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Kelas : C

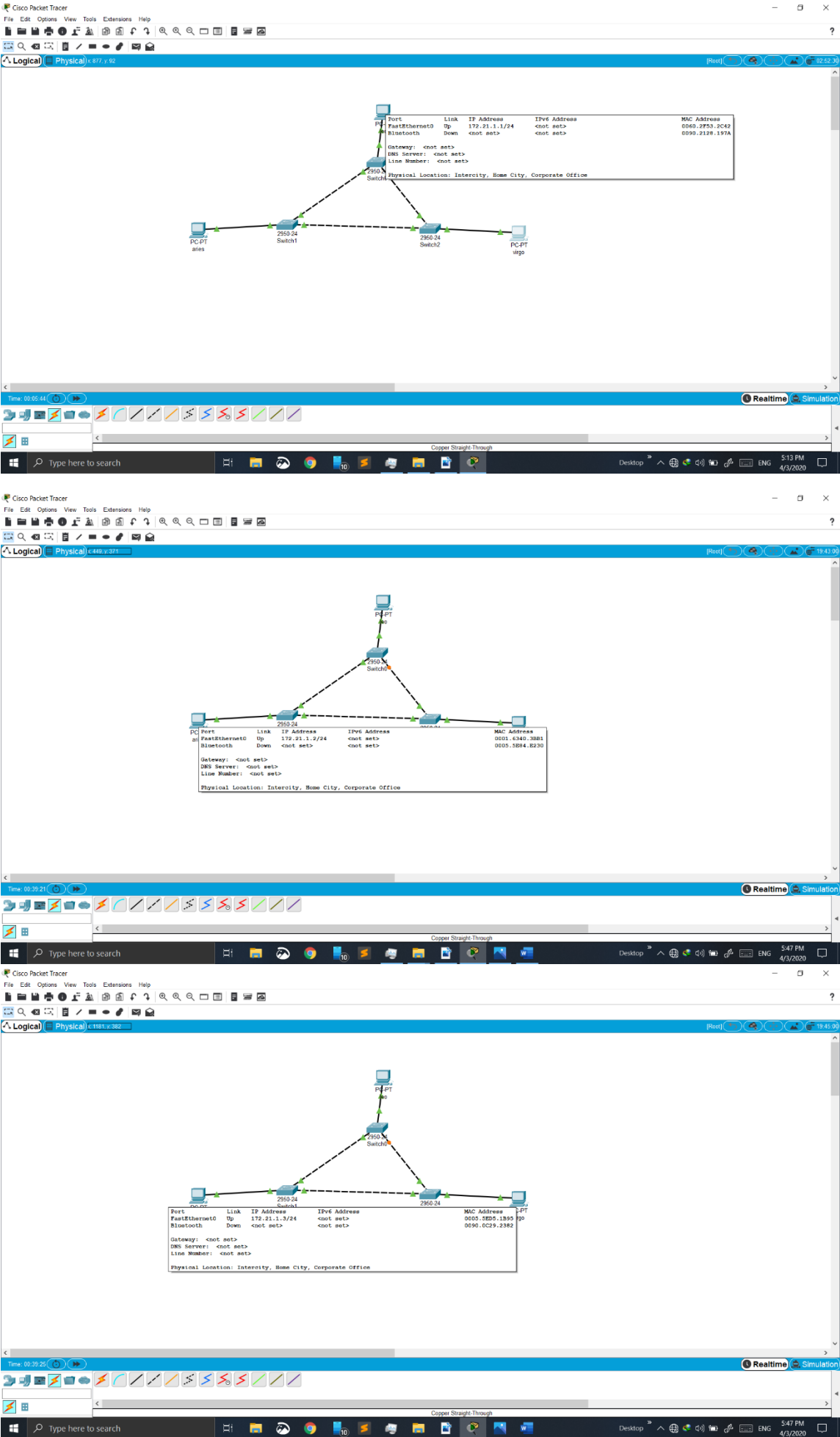
MODUL 6

C. KEGIATAN PRAKTIKUM

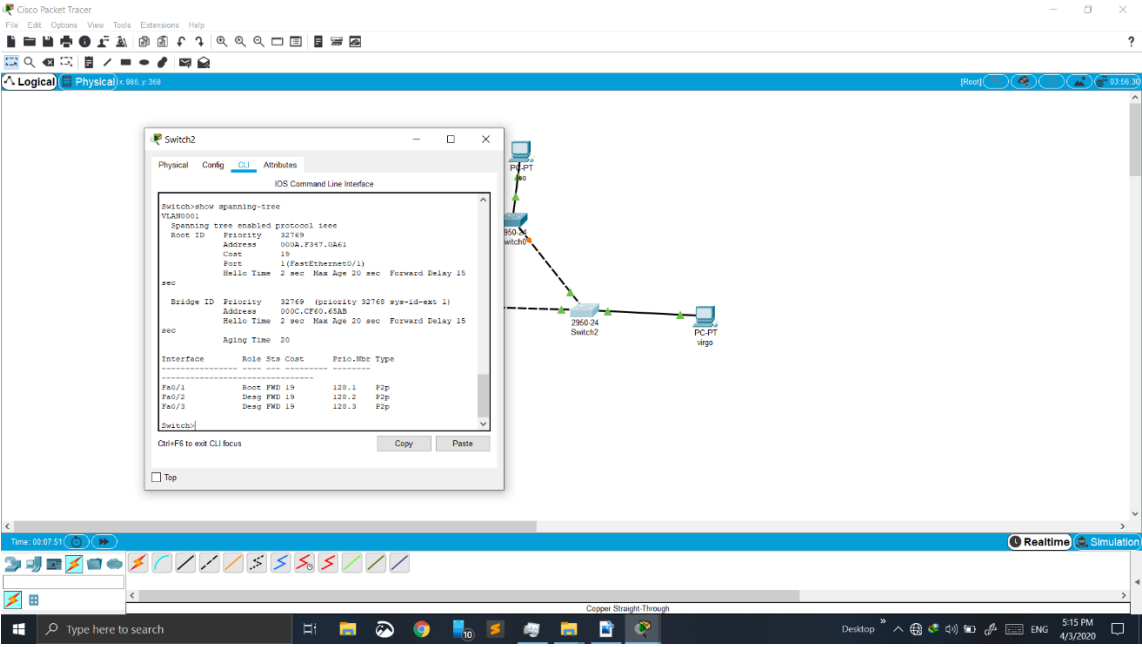
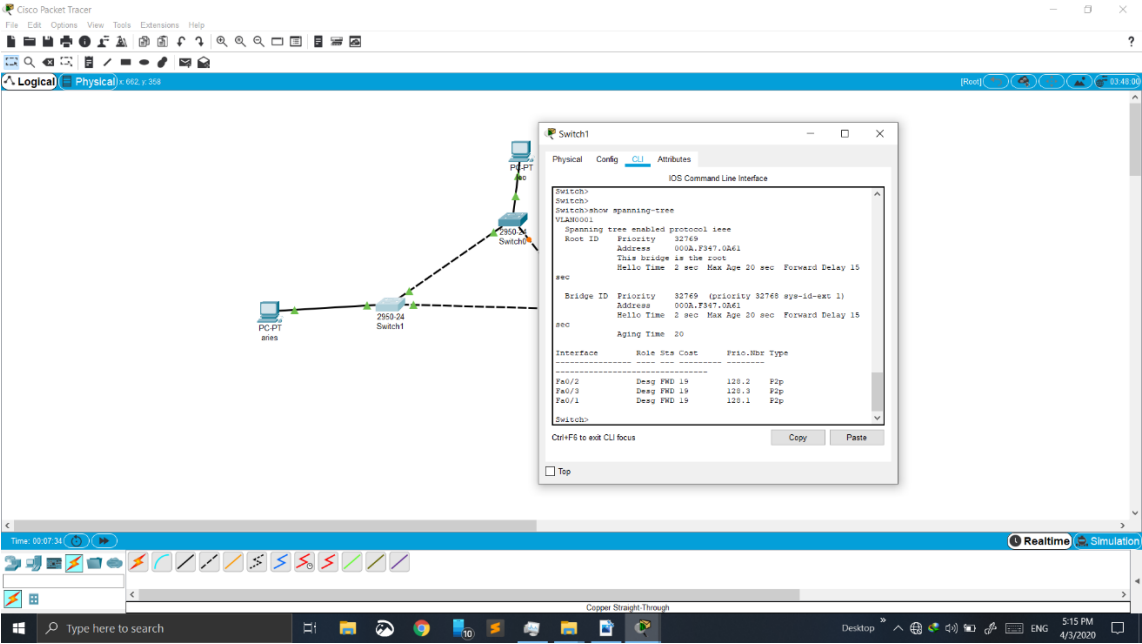
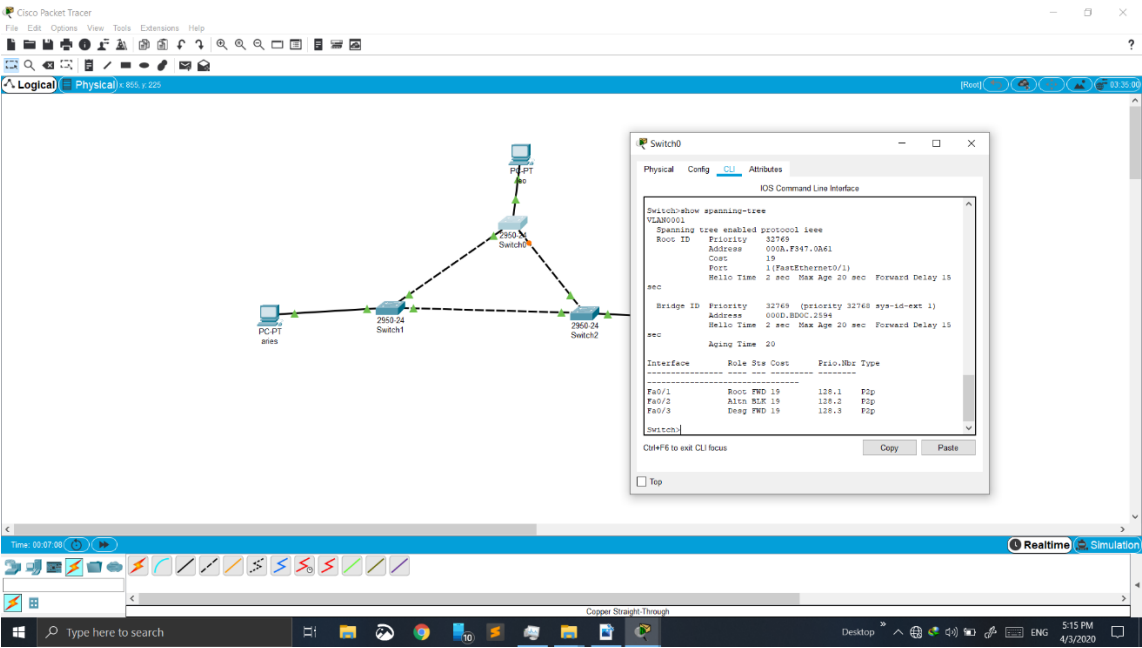
1. Kegiatan 1. Topologi 1

1. a,b,c

- Letakan 3 switch 2950-24 dan 3 pc
- Kemudian susun seperti gambar
- Hubungkan antar switch dengan kabel cross
- Hubungkan antara switch dengan kabel straight



4. A



4. B

SW0

No	Variable	Nilai
1	Root ID	000A.F347.0A61
2	Priority	32769
3	MAC Address	000D.BDOC.2594
4	Bridge ID	000D.BDOC.2594
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15

SW1

No	Variable	Nilai
1	Root ID	000A.F347.0A61
2	Priority	32769
3	MAC Address	000A.F347.0A61
4	Bridge ID	000A.F347.0A61
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15

SW2

No	Variable	Nilai
1	Root ID	000A.F347.0A61
2	Priority	32769
3	MAC Address	000C.CF60.65AB
4	Bridge ID	000C.CF60.65AB
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15

4. C

Root bridge : SW1

Designated bridge : SW2

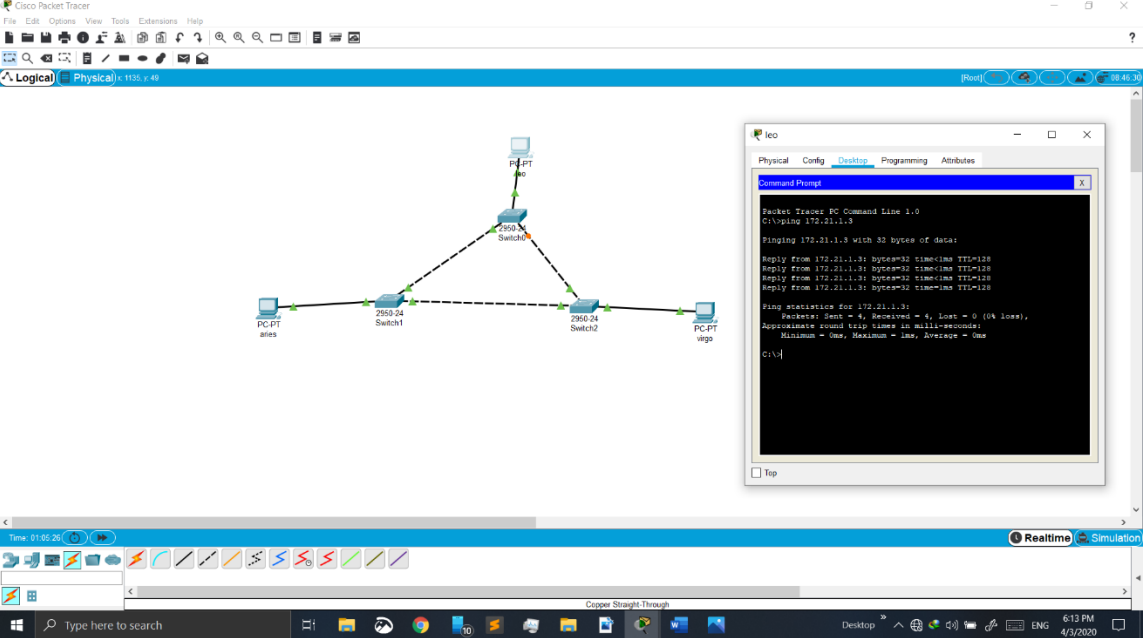
Root port : SW2 (Fa0/1), SW3(Fa0/1)

Designated port : SW1(Fa0/1;Fa0/2;Fa0/3), SW2(Fa0/2;Fa0/3), SW3(Fa0/3)

4. D

**Forwarding** : SW1(Fa0/1;Fa0/2;Fa0/3), SW2(Fa0/1;Fa0/2;Fa0/3), SW3(Fa0/1;Fa0/3)  
**Blocking** : SW3(Fa0/3)

5. A



Masuk ke PC >> Desktop >> Command Prompt

Lalu ketik “ping 172.21.1.3”

6. A

Lakukan ini untuk setiap switch

SW1>en

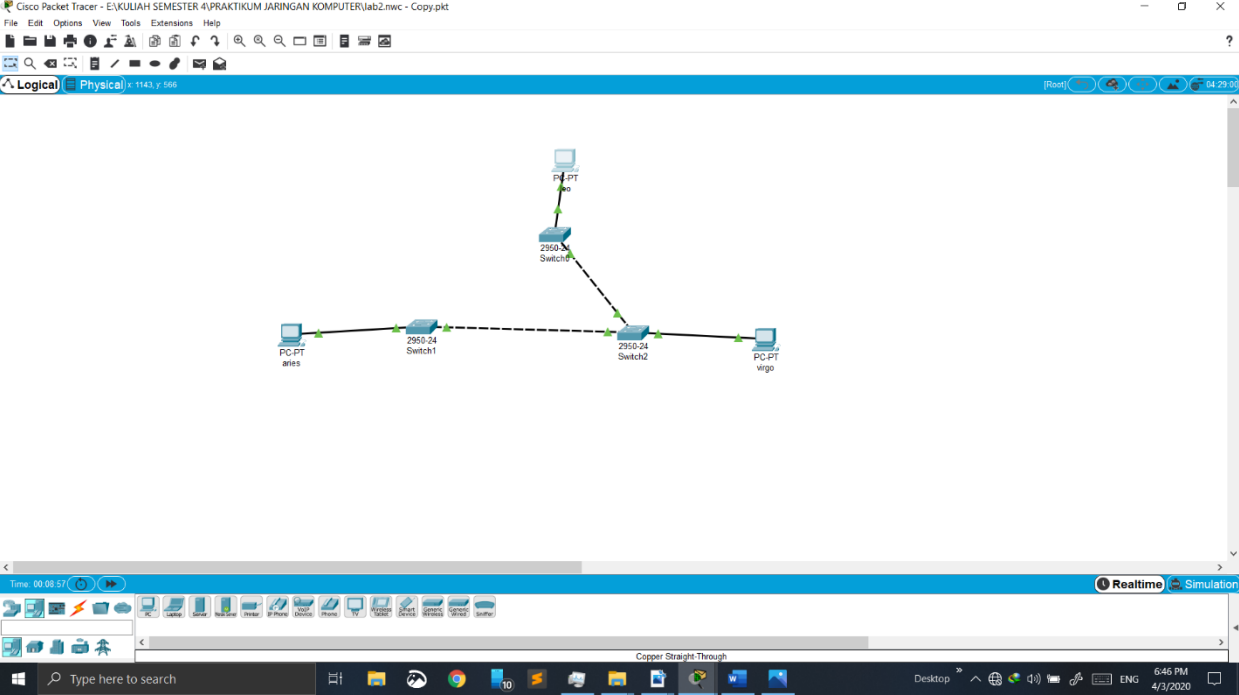
SW1#write

Building configuration...

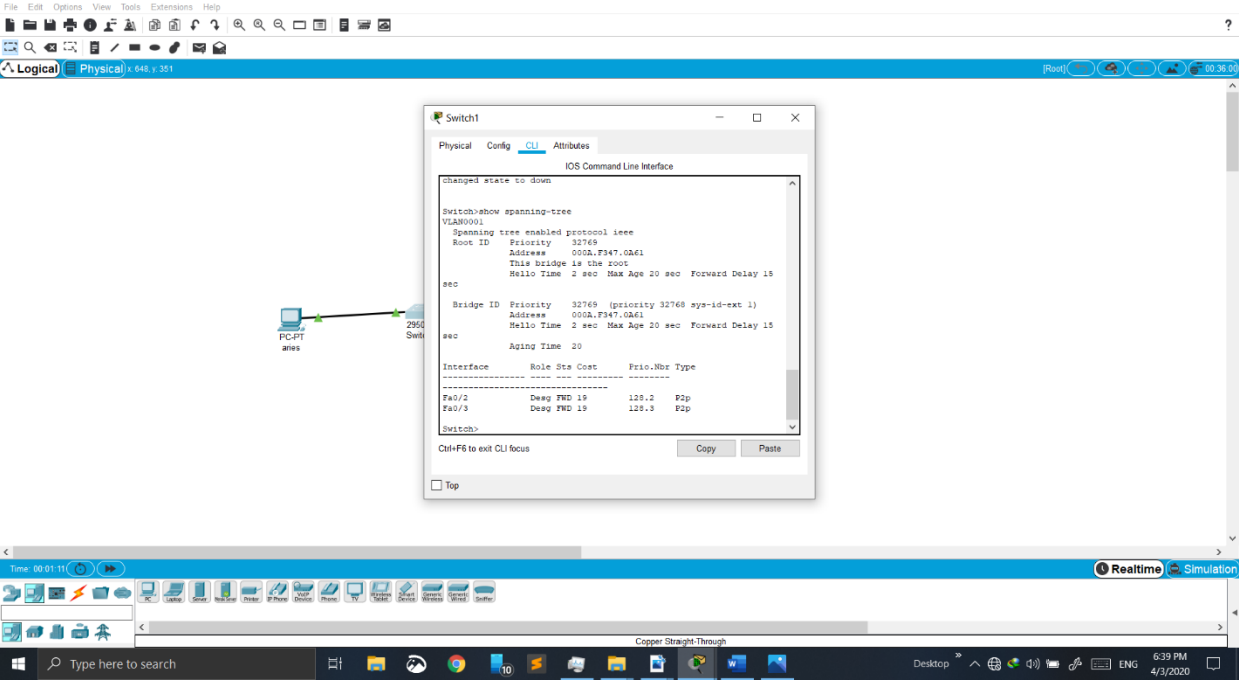
[OK]

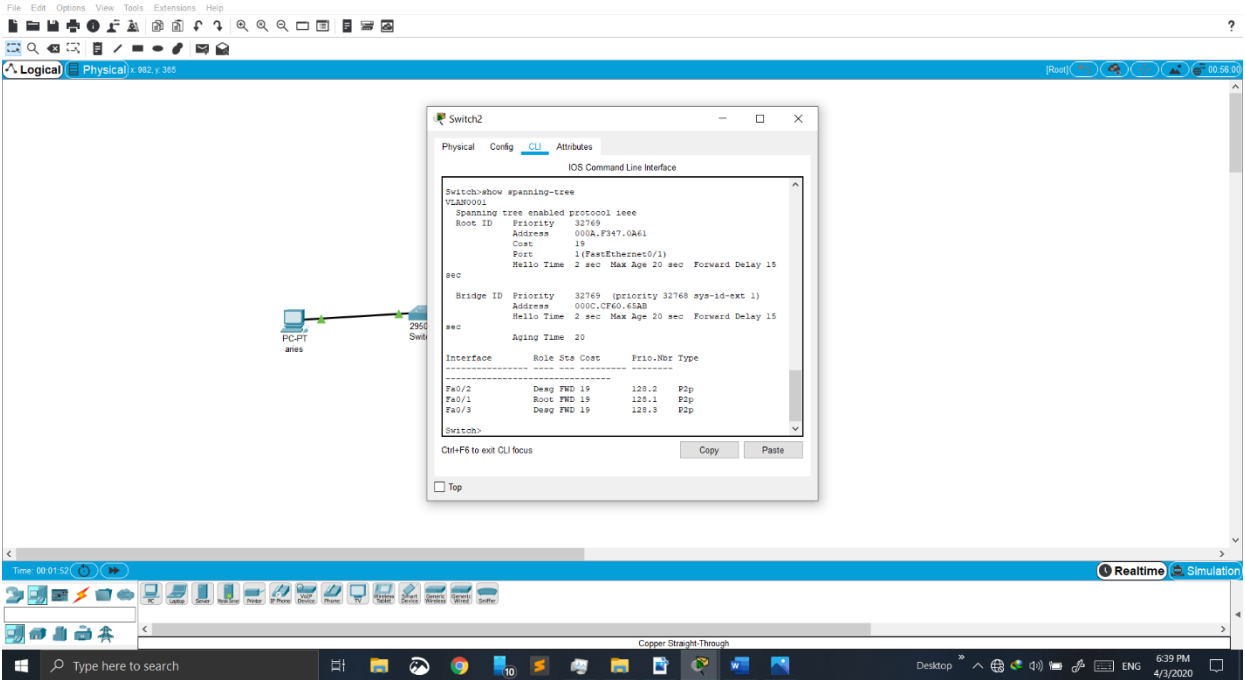
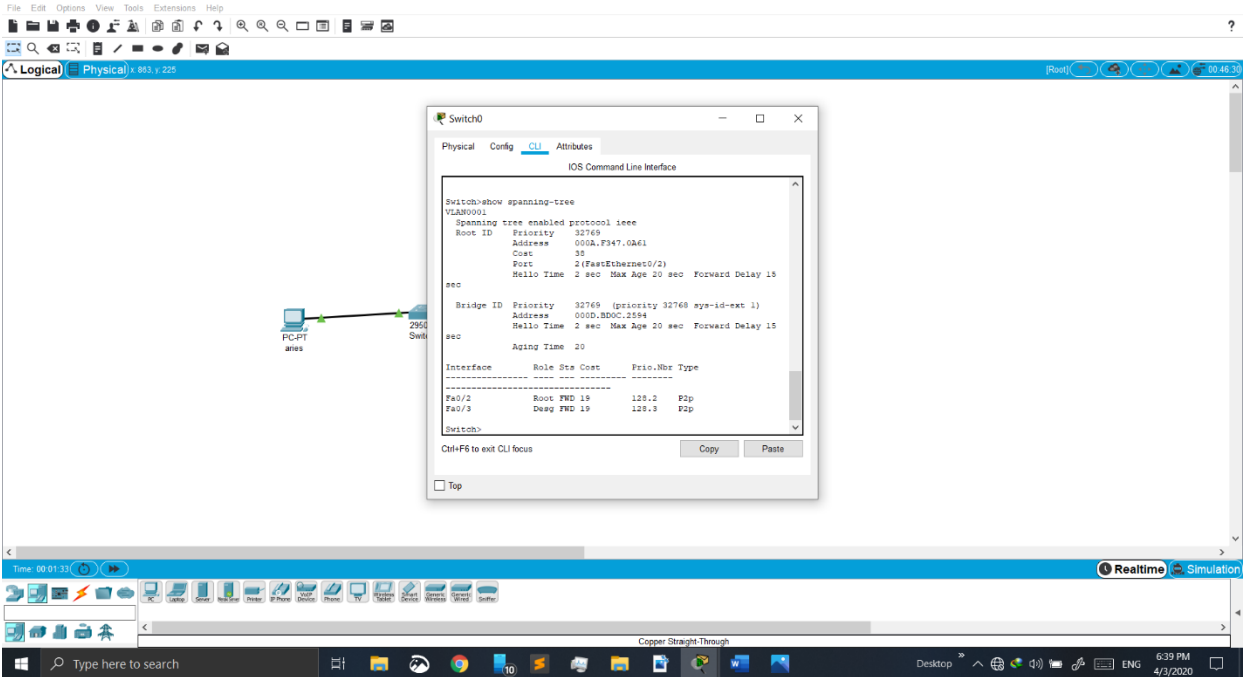
2. Kegiatan 2. Topologi 2

a.



b.





SW 0

No	Variable	Nilai
1	Root ID	000A.F347.0A61
2	Priority	32769
3	MAC Address	000D.BDOC.2594
4	Bridge ID	000D.BDOC.2594
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15

SW1

No	Variable	Nilai
1	Root ID	000A.F347.0A61
2	Priority	32769
3	MAC Address	000A.F347.0A61
4	Bridge ID	000A.F347.0A61
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec
8	Forward Delay	15

SW2

No	Variable	Nilai
1	Root ID	000A.F347.0A61
2	Priority	32769
3	MAC Address	000C.CF60.65AB
4	Bridge ID	000C.CF60.65AB
5	Cost(0/1;0/2;0/3)	19/19/19
6	Hello Time	2 sec
7	MaxAge	20 sec

8	Forward Delay	15
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Menentukan :

- Root bridge : SW1
- Designated bridge : SW3
- Root Port : SW2 (Fa0/1), SW3(Fa0/1)
- Designated Port : SW1 (Fa0/1, Fa0/2), SW2 (Fa0/2), SW3 (Fa0/2, Fa0/3)

Menentukan :

- Keadaan forwarding :
  - SW1 (Fa0/1, Fa0/2)
  - SW2 (Fa0/1, Fa0/2)
  - SW3 (Fa0/1, Fa0/2, Fa0/3)
- Keadaan blocking : tidak ada

