Laporan Praktikum Jaringan Komputer
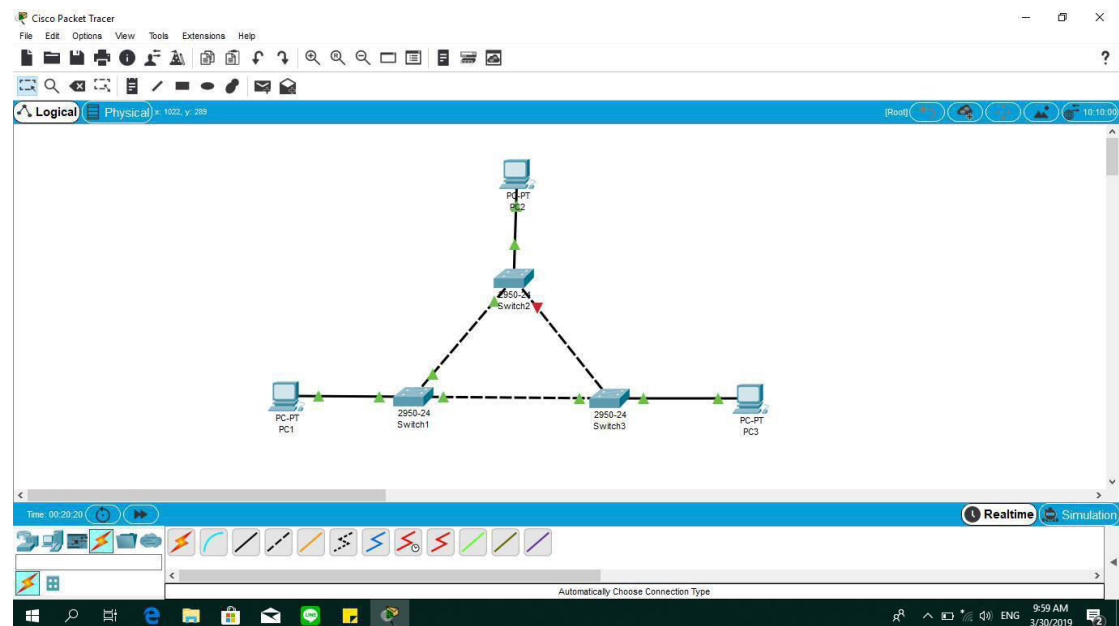
Nama   : Fatich imam al arasy

NIM   : L200170128
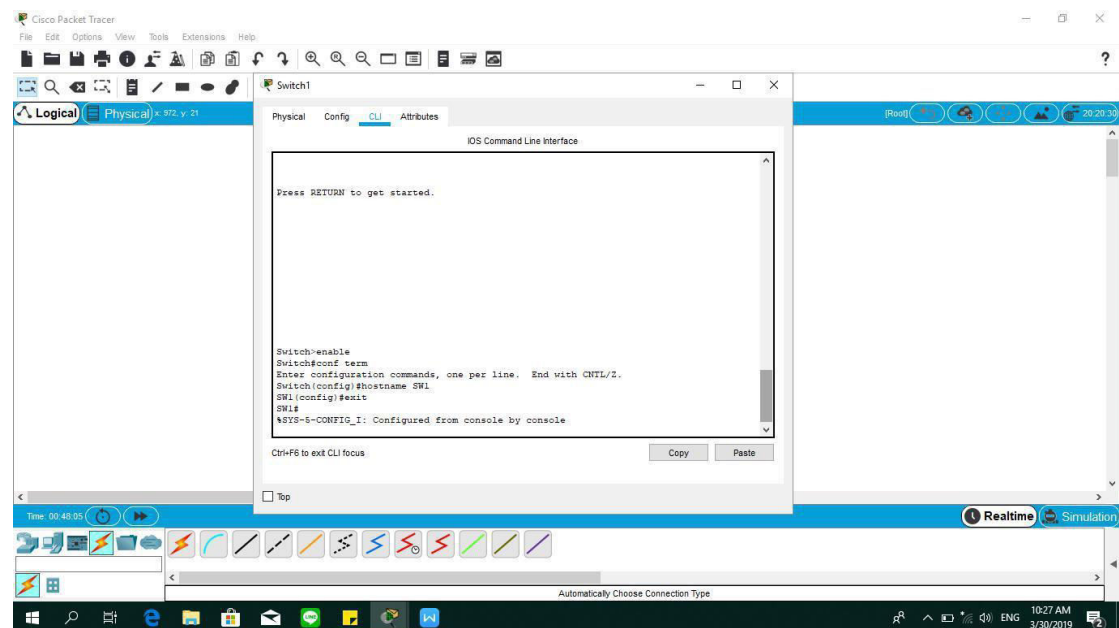
Kelas   : C

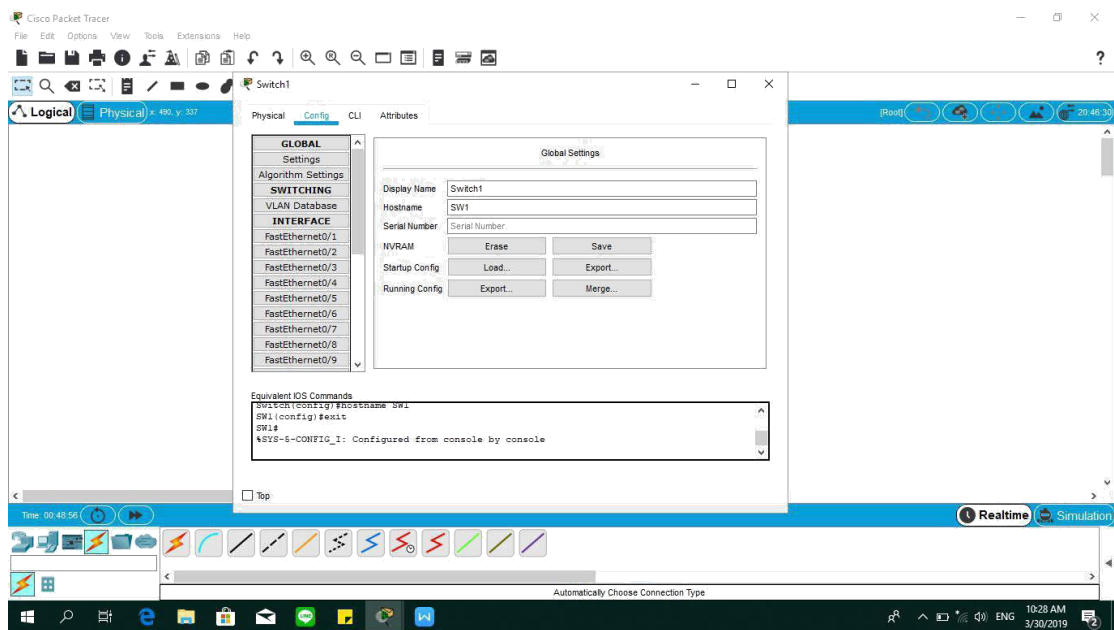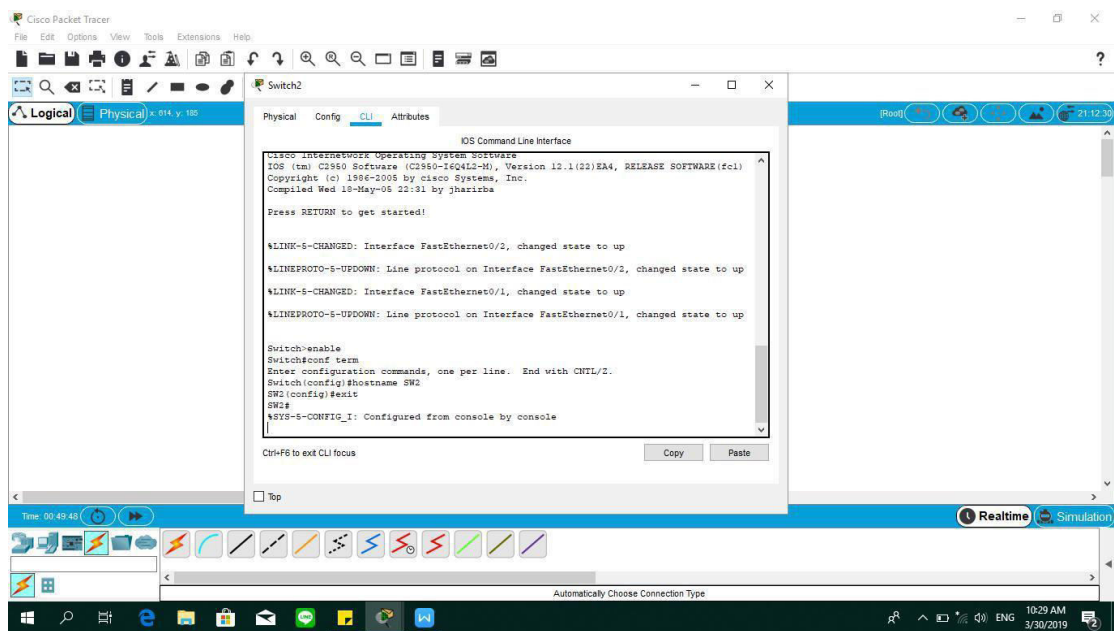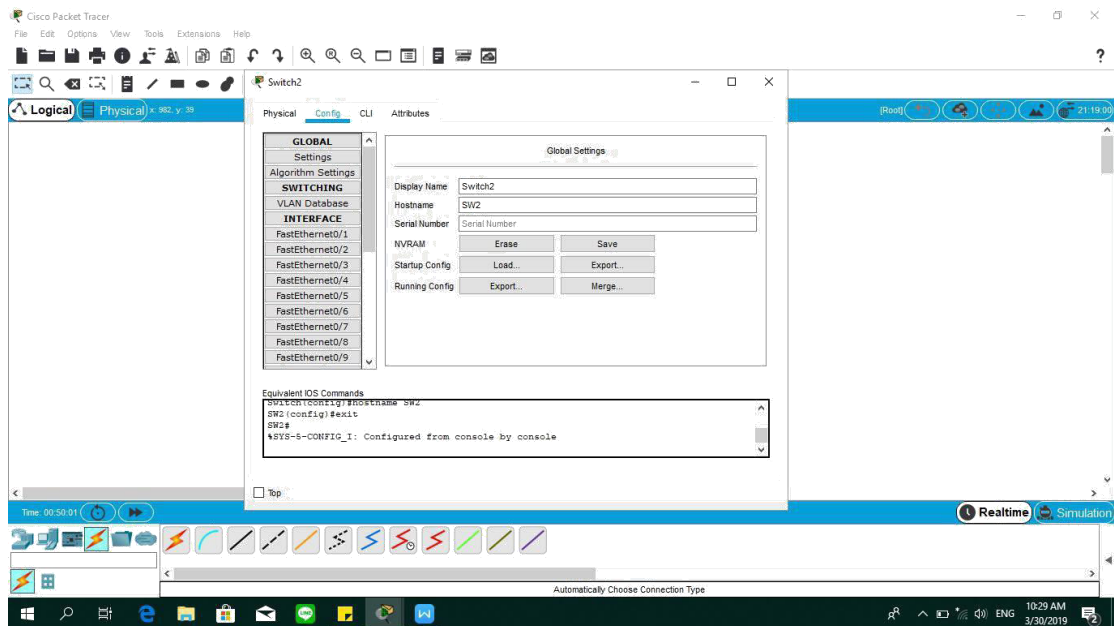## Kegiatan 1. Topologi 1.

Tugas 1A.
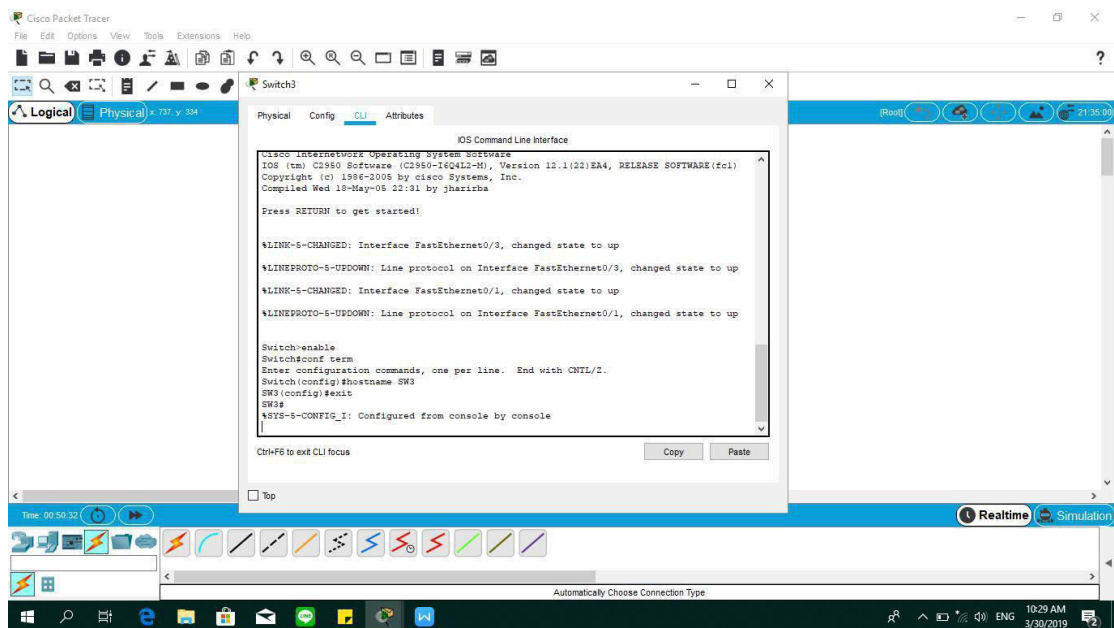

Tugas 2A.

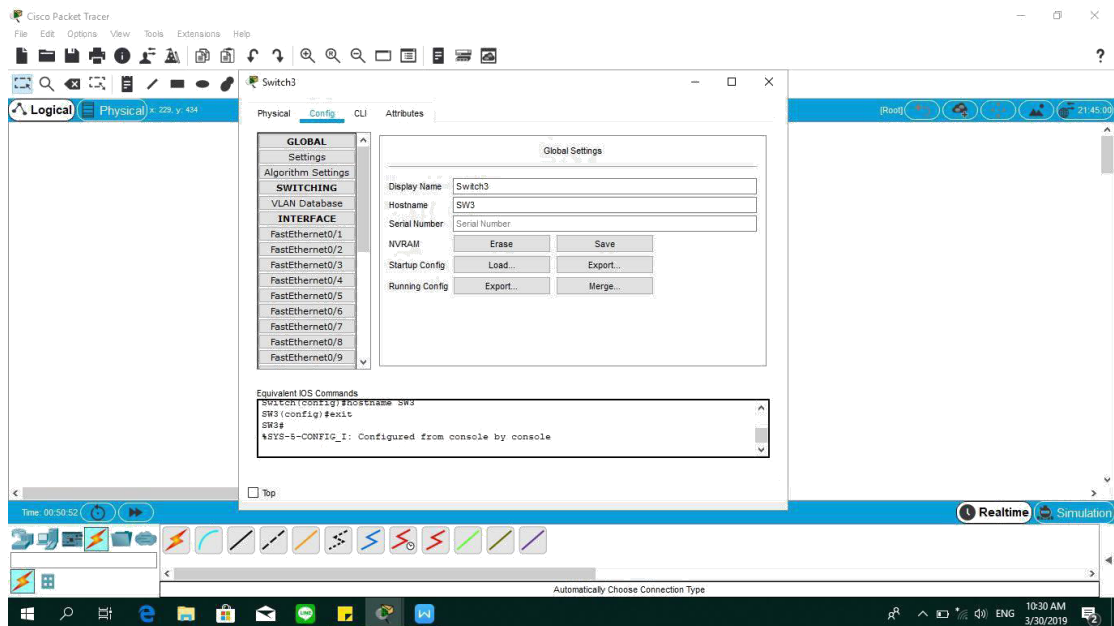**Proses pemberian nama host pada Switch1**
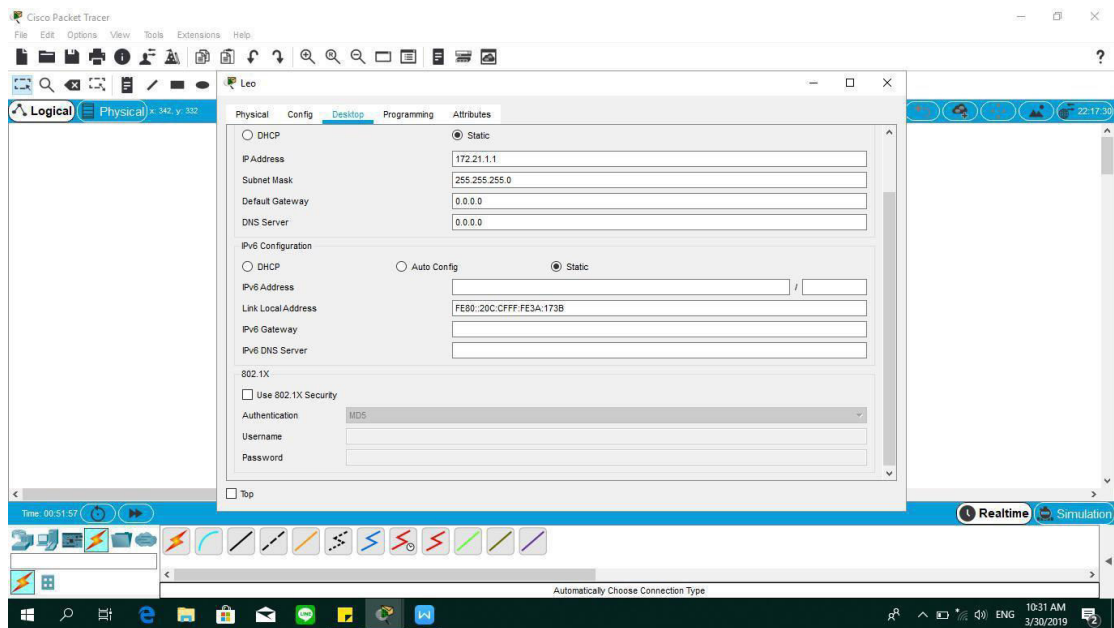
Proses pemberian nama host pada Switch2
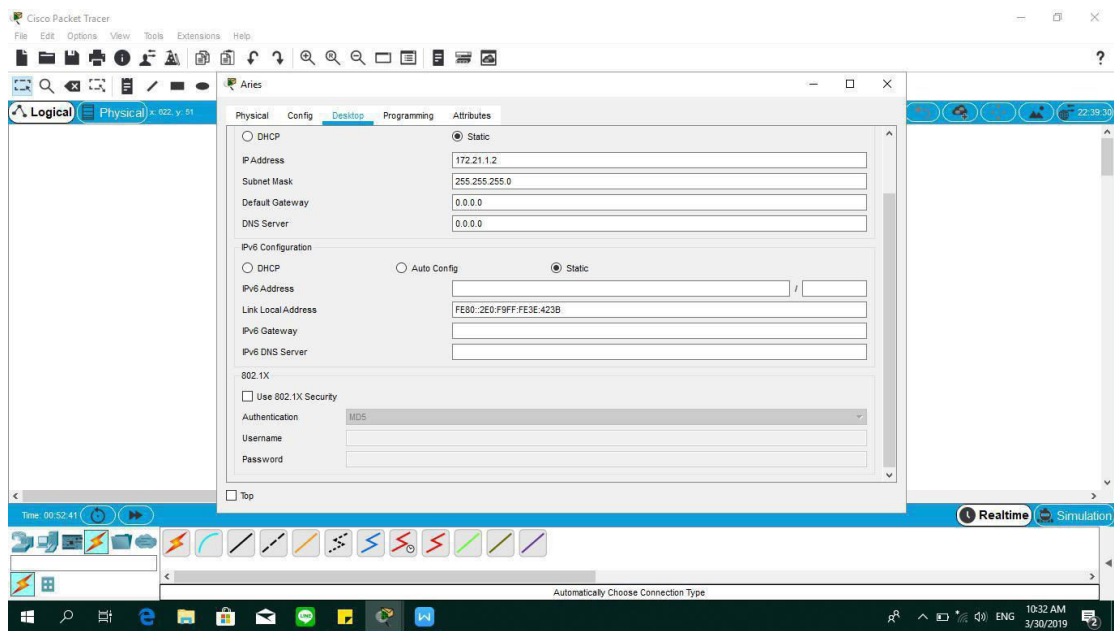
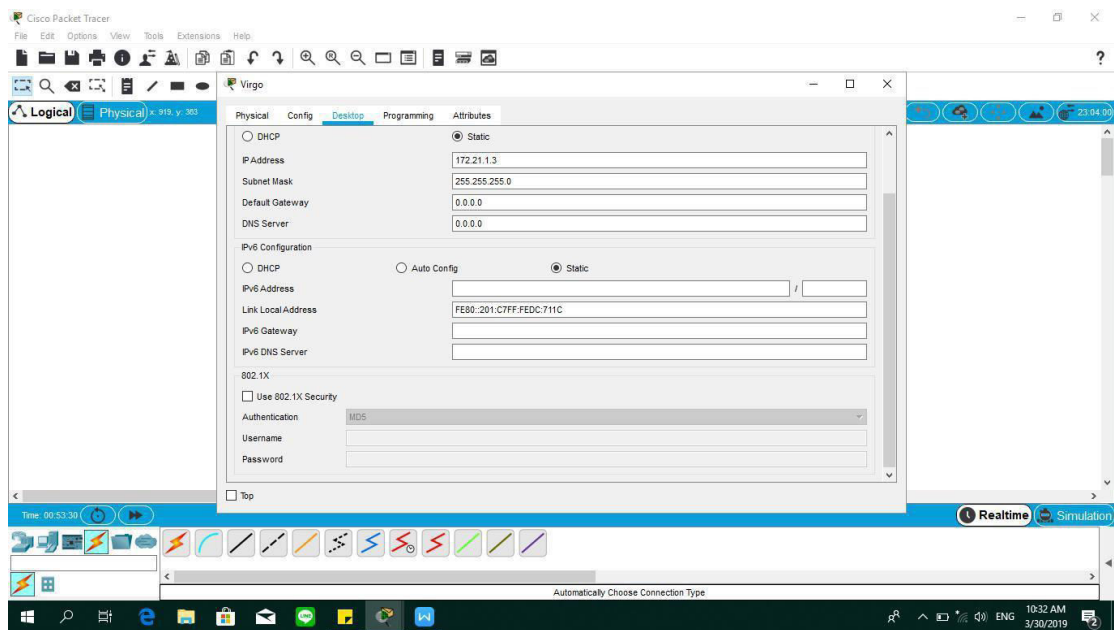**Proses pemberian nama host pada Switch3**

Tugas 3A.

Konfigurasi IP Address pada PC Leo
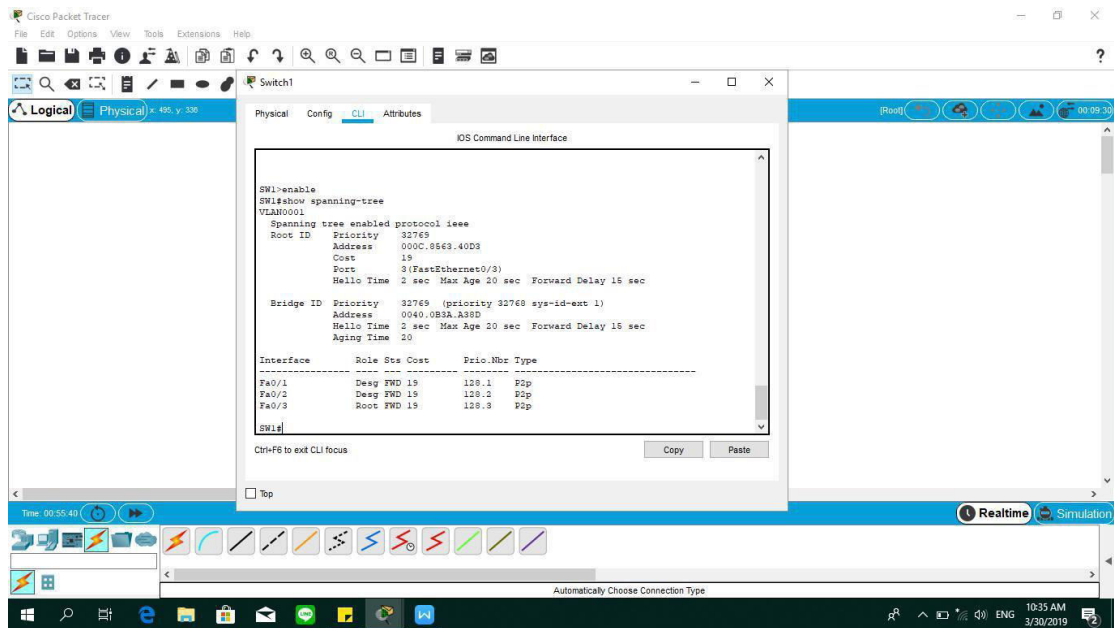
Konfigurasi IP Address pada PC Aries

Konfigurasi IP Address pada PC Virgo

Tugas 4A.
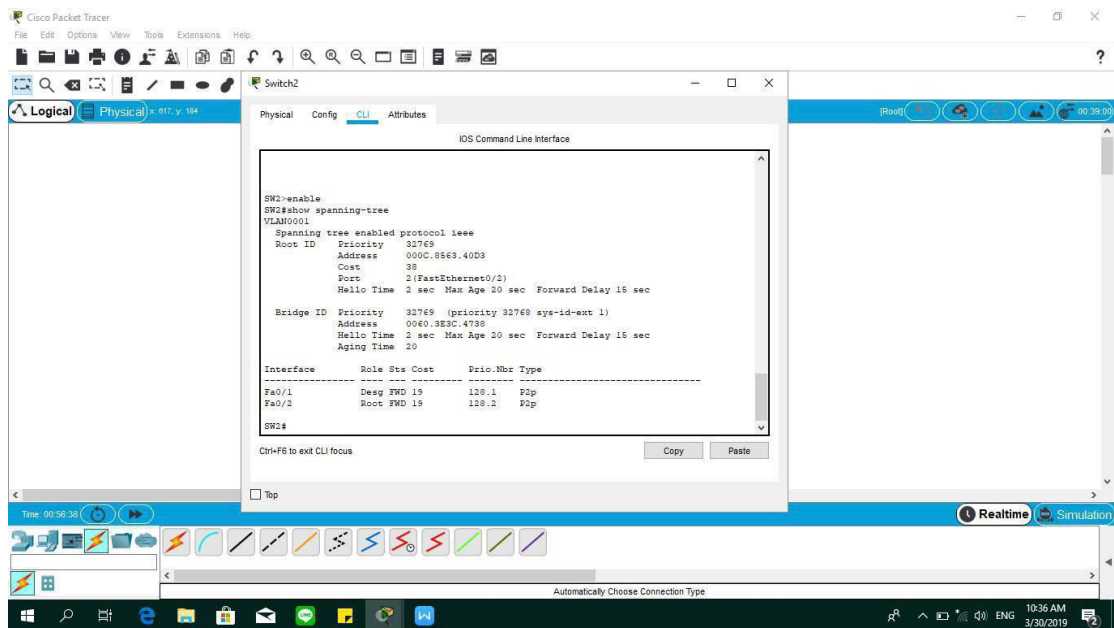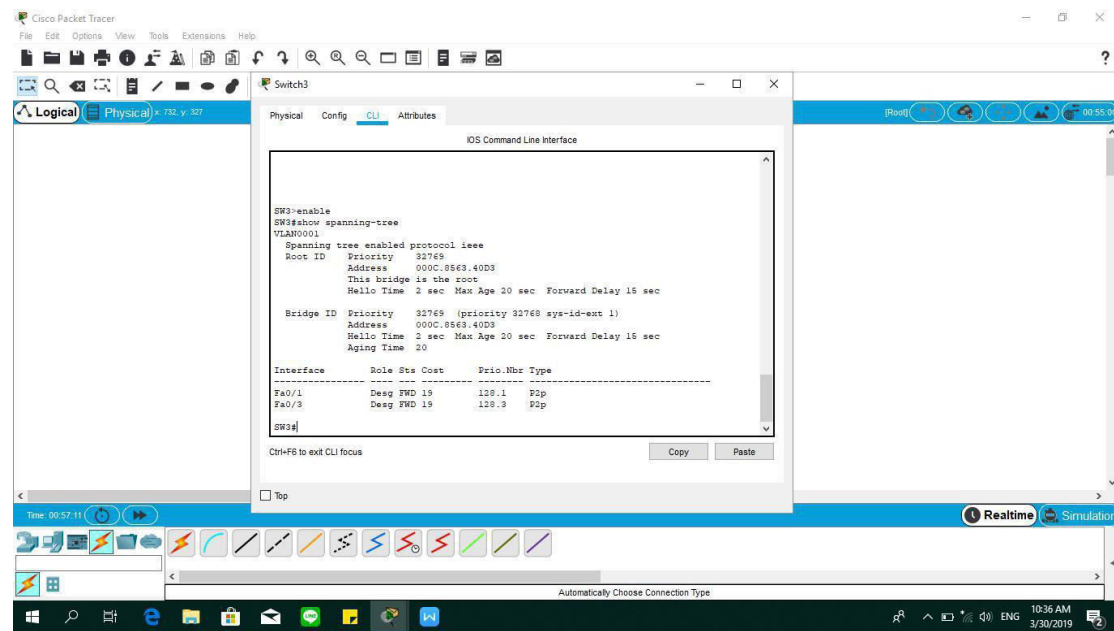
Status STP pada Switch 1

Status STP pada Switch 2

Status STP pada Switch 3

Tugas 4B.

Tabel Switch1

No	Variabel	Nilai
1	Root ID	32769.000C.8563.40D3
2	Priority	32769
3	MAC Address	0040.0B3A.A30D
4	Bridge ID	32769.0040.0B3A.A30D
5	Cost (0/1, 0/2, 0/3)	0/1 : 19 0/2 : 19 0/3 : 19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Tabel Switch2

No	Variabel	Nilai
1	Root ID	32769.000C.8563.40D3
2	Priority	32769
3	MAC Address	0060.3E3C.4730
4	Bridge ID	32769.0060.3E3C.4730
5	Cost (0/1, 0/2, 0/3)	0/1 : 19 0/2 : 19 0/3 : -

6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Tabel Switch3

No	Variabel	Nilai
1	Root ID	32769.000C.8563.40D3
2	Priority	32769
3	MAC Address	000C.8563.40D3
4	Bridge ID	32769.000C.8563.40D3
5	Cost (0/1, 0/2, 0/3)	0/1 : 19 0/2 : - 0/3 : 19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Tugas 4C.

- Root Bridge   : Switch3
- Designated Bridge   : Switch2
- Root Port   : Switch1 0/3 dan Switch2 0/3
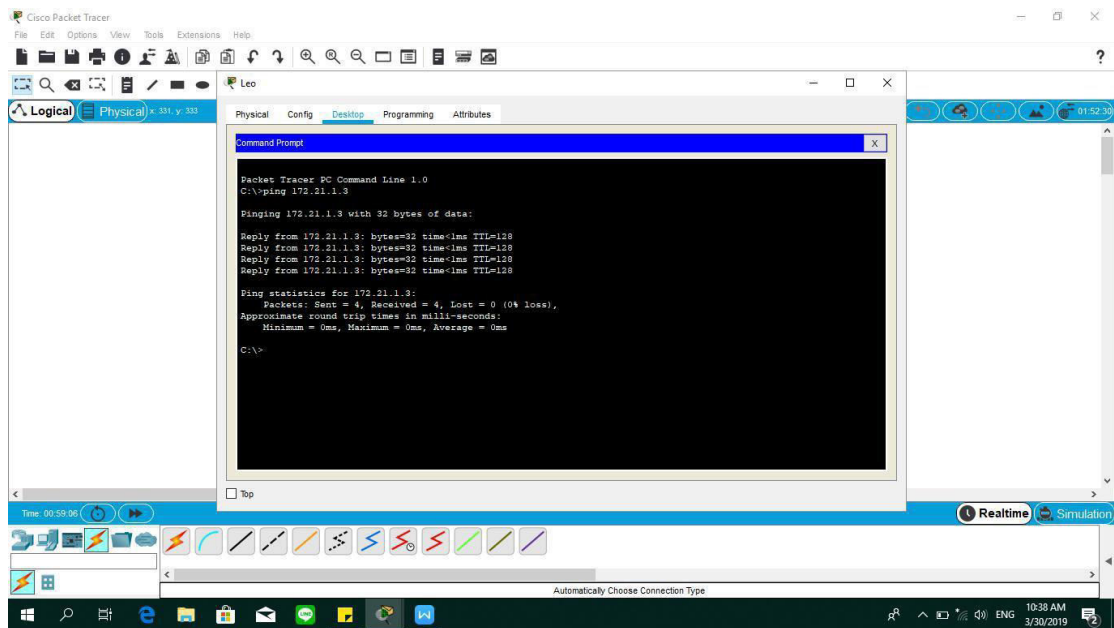- Designated Port   : Switch 1 0/2

Tugas 4D.

- Keadaan Forwarding   : Switch1 dan Switch2
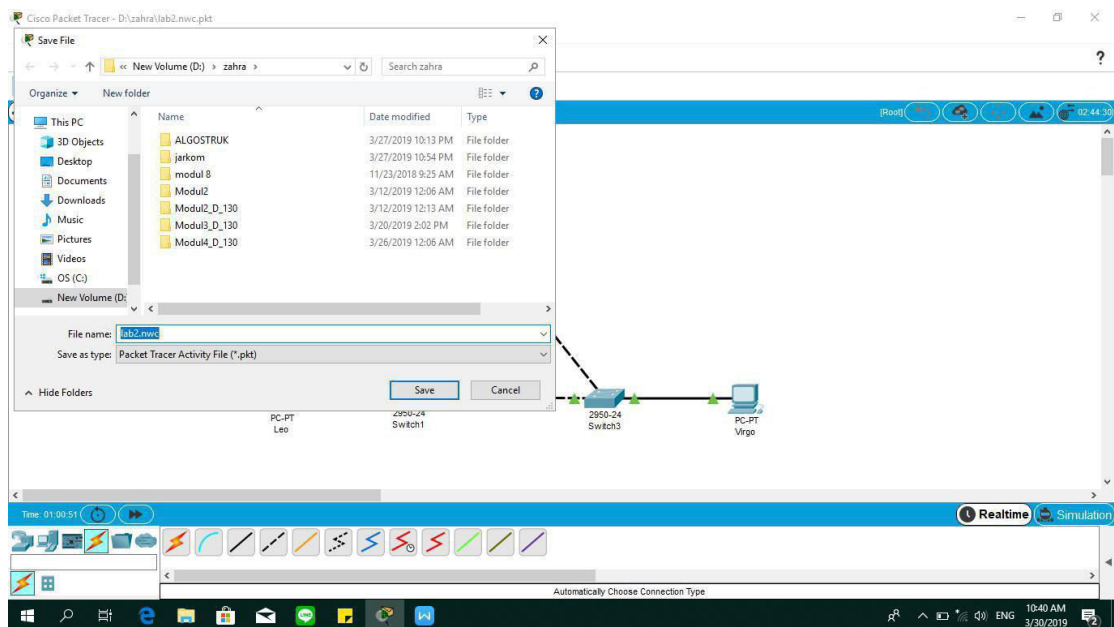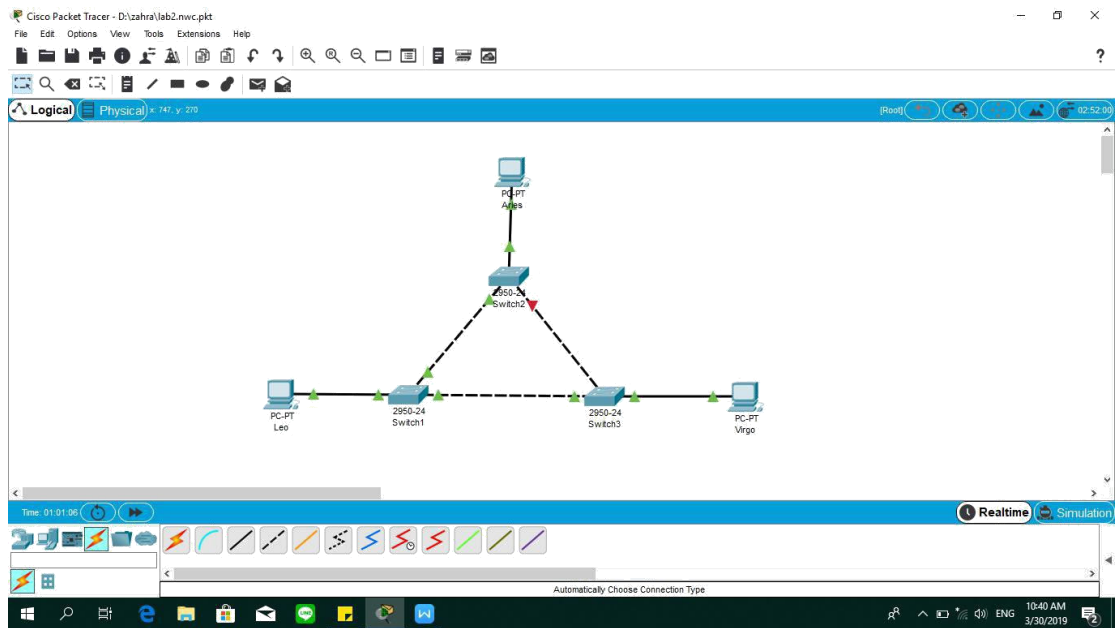- Keadaan Blocking   : Switch 2

Tugas 5A.
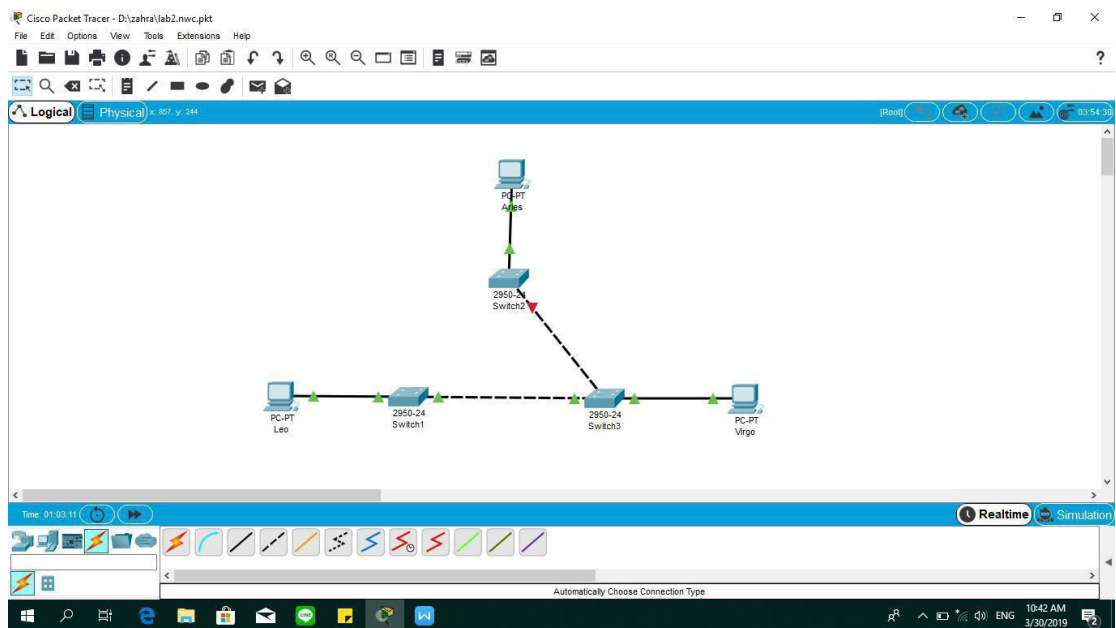
Proses *ping* dari PC Leo ke PC Virgo

Tugas 6A.

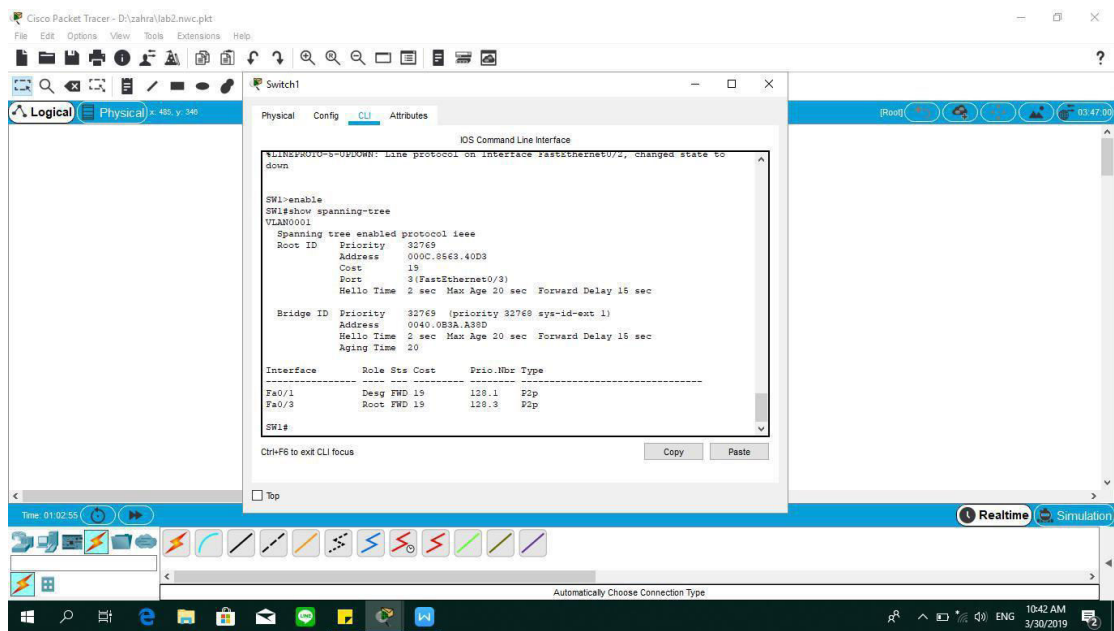## Proses simpan konfigurasi jaringan dengan nama 'lab2.nwc'

Kegiatan 2. Topologi 2.

Bentuk Topologi setelah diubah

Status STP pada Switch1

Status STP pada Switch2

Status STP pada Switch3

Tabel Switch1

No	Variabel	Nilai
1	Root ID	32769.000C.8563.40D3
2	Priority	32769
3	MAC Address	0040.0B3A.A38D
4	Bridge ID	32769.0040.0B3A.A38D
5	Cost (0/1, 0/2, 0/3)	0/1 : 19 0/2 : - 0/3 : 19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Tabel Switch2

No	Variabel	Nilai
1	Root ID	32769.0060.3E3C.4738
2	Priority	32769
3	MAC Address	0060.3E3C.4730
4	Bridge ID	32769.0060.3E3C.4730
5	Cost (0/1, 0/2, 0/3)	0/1 : 19 0/2 : - 0/3 : -

6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Tabel Switch3

No	Variabel	Nilai
1	Root ID	32769.000C.8563.40D3
2	Priority	32769
3	MAC Address	000C.8563.40D3
4	Bridge ID	32769.000C.8563.40D3
5	Cost (0/1, 0/2, 0/3)	0/1 : 19 0/2 : - 0/3 : 19
6	Hello Time	2 Sec
7	MaxAge	20 Sec
8	Forward Delay	15 Sec

Proses *ping* dari PC Leo ke PC Virgo