

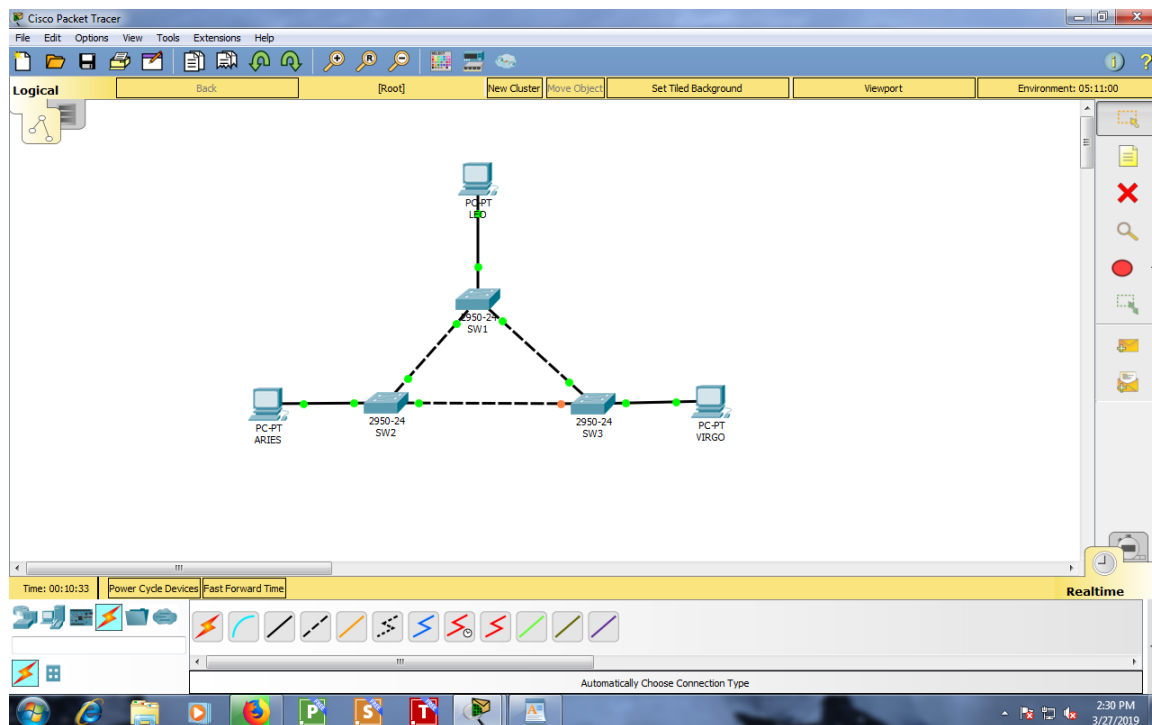
Nama : Fida Amy N A

NIM : L200170075

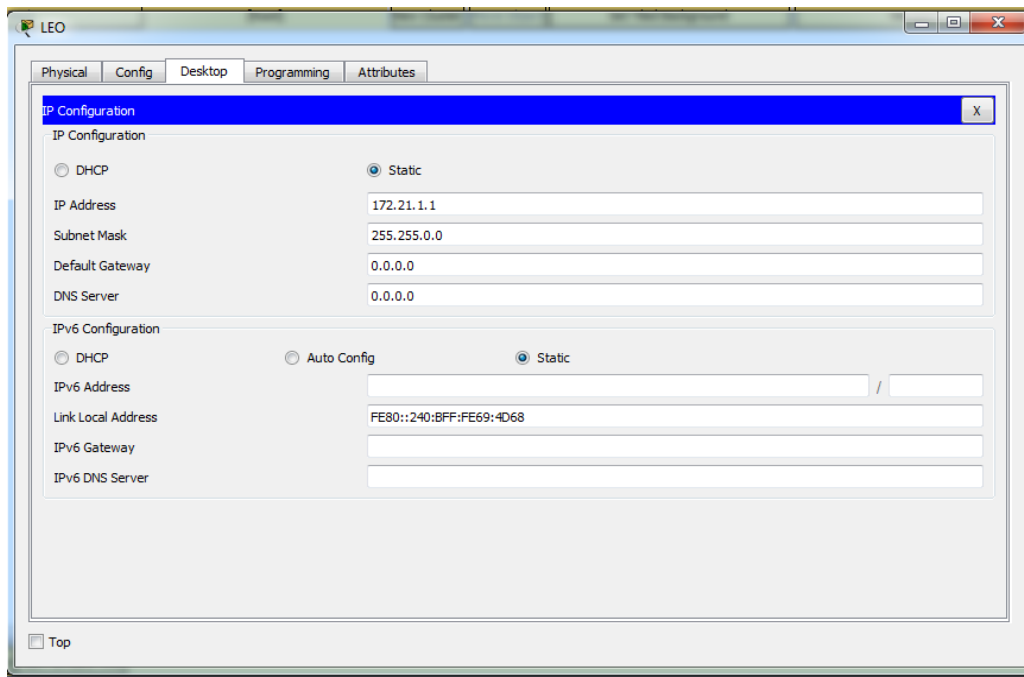
Kelas : B

Topologi 2

1 & 2



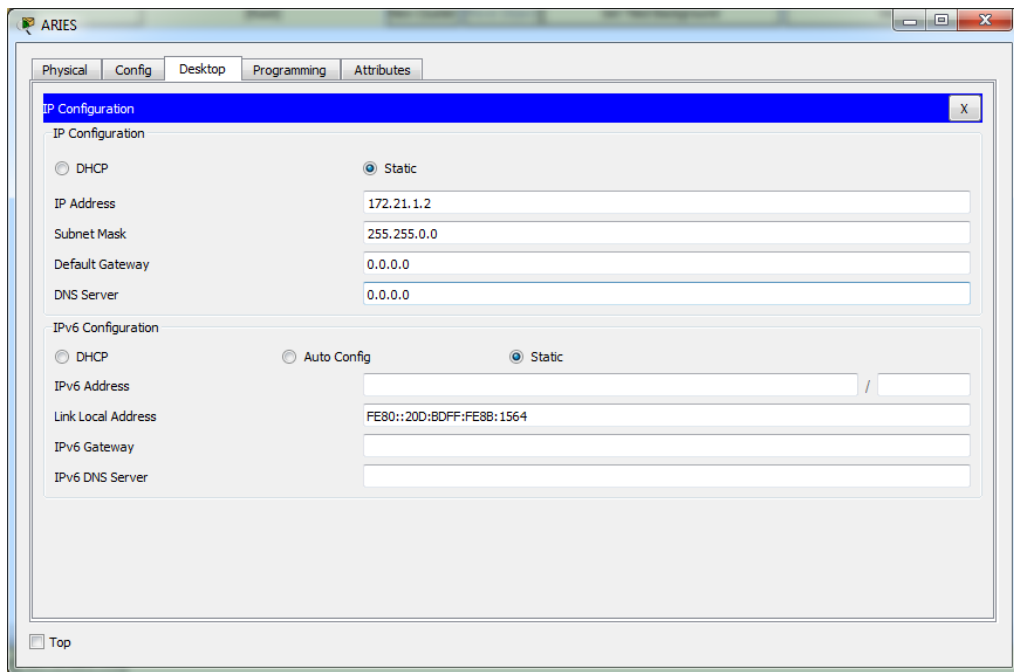
IP Adress LEO



The screenshot shows the 'IP Configuration' window for the 'LEO' device. The window has tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Config' tab is active, and the 'IP Configuration' sub-tab is selected. The 'IP Configuration' section has two radio buttons: 'DHCP' and 'Static'. The 'Static' radio button is selected. Below the radio buttons are five text input fields: 'IP Address' (172.21.1.1), 'Subnet Mask' (255.255.0.0), 'Default Gateway' (0.0.0.0), and 'DNS Server' (0.0.0.0). The 'IPv6 Configuration' section has three radio buttons: 'DHCP', 'Auto Config', and 'Static'. The 'Static' radio button is selected. Below the radio buttons are four text input fields: 'IPv6 Address' (empty), 'Link Local Address' (FE80::240:BFF:FE69:4D68), 'IPv6 Gateway' (empty), and 'IPv6 DNS Server' (empty). A 'Top' button is located at the bottom left of the window.

IP Configuration	
<input type="radio"/> DHCP <input checked="" type="radio"/> Static	
IP Address	172.21.1.1
Subnet Mask	255.255.0.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0
IPv6 Configuration	
<input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static	
IPv6 Address	
Link Local Address	FE80::240:BFF:FE69:4D68
IPv6 Gateway	
IPv6 DNS Server	

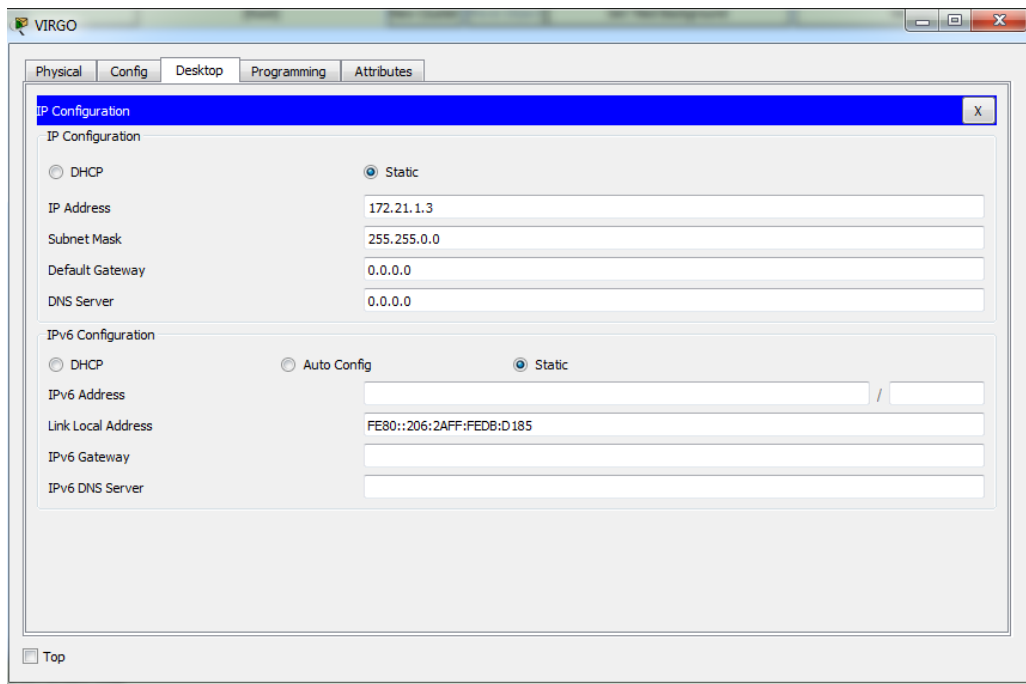
IP Adress Aries



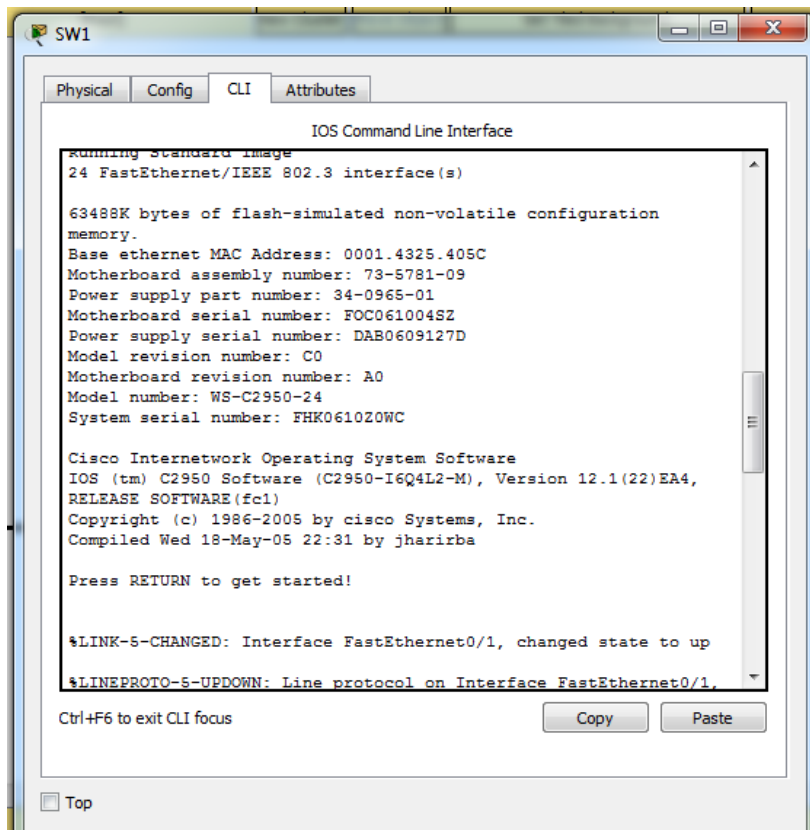
The screenshot shows the 'IP Configuration' window for the 'ARIES' device. The window has tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Config' tab is active, and the 'IP Configuration' sub-tab is selected. The 'IP Configuration' section has two radio buttons: 'DHCP' and 'Static'. The 'Static' radio button is selected. Below the radio buttons are five text input fields: 'IP Address' (172.21.1.2), 'Subnet Mask' (255.255.0.0), 'Default Gateway' (0.0.0.0), and 'DNS Server' (0.0.0.0). The 'IPv6 Configuration' section has three radio buttons: 'DHCP', 'Auto Config', and 'Static'. The 'Static' radio button is selected. Below the radio buttons are four text input fields: 'IPv6 Address' (empty), 'Link Local Address' (FE80::20D:BDFF:FE8B:1564), 'IPv6 Gateway' (empty), and 'IPv6 DNS Server' (empty). A 'Top' button is located at the bottom left of the window.

IP Configuration	
<input type="radio"/> DHCP <input checked="" type="radio"/> Static	
IP Address	172.21.1.2
Subnet Mask	255.255.0.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0
IPv6 Configuration	
<input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static	
IPv6 Address	
Link Local Address	FE80::20D:BDFF:FE8B:1564
IPv6 Gateway	
IPv6 DNS Server	

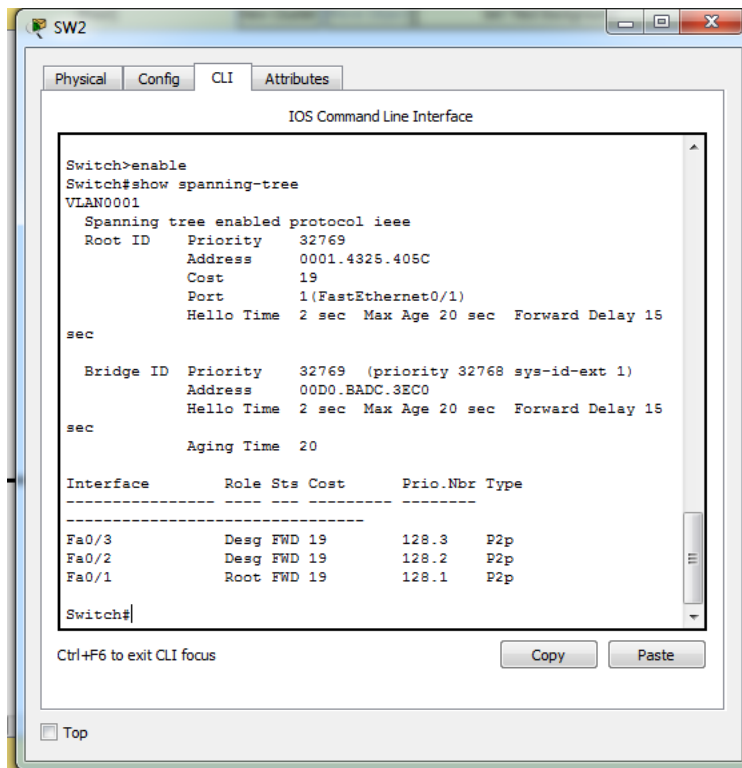
IP Adress Virgo



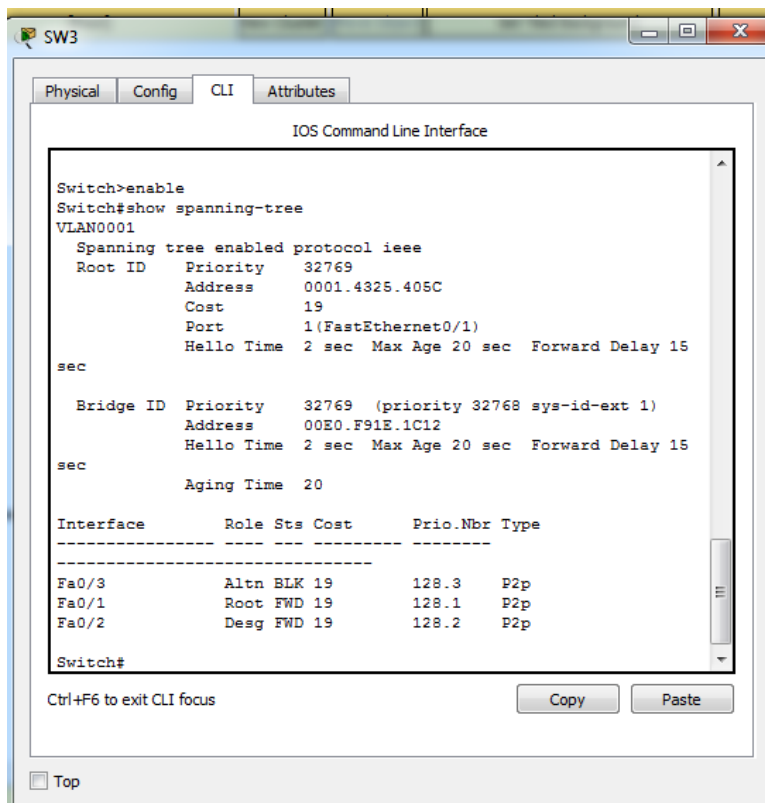
switch 1



switch 2



switch 3



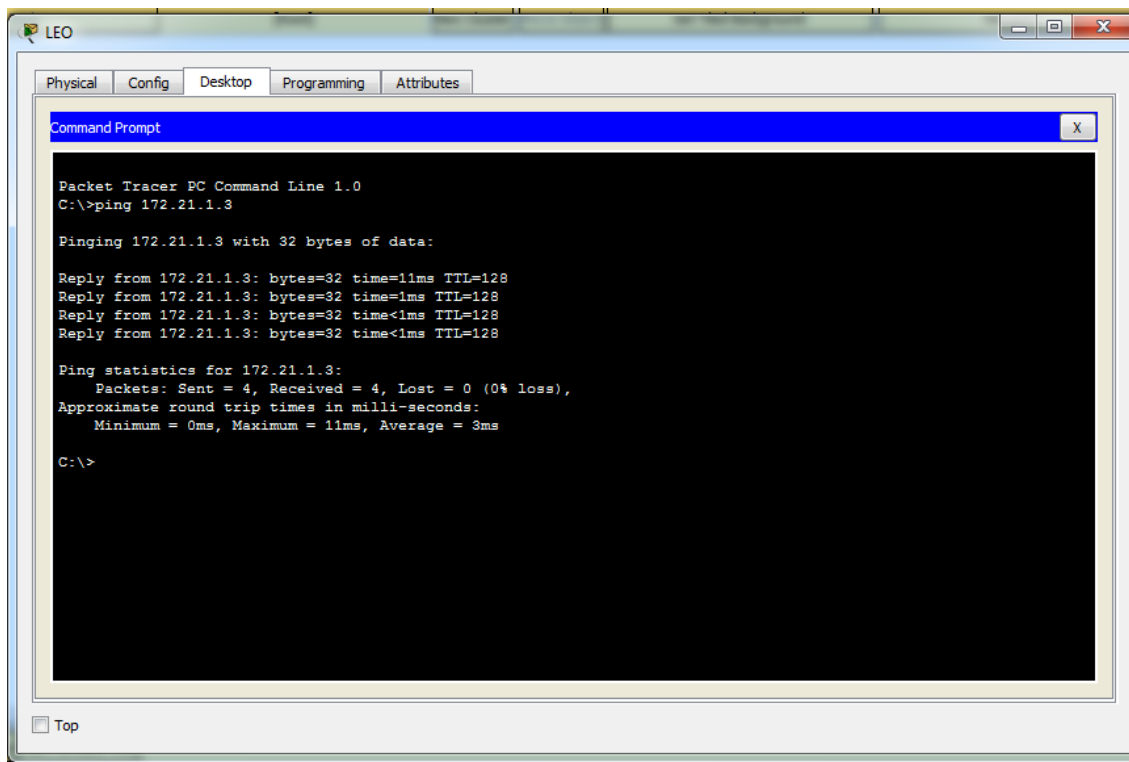
4C :

- root bridge : SW 1
- root port : SW 2
- destination bridge : SW 3

5C :

- kondisi Forwarding : SW 1 , SW 2, & SW 3 (fa 0/1, fa 0/2)
- kondisi blocking : SW 3 fa 0/3

5. ping LEO ke VIRGO



The screenshot shows a Packet Tracer interface with a 'Command Prompt' window open. The window title is 'LEO'. The command prompt shows the following text:

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.21.1.3

Pinging 172.21.1.3 with 32 bytes of data:

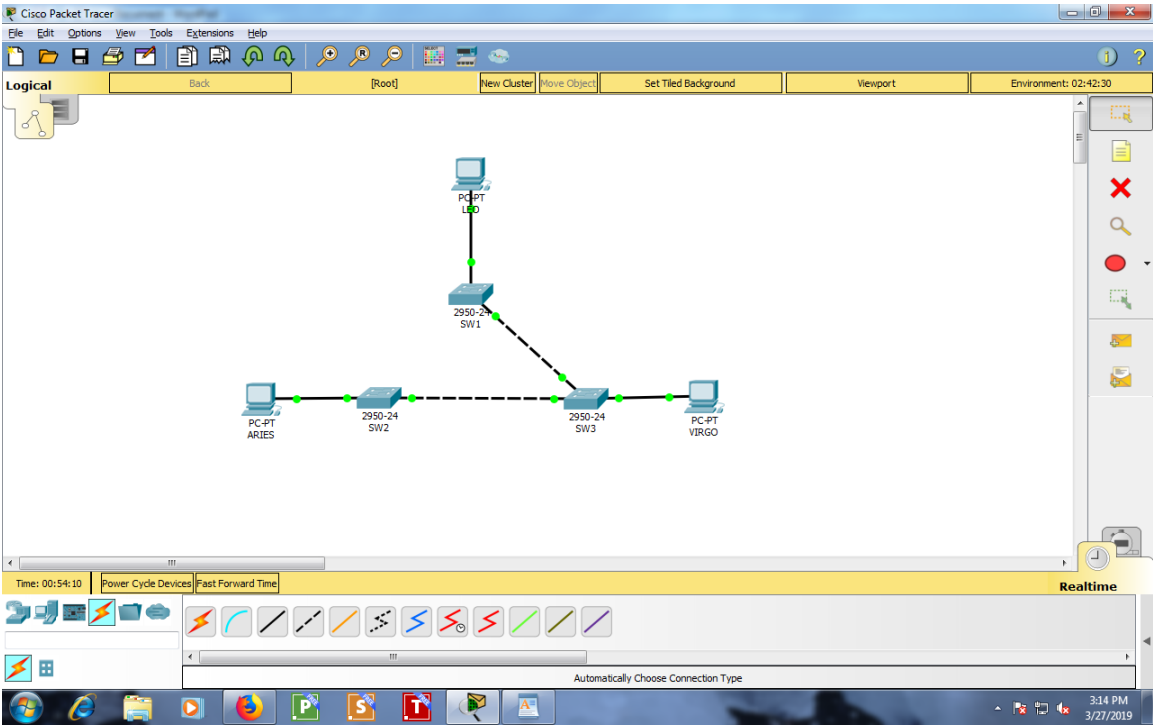
Reply from 172.21.1.3: bytes=32 time=11ms TTL=128
Reply from 172.21.1.3: bytes=32 time=1ms TTL=128
Reply from 172.21.1.3: bytes=32 time<1ms TTL=128
Reply from 172.21.1.3: bytes=32 time<1ms TTL=128

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 = 11ms, Average = 3ms

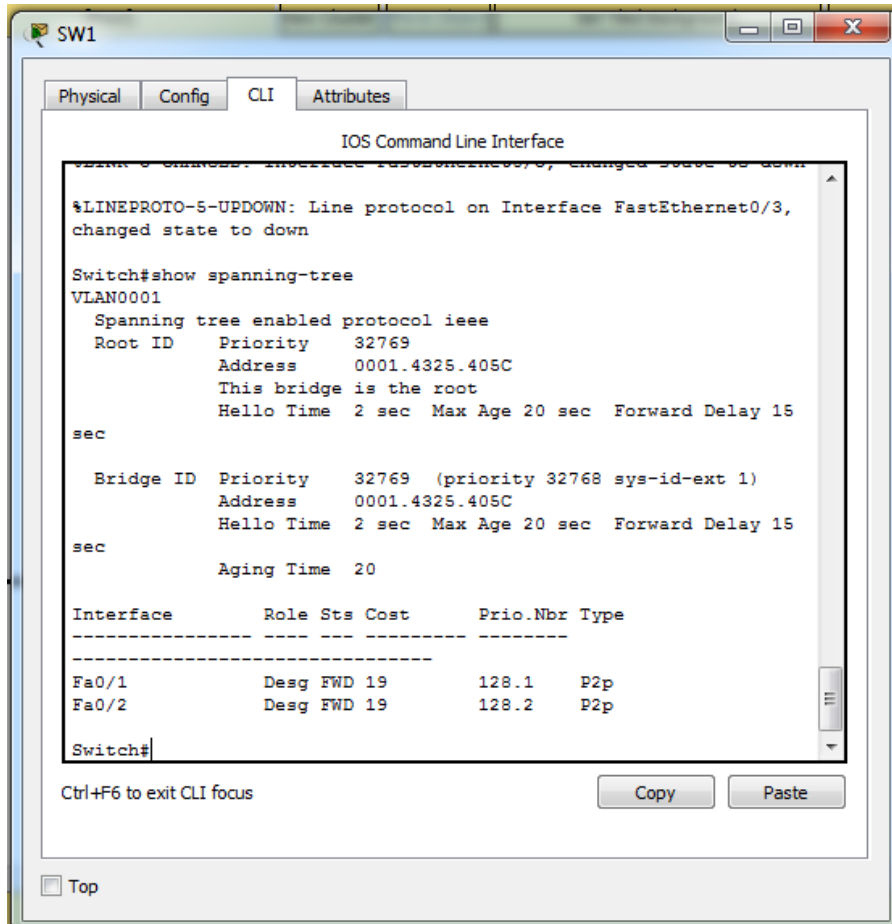
C:\>
```

The window has tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Desktop' tab is selected. There is a 'Top' button at the bottom left of the window.

Topologi 2



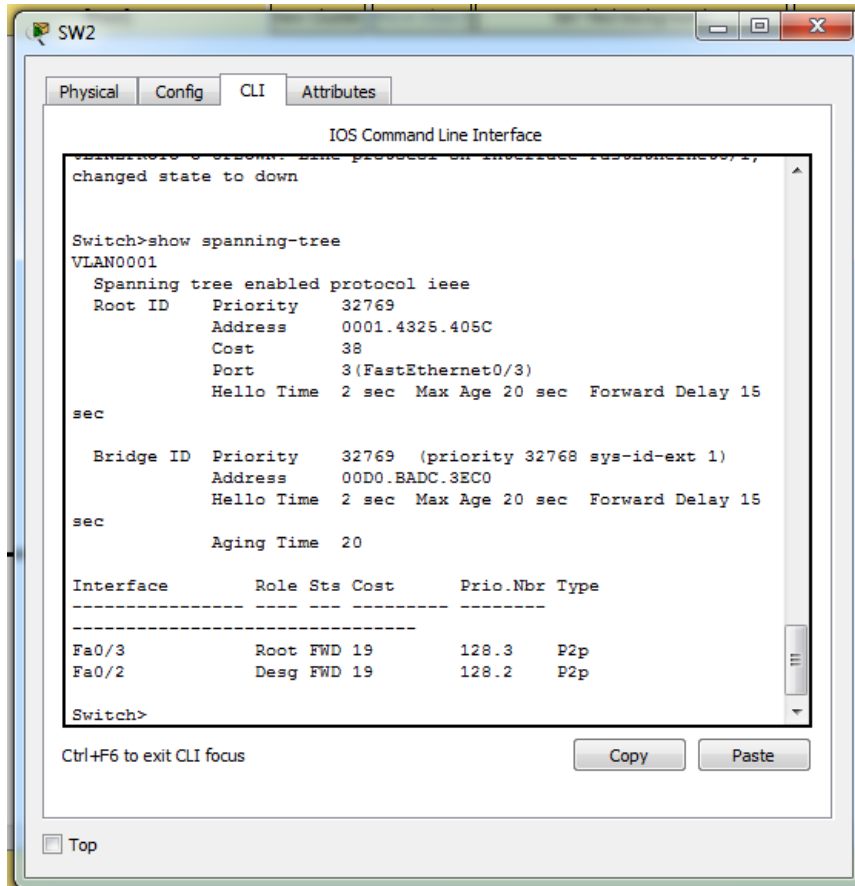
SW 1



ROOT BRIDGE

No	Variabel	Nilai	Interface	Role	Status
1	Root ID	32769.0001.4325.405C	Fa 0/1	Desg	FWD
2	Priority	32769	Fa 0/2	Desg	FWD
3	MAC Adress	0001.4325.405C			
4	Bridge ID	32769.0001.4325.405C			
5	Cost(0/1;0/2;0/3)	19			
6	Hello Time	2 sec			
7	Max Age	20 sec			
8	Forward Delay	15 sec			

sw 2



ROOT PORT

No	Variabel	Nilai	Interface	Role	Status
1	Root ID	32769.0001.4325.405C	Fa 0/3	Root	FWD
2	Priority	32769	Fa 0/2	desg	FWD
3	MAC Adress	0001.4325.405C			
4	Bridge ID	32769.00D0.BADC.3ECO			
5	Cost(0/1;0/2;0/3)	19			
6	Hello Time	2 sec			
7	Max Age	20 sec			
8	Forward Delay	15 sec			

sw 3

```

Switch>enable
Switch#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     0001.4325.405C
             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     00E0.F91E.1C12
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15
sec
             Aging Time  20

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

Switch#
  
```

Ctrl+F6 to exit CLI focus

Copy Paste

Top

ROOT BRIDGE

No	Variabel	Nilai	Interface	Role	Status
1	Root ID	32769.0001.4325.405C	Fa 0/3	Desg	FWD
2	Priority	32769	Fa 0/1	Root	FWD
3	MAC Adress	0001.4325.405C	Fa 0/2	Desg	FWD
4	Bridge ID	32769.00E0.F91E.1C12			
5	Cost(0/1;0/2;0/3)	19			
6	Hello Time	2 sec			
7	Max Age	20 sec			
8	Forward Delay	15 sec			

