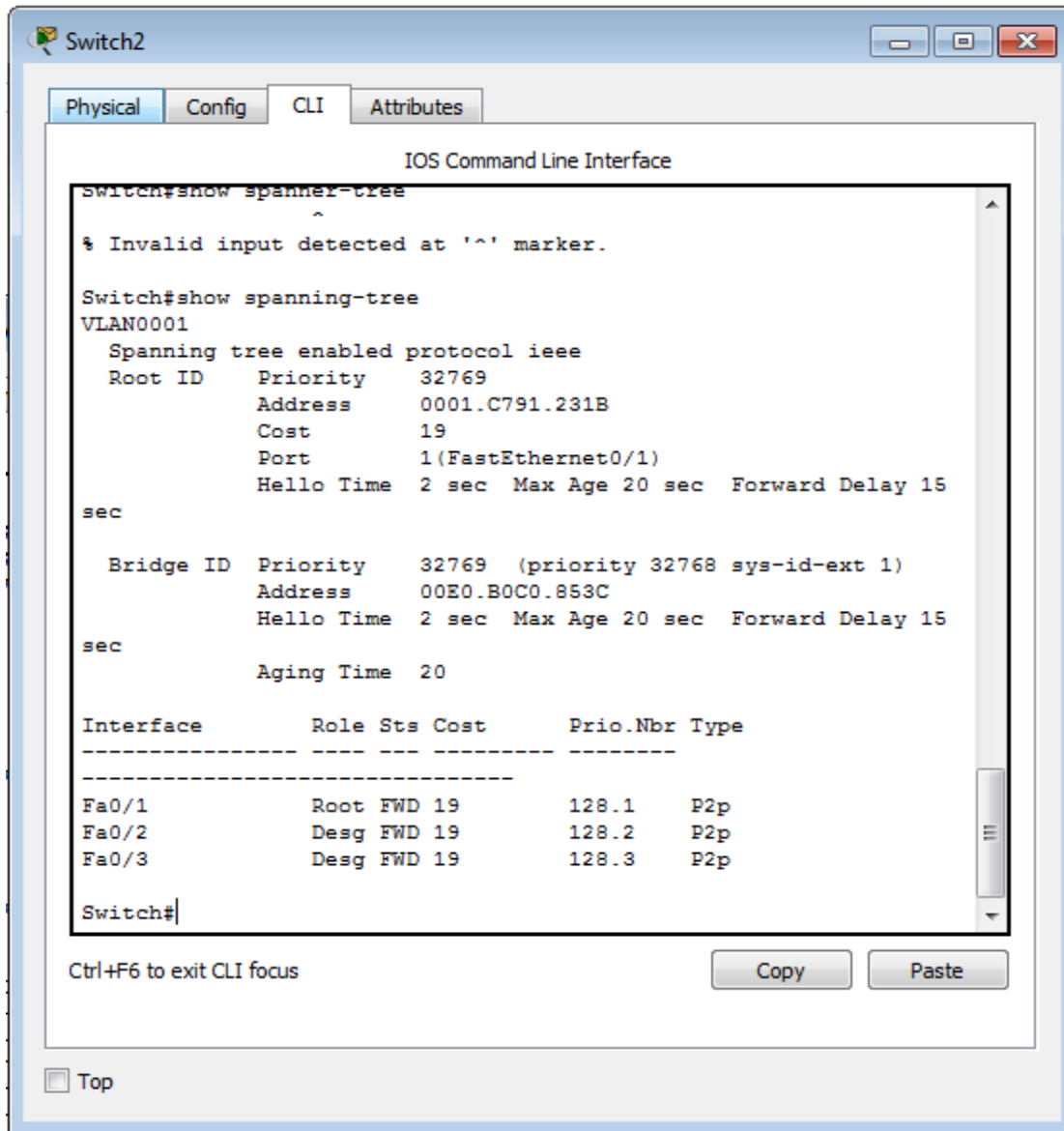
Kegiatan 2

1. Menggunakan Packet Tracer seperti topologi berikut:



2. Konfigurasi masing-masing PC dengan alamat IP seperti pada kegiatan 1
3. Pada mode user atau mode privileged, lihat status STP pada masing-masing switch





○ Switch0

No	Variable	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Address	0001.C791.231B
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	19
6	Hello Time	2 Sec
7	Max Age	20 Sec
8	Forward Delay	15 Sec

○ Switch1

No	Variable	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Address	0001.C791.231B
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	19
6	Hello Time	2 Sec
7	Max Age	20 Sec
8	Forward Delay	15 Sec

○ Switch2

No	Variable	Nilai
1	Root ID	32769
2	Priority	32769
3	MAC Address	0001.C791.231B
4	Bridge ID	32769
5	Cost (0/1;0/2;0/3)	19
6	Hello Time	2 Sec
7	Max Age	20 Sec
8	Forward Delay	15 Sec

- Tugas 4C : Pada kondisi default, switch dan port mana saja yang menjadi:
 - Root Bridge : Switch0
 - Designated Bridge : Switch0(Fa0/1, Fa0/3)
 - Root Port : Switch1(Fa0/1) dan Switch2(0/1)
 - Designated Port : Switch0(Fa0/1, Fa0/3)
- Tugas 4D : Pada kondisi default, switch dan port mana saja yang berada pada keadaan:
 - Forwarding : Switch1, Switch2 dan Switch3
 - Blocking : -

4. Melakukan ping dari PC Leo le PC Virgo:

