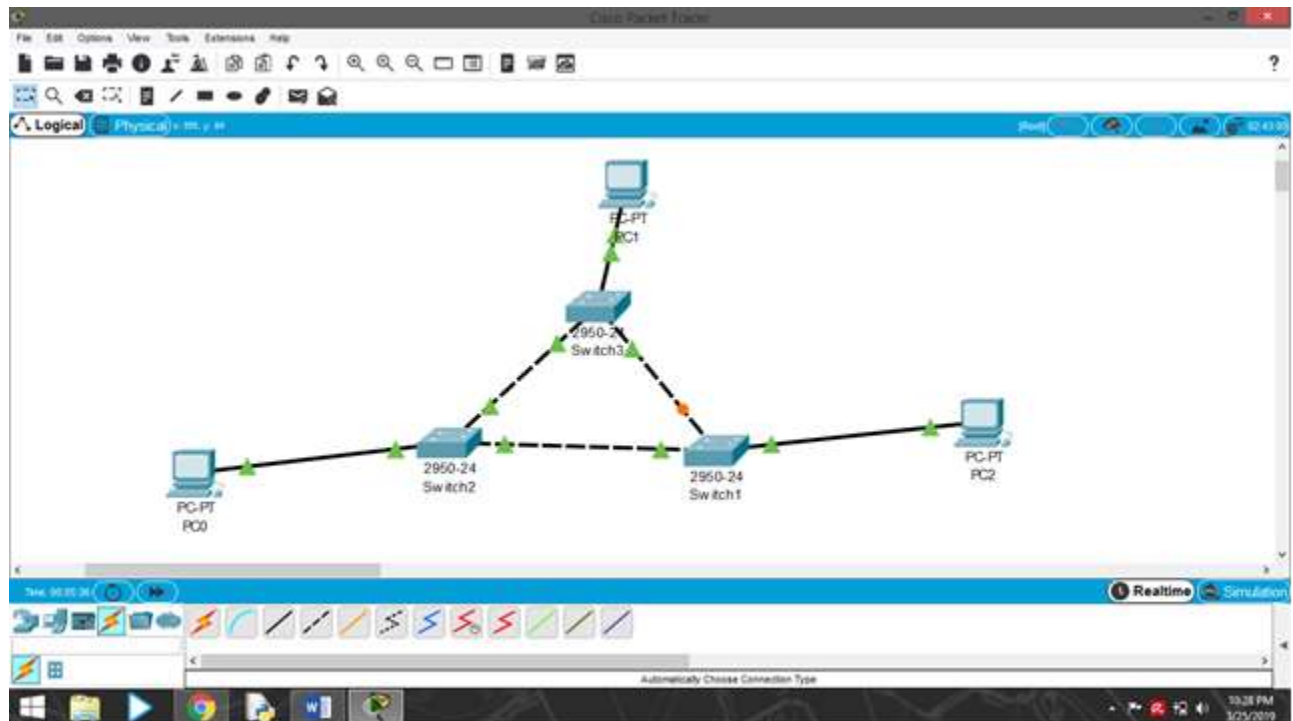


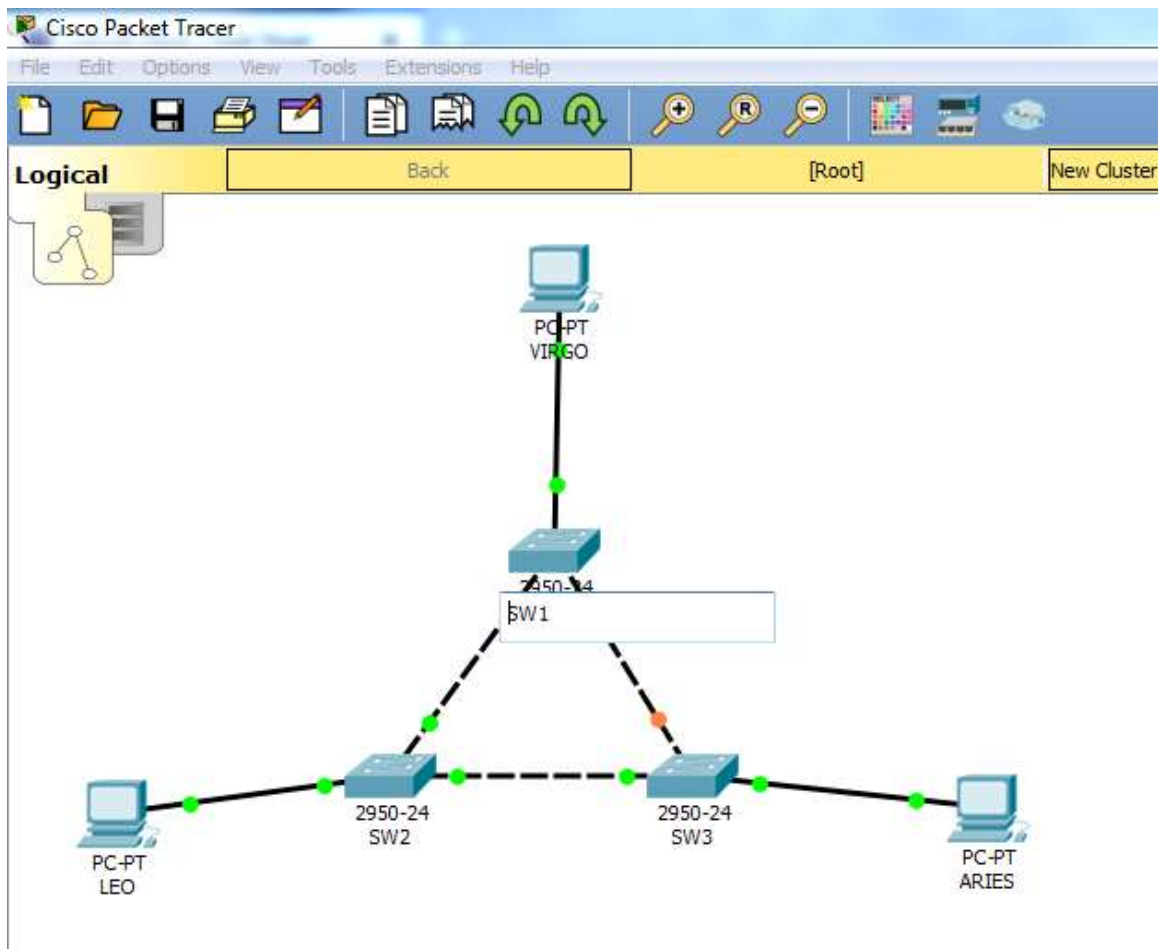
Nama : Dandi Katerpillarifai
NIM : L200170168
Kelas : D
Modul : 6

Laporan Kegiatan Praktikum Jaringan Komputer Modul 6

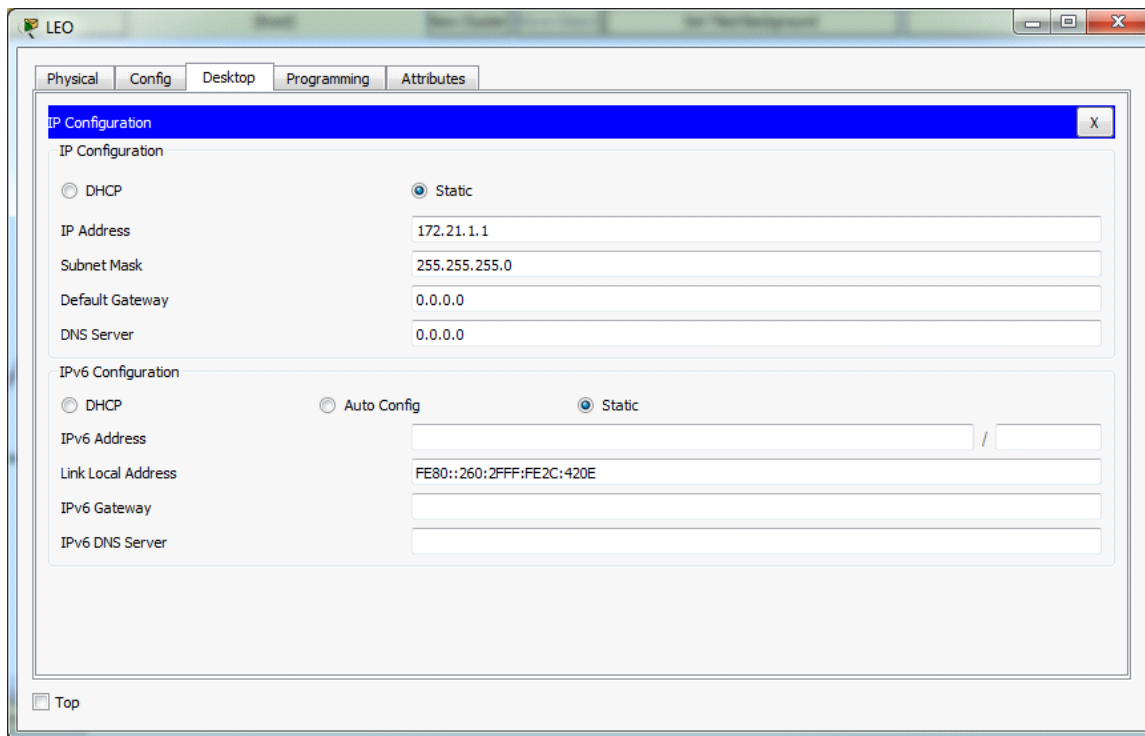
1. Cara membuat topologi dengan ketentuan berisi 3 switch catalist 2950 dan 3 PC



2. Memberikan nama switch menjadi SW1, SW2, SW3



3. Konfigurasi alamat ip pada masing-masing PC yang sudah dinamai

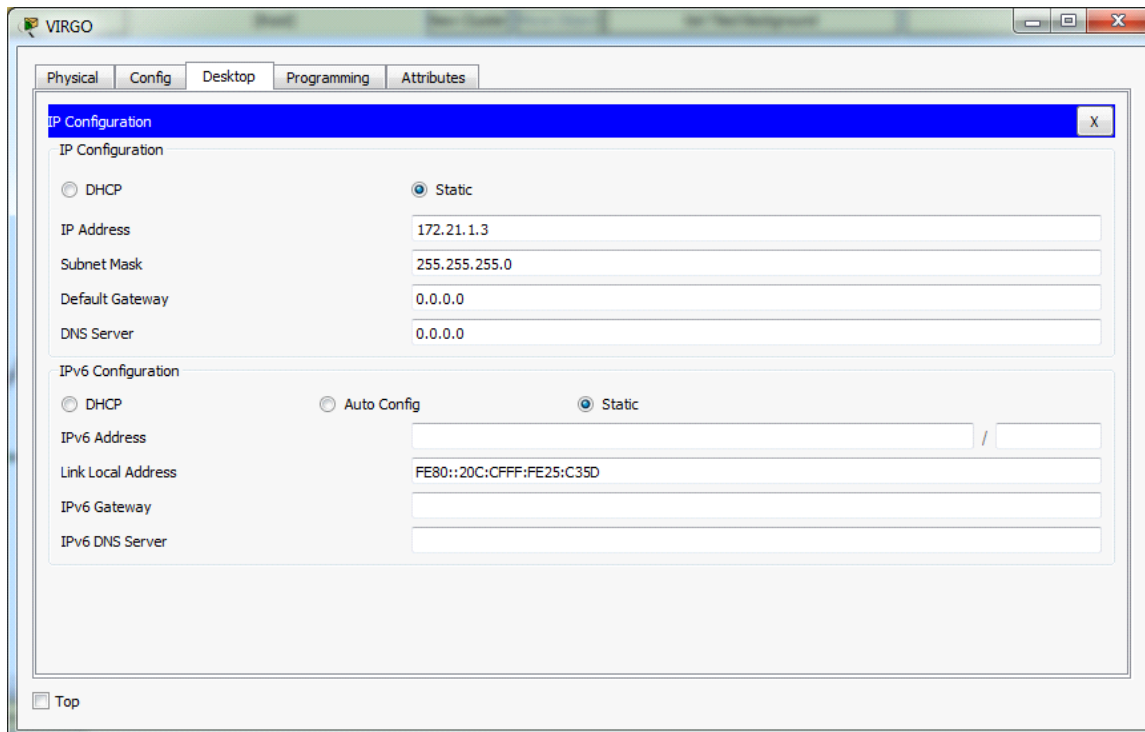


The screenshot shows the configuration window for a PC named 'LEO'. The 'Config' tab is selected, and the 'IP Configuration' section is active. The 'Static' radio button is selected for both IPv4 and IPv6 configurations.

IP Configuration	
<input type="radio"/> DHCP <input checked="" type="radio"/> Static	
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 Configuration	
<input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static	
IPv6 Address	
Link Local Address	FE80::260:2FFF:FE2C:420E
IPv6 Gateway	
IPv6 DNS Server	

Top

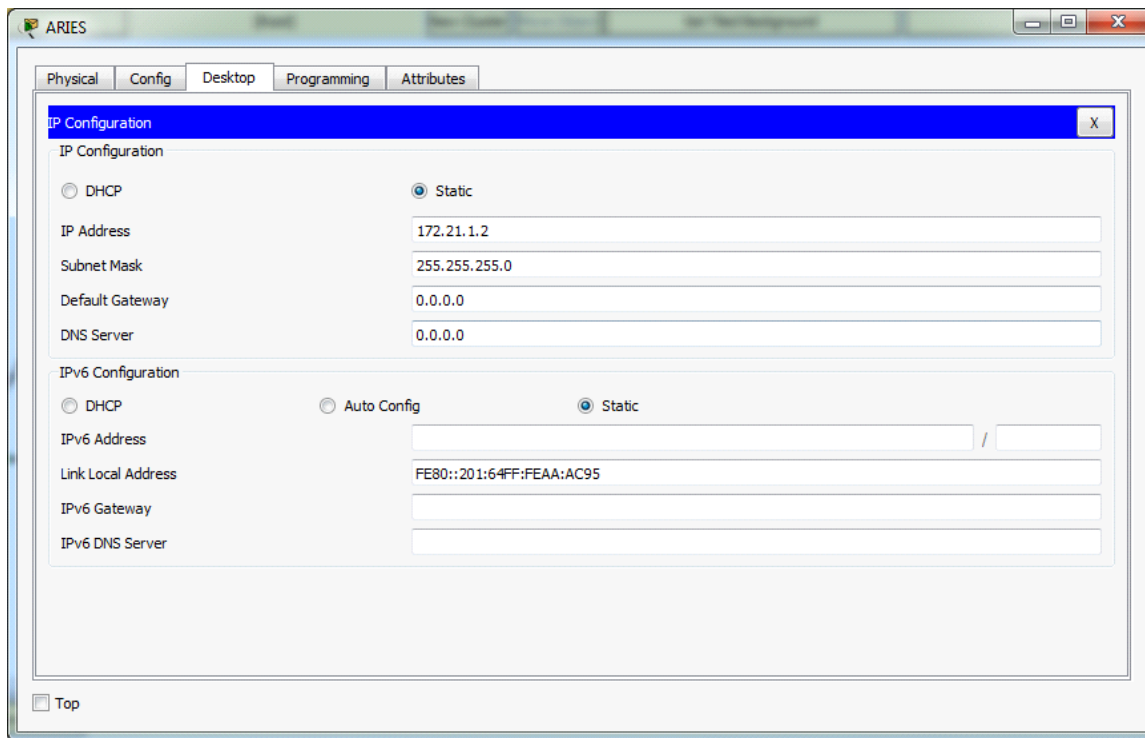


The screenshot shows the configuration window for a PC named 'VIRGO'. The 'Config' tab is selected, and the 'IP Configuration' section is active. The 'Static' radio button is selected for both IPv4 and IPv6 configurations.

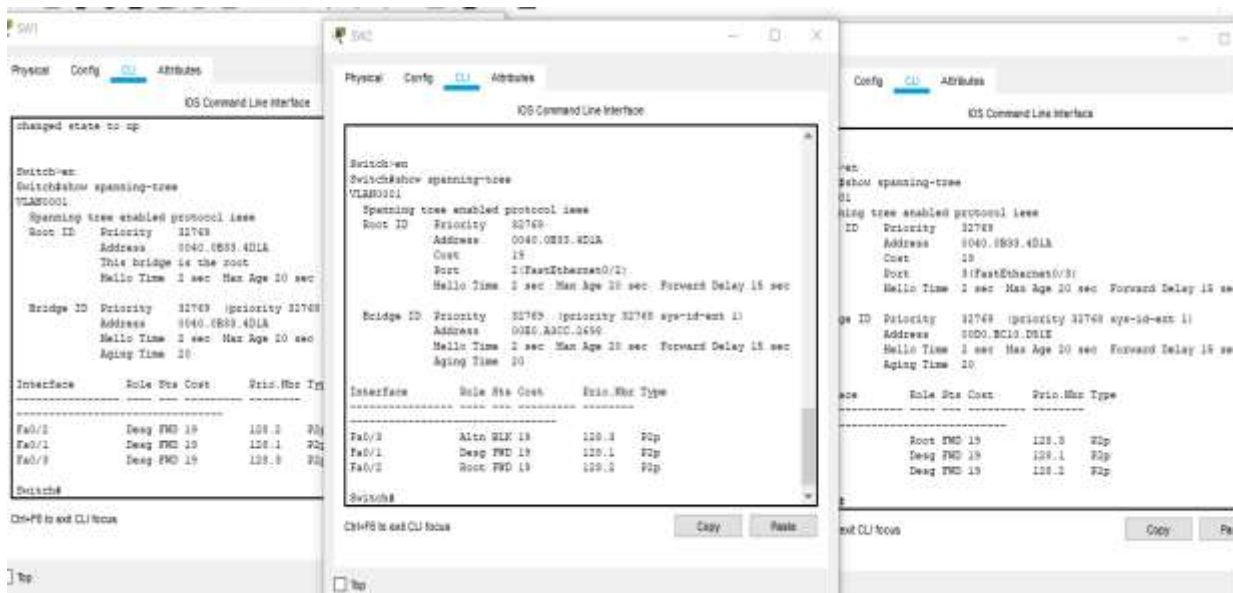
IP Configuration	
<input type="radio"/> DHCP <input checked="" type="radio"/> Static	
IP Address	172.21.1.3
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0

IPv6 Configuration	
<input type="radio"/> DHCP <input type="radio"/> Auto Config <input checked="" type="radio"/> Static	
IPv6 Address	
Link Local Address	FE80::20C:CFFF:FE25:C35D
IPv6 Gateway	
IPv6 DNS Server	

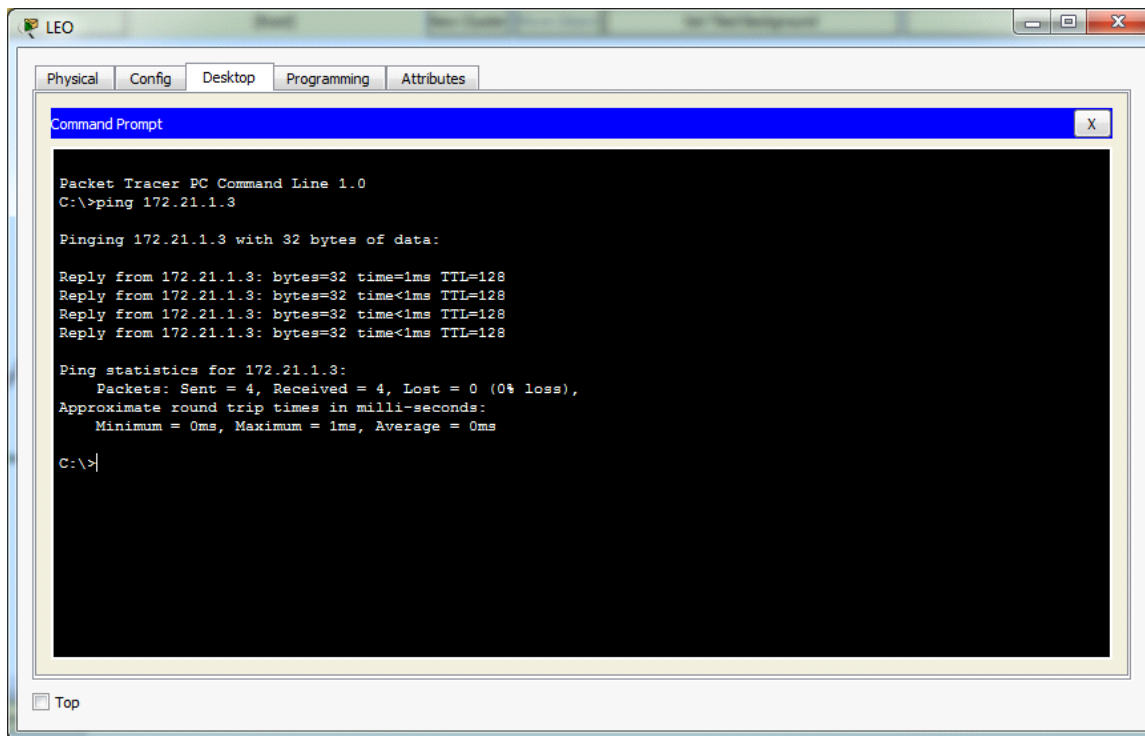
Top



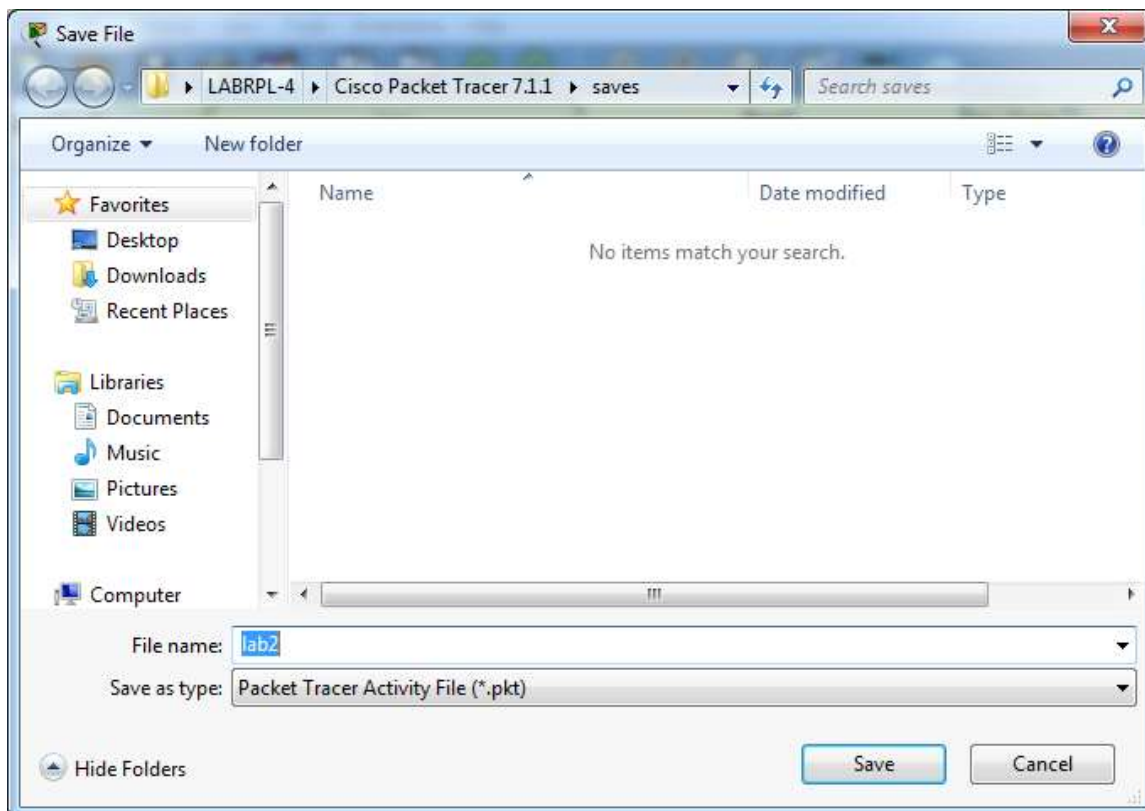
4. Melihat status STP pada masing-masing switch



5. Tes ping dari PC LEO ke PC Virgo

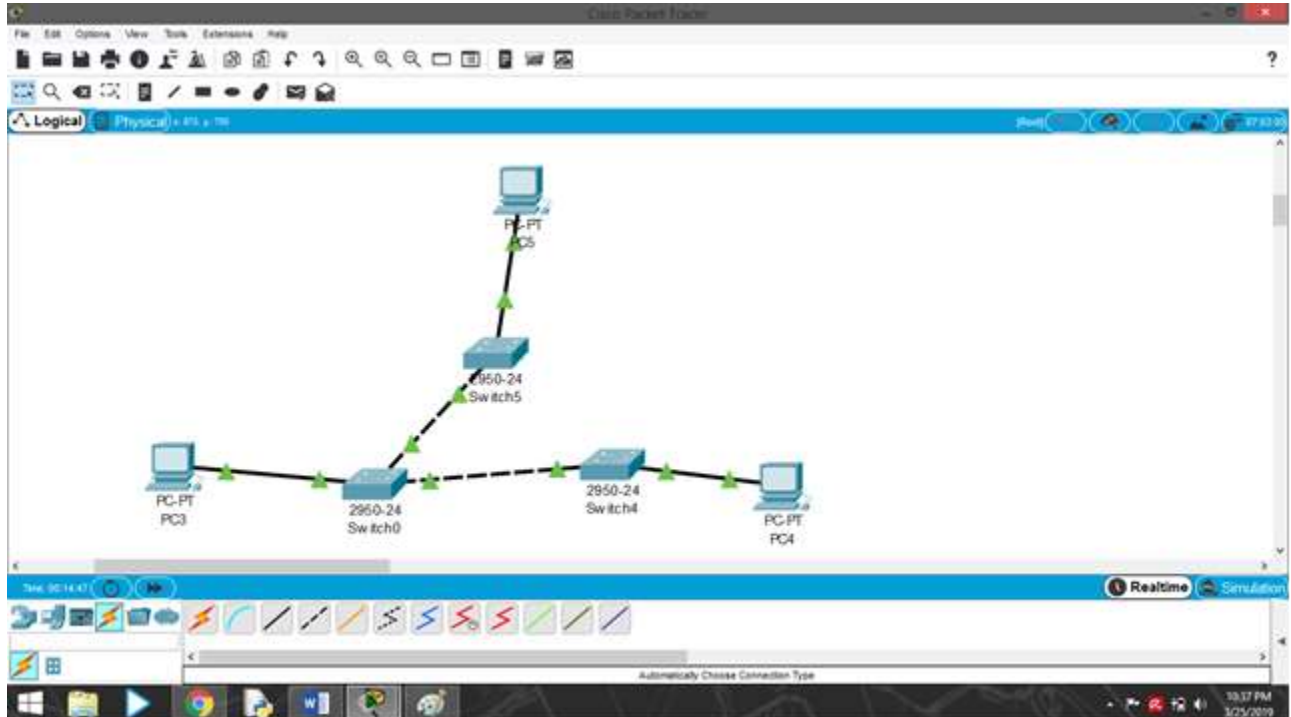


6. Menyimpan dengan nama lab2.pkt



Kegiatan 2

1. Membuka konfigurasi pada lab2.pkt, lalu mengubah topologi menjadi seperti pada modul



2. Melakukan langkah 4 dan 5 seperti pada kegiatan 1

SW0

```

Switch0#show spanning-tree
VLAN001
Spanning tree enabled protocol ieee
Root ID    Priority    32768
Address    0040.0801.401A
This bridge is the root
Hello Time  2 sec Max Age 20 sec Fo
Bridge ID   Priority    32768 (priority 32768 sys-id-ext 1)
Address     0040.0801.401A
Hello Time  2 sec Max Age 20 sec Fo
Aging Time  30

Interface    Role    Sts Cost    Prio.Nbr Type
-----
Fa0/24       Desig FWD 19      129.3    P2p
Fa0/25       Desig FWD 19      129.3    P2p
          
```

SW4

```

Switch4#show spanning-tree
VLAN001
Spanning tree enabled protocol ieee
Root ID    Priority    32768
Address    0040.0801.401A
Cost       39
Port       24(FastEthernet0/24)
Hello Time  2 sec Max Age 20 sec Forward Dela
Bridge ID   Priority    32768 (priority 32768 sys-id-ext 1)
Address     0040.0801.401A
Hello Time  2 sec Max Age 20 sec Forward Dela
Aging Time  30

Interface    Role    Sts Cost    Prio.Nbr Type
-----
Fa0/24       Root FWD 19      129.3    P2p
Fa0/25       Desig FWD 19      129.3    P2p
          
```

SW5

```

Switch5#show spanning-tree
VLAN001
Spanning tree enabled protocol ieee
Root ID    Priority    32768
Address    0040.0801.401A
Cost       19
Port       24(FastEthernet0/24)
Hello Time  2 sec Max Age 20 sec Forward Delay 16 sec
Bridge ID   Priority    32768 (priority 32768 sys-id-ext 1)
Address     0040.0801.401A
Hello Time  2 sec Max Age 20 sec Forward Delay 16 sec
Aging Time  30

Interface    Role    Sts Cost    Prio.Nbr Type
-----
Fa0/24       Root FWD 19      129.3    P2p
Fa0/25       Desig FWD 19      129.3    P2p
          
```

