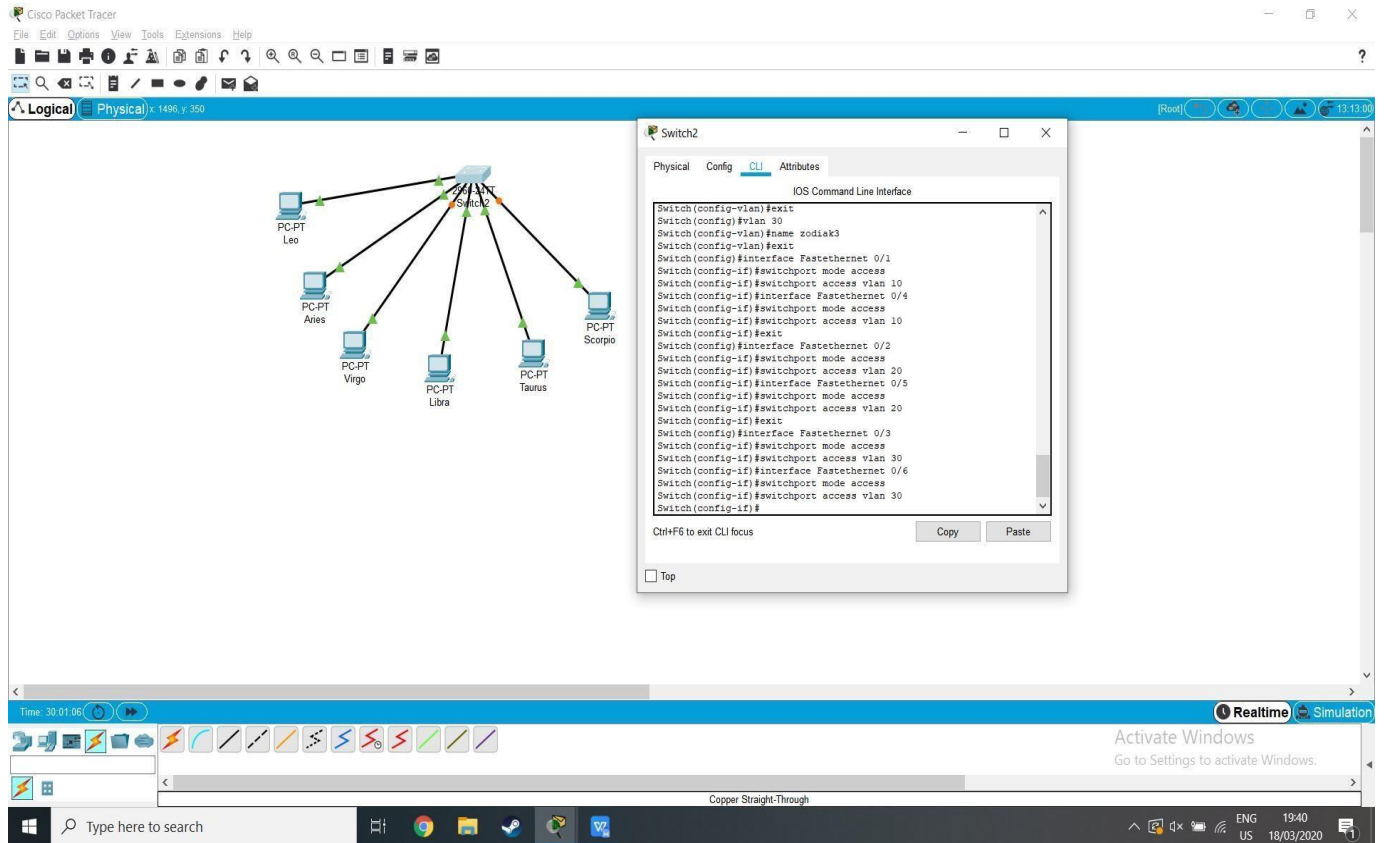
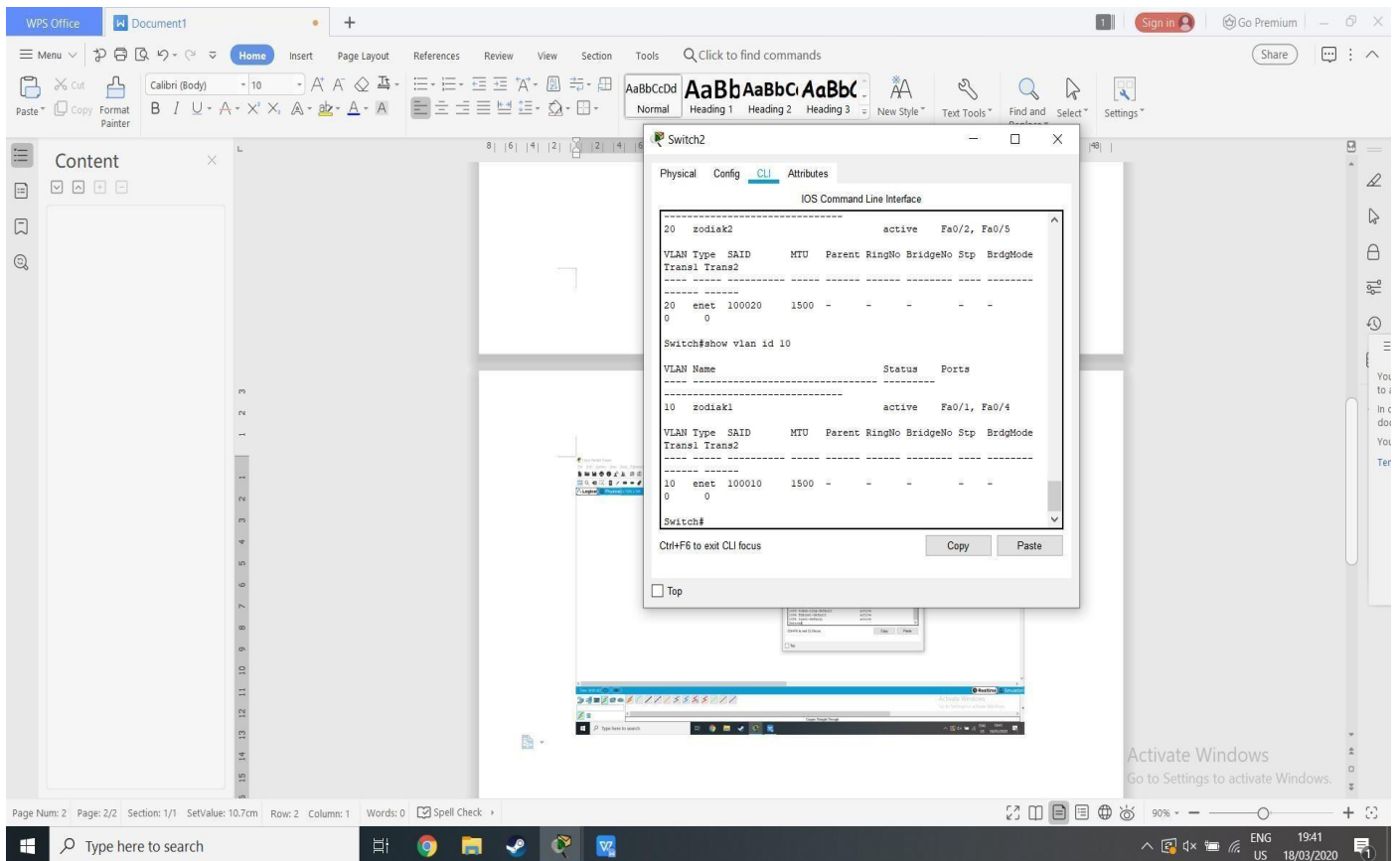
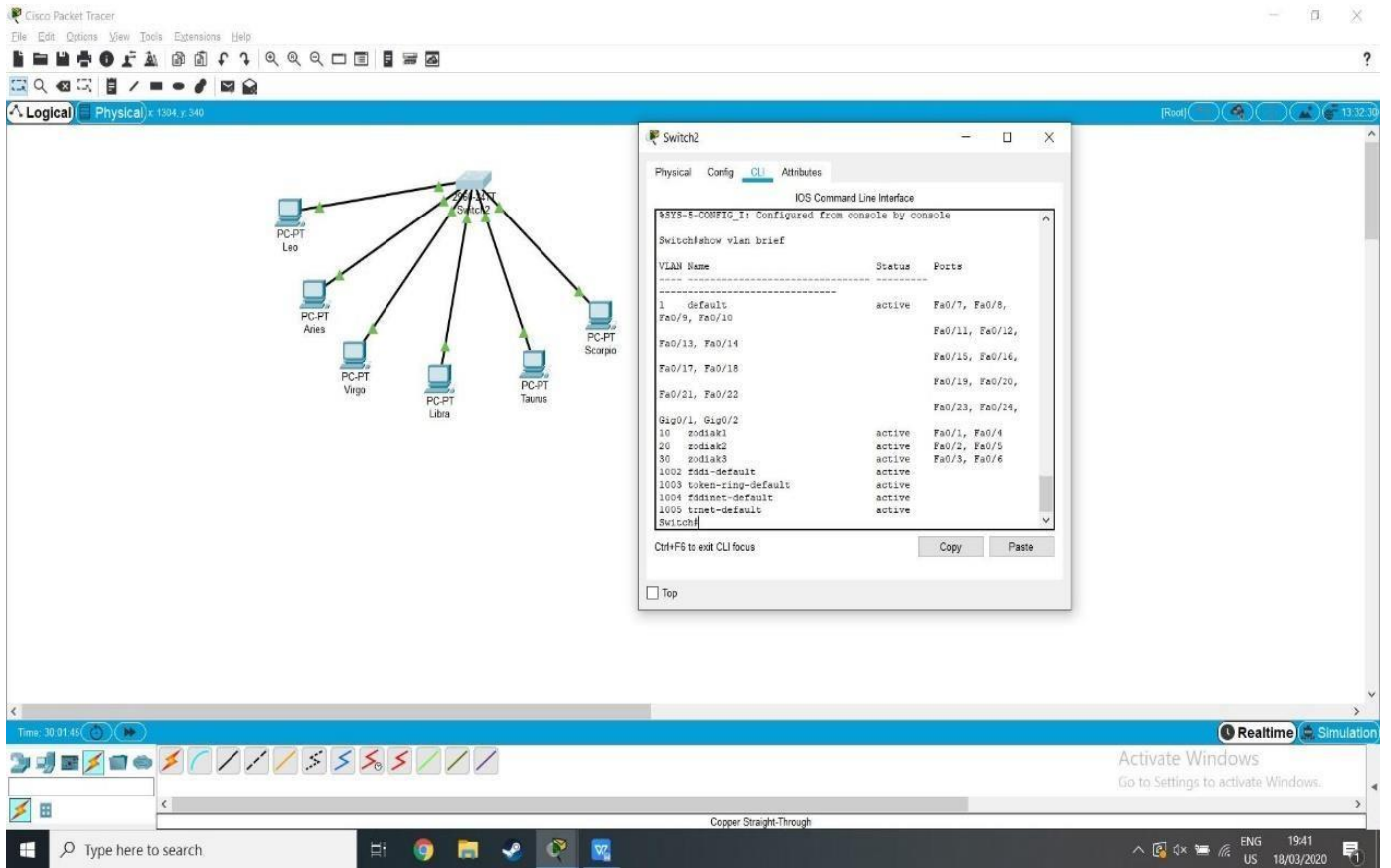


Khumaila Masfarina Yusrifa

L200180198

Modul 4

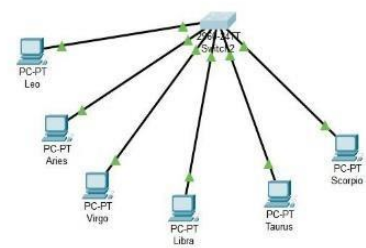




Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x: 1394, y: 340 [Root] 13:55:39



Switch2

Physical Config CLI Attributes

IOS Command Line Interface

```
10 zodiak1 active Fa0/1, Fa0/4
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode
Trans1 Trans2
-----
10 enet 100010 1500 - - - - -
0 0

Switch#show vlan id 10

VLAN Name Status Ports
-----
20 zodiak2 active Fa0/2, Fa0/5
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode
Trans1 Trans2
-----
20 enet 100020 1500 - - - - -
0 0

Switch#
```

Ctrl+F5 to exit CLI focus

Copy Paste

Top

Time: 30:02:31

Realtime Simulation

Activate Windows
Go to Settings to activate Windows.

Copper Straight-Through

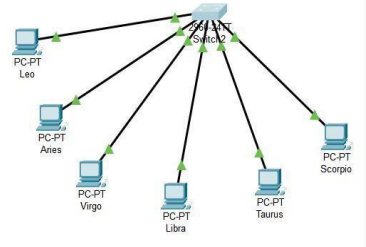
Type here to search

ENG 19:41 18/03/2020

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x: 1342, y: 343 [Root] 14:01:35



Switch2

Physical Config CLI Attributes

IOS Command Line Interface

```
20 zodiak2 active Fa0/2, Fa0/5
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode
Trans1 Trans2
-----
20 enet 100020 1500 - - - - -
0 0

Switch#show vlan id 30

VLAN Name Status Ports
-----
30 zodiak3 active Fa0/3, Fa0/6
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode
Trans1 Trans2
-----
30 enet 100030 1500 - - - - -
0 0

Switch#
```

Ctrl+F5 to exit CLI focus

Copy Paste

Top

Time: 30:02:43

Realtime Simulation

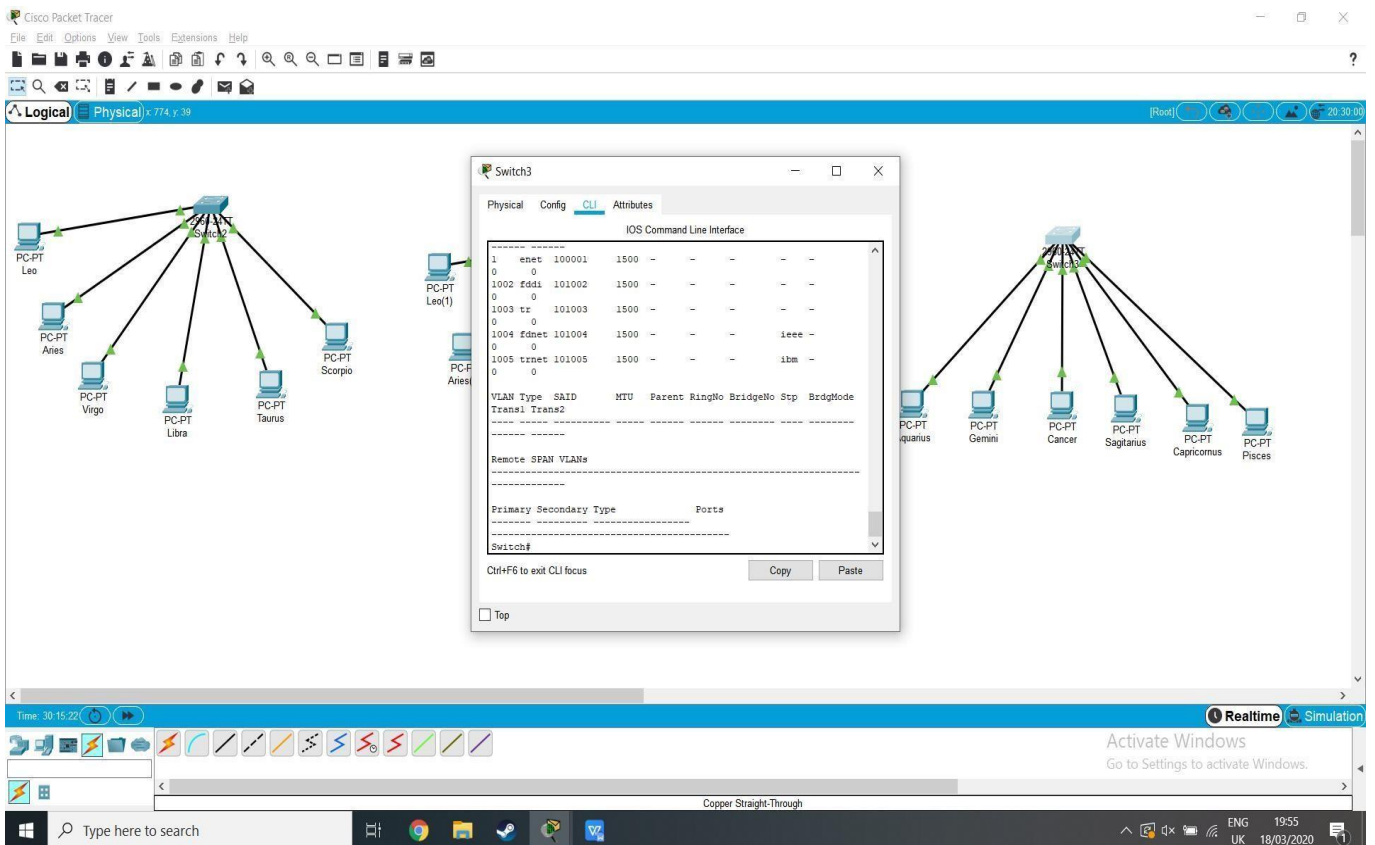
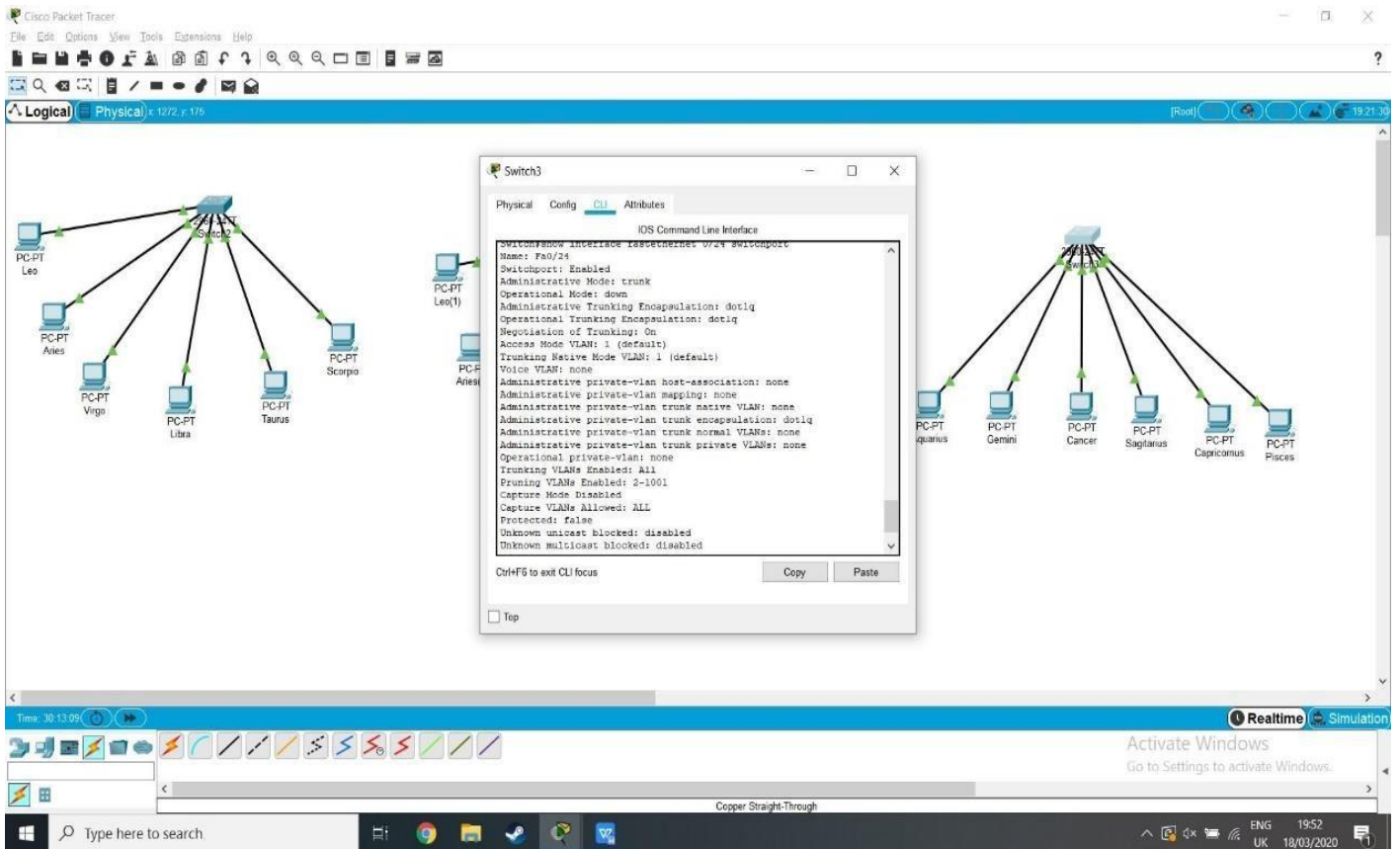
Activate Windows
Go to Settings to activate Windows.

Copper Straight-Through

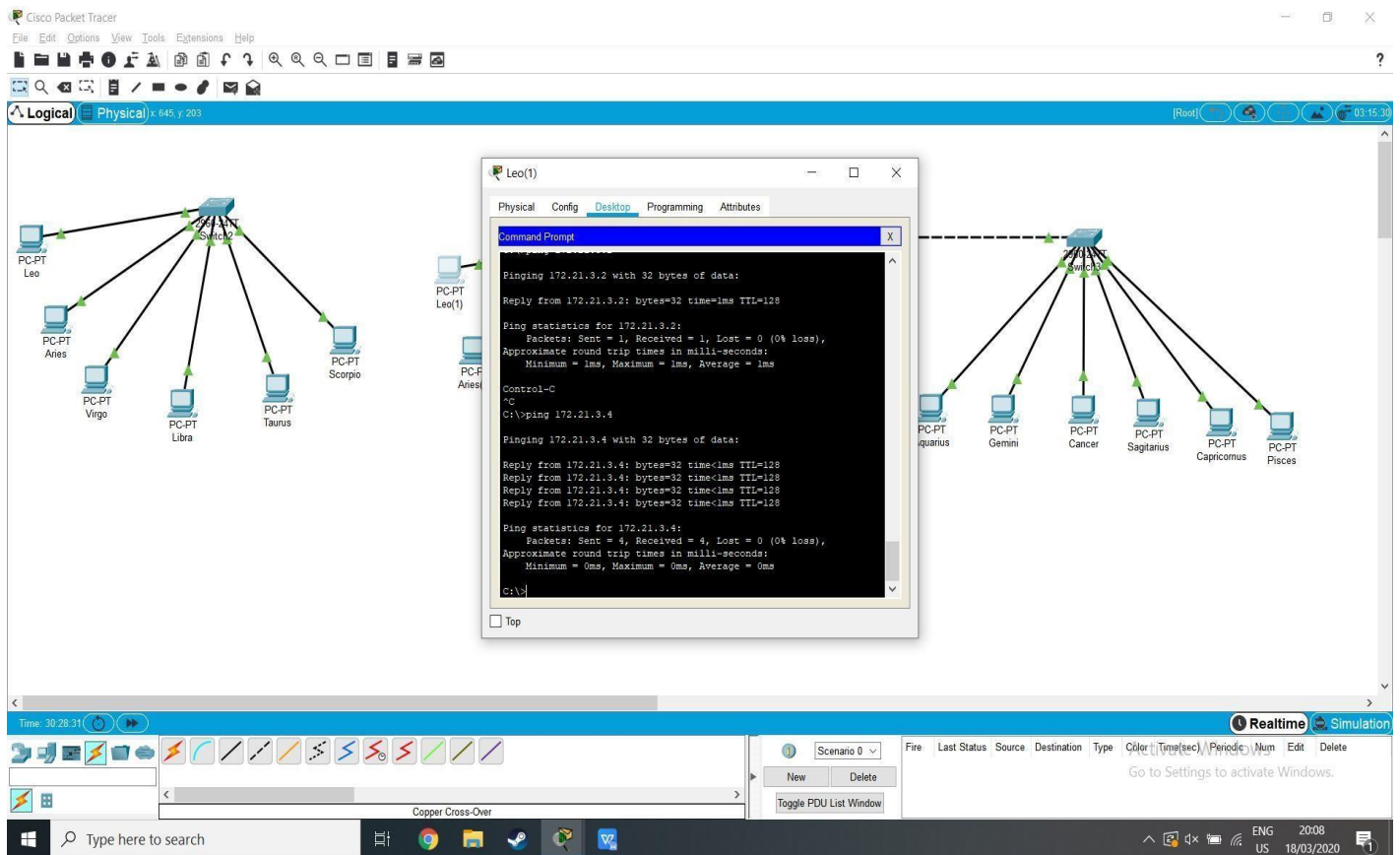
Type here to search

ENG 19:42 18/03/2020

No	Variabel	Nilai
1	Nomor Vlan	10
2	Nama Vlan	Zodiak1
3	Port	0/1 dan 0/4
4	Status	active
No	Variabel	Nilai
1	Nomor Vlan	20
2	Nama Vlan	Zodiak2
3	Port	0/2 dan 0/5
4	Status	active
No	Variabel	Nilai
1	Nomor Vlan	30
2	Nama Vlan	Zodiak3
3	Port	0/4 dan 0/6
4	Status	active

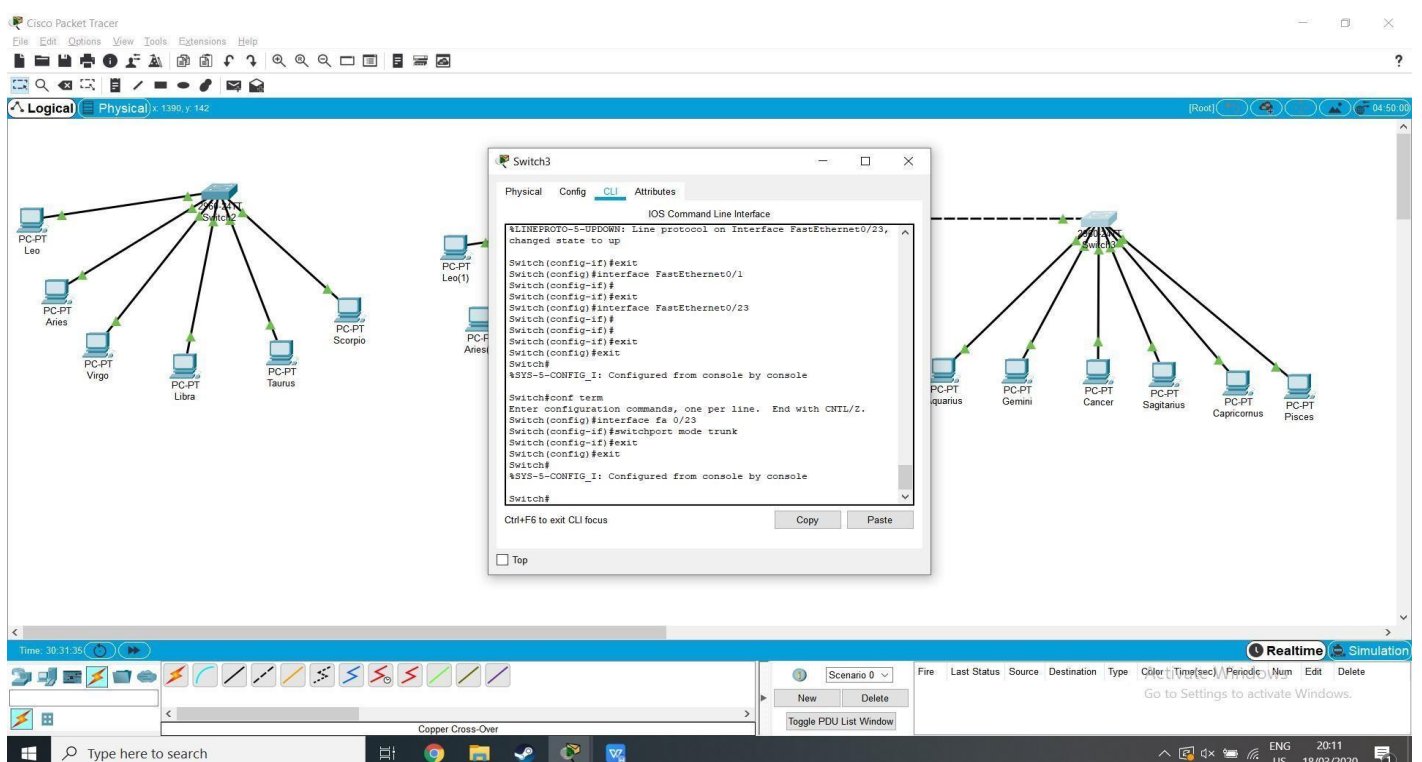


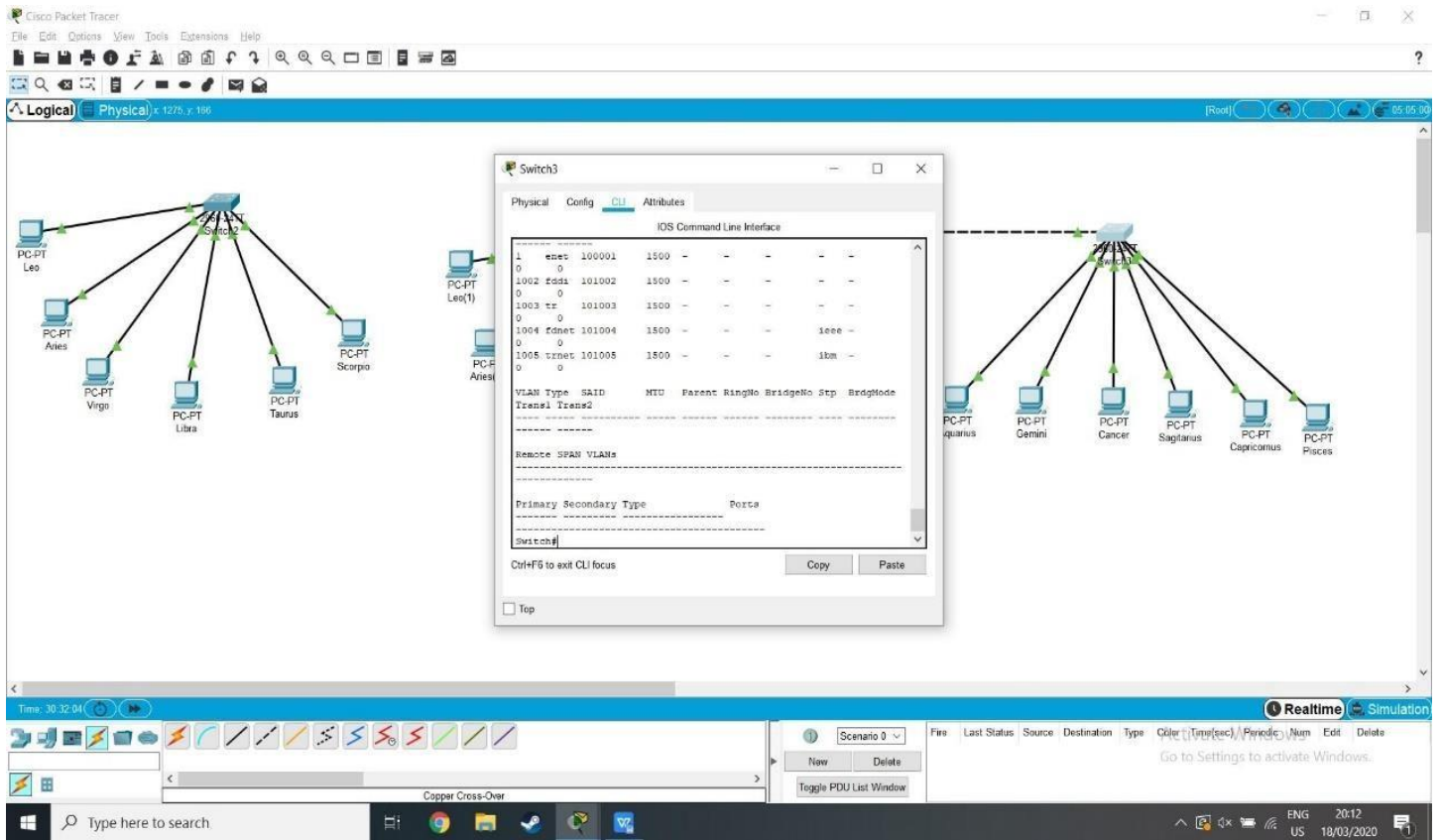
Tugas 7A: Semua vlan berhasil di aktifkan



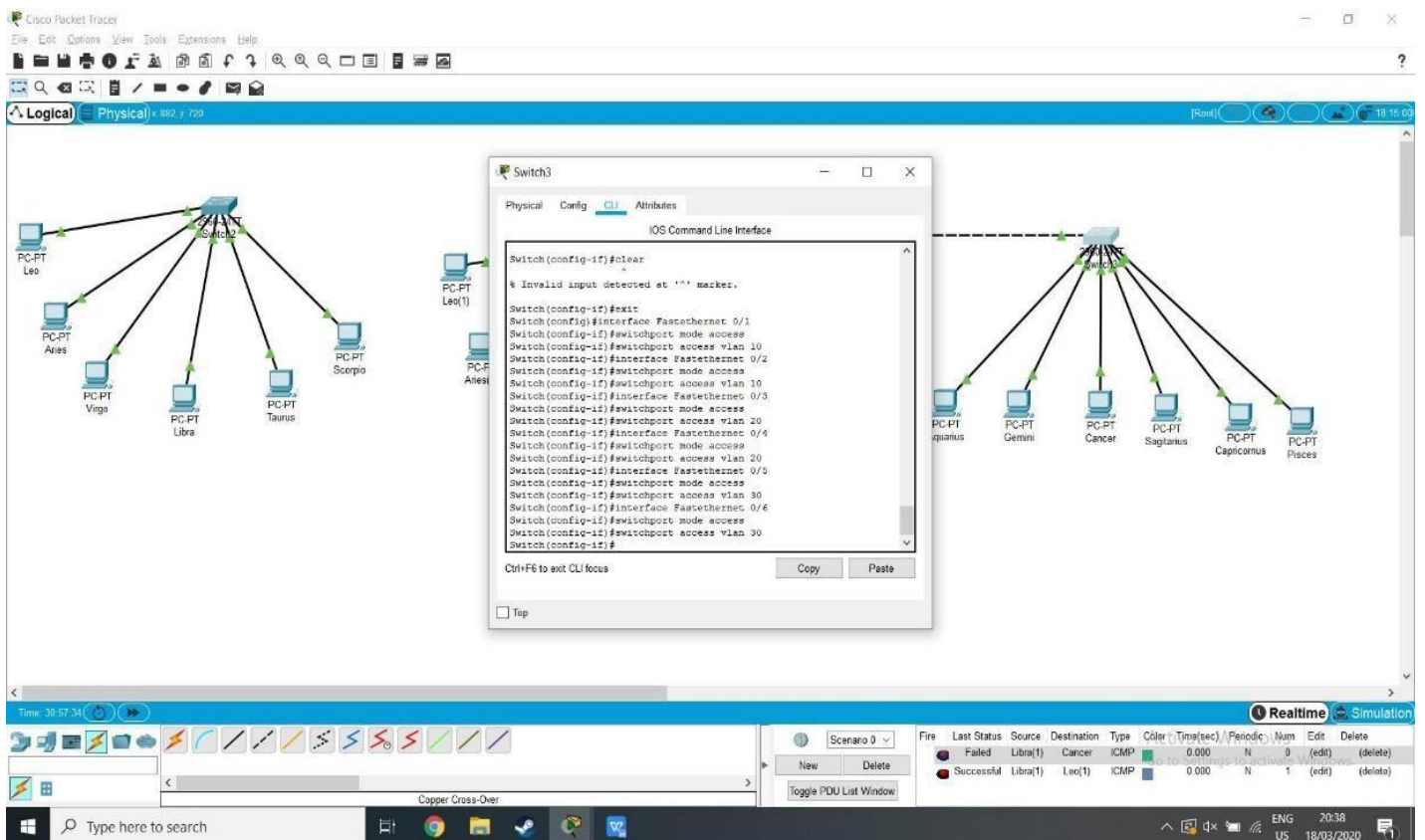
Tugas 8A:

Mengapa hasil yang diperoleh adalah reply karena pada switchport mode trunk bisa menggunakan semua vlan yang ada





Tugas 10A : pada mode trunk semua vlan bisa digunakan sekaligus



Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical 193 v.4 [Root] 19:12:00

Leo(1)

Physical Config Desktop Programming Attributes

Command Prompt

```
C:\>ping 172.21.3.4
Pinging 172.21.3.4 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.21.3.4:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 172.21.1.2
Pinging 172.21.1.2 with 32 bytes of data:
Reply from 172.21.1.2: bytes=32 time=1ms TTL=128
Reply from 172.21.1.2: bytes=32 time=1ms TTL=128
Reply from 172.21.1.2: bytes=32 time=1ms TTL=128
Reply from 172.21.1.2: bytes=32 time=1ms TTL=128

Ping statistics for 172.21.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

Libra(1)

Physical Config Desktop Programming Attributes

Command Prompt

```
C:\>ping 172.21.2.3
Pinging 172.21.2.3 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.21.2.3:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 172.21.1.1
Pinging 172.21.1.1 with 32 bytes of data:
Reply from 172.21.1.1: bytes=32 time=1ms TTL=128
Reply from 172.21.1.1: bytes=32 time=1ms TTL=128
Reply from 172.21.1.1: bytes=32 time=1ms TTL=128
Reply from 172.21.1.1: bytes=32 time=1ms TTL=128

Ping statistics for 172.21.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

PC-PT Leo

PC-PT Aries

PC-PT Virgo(1)

PC-PT Libra(1)

Switch 1

PC-PT Cancer

PC-PT Sagittarius

PC-PT Capricornus

PC-PT Pisces

Time: 30:59:25

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodicity Num Edit Delete

Failed Libra(1) Cancer ICMP 0.000 N 0 (edit) (delete)

Successful Libra(1) Leo(1) ICMP 0.000 N 1 (edit) (delete)

Toggle PDU List Window

Copper Cross-Over

Type here to search

ENG 20:40 18/03/2020

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical 205 v.173 [Root] 19:37:00

Leo(1)

Physical Config Desktop Programming Attributes

Command Prompt

```
C:\>ping 172.21.1.2
Pinging 172.21.1.2 with 32 bytes of data:
Reply from 172.21.1.2: bytes=32 time=1ms TTL=128
Reply from 172.21.1.2: bytes=32 time=1ms TTL=128
Reply from 172.21.1.2: bytes=32 time=1ms TTL=128
Reply from 172.21.1.2: bytes=32 time=1ms TTL=128

Ping statistics for 172.21.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 172.21.1.3
Pinging 172.21.1.3 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.21.1.3:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

PC-PT Leo

PC-PT Aries

PC-PT Virgo(1)

PC-PT Libra(1)

PC-PT Taurus(1)

PC-PT Scorpio(1)

Switch 1

Switch 2

PC-PT Aquarius

PC-PT Gemini

PC-PT Cancer

PC-PT Sagittarius

PC-PT Capricornus

PC-PT Pisces

Time: 31:00:13

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodicity Num Edit Delete

Failed Libra(1) Cancer ICMP 0.000 N 0 (edit) (delete)

Successful Libra(1) Leo(1) ICMP 0.000 N 1 (edit) (delete)

Toggle PDU List Window

Copper Cross-Over

Type here to search

ENG 20:41 18/03/2020

Tugas 12A : Hasilnya

Ping PC Leo - PC Aries	= Reply berhasil connect karena masih 1 Vlan
Ping PC Leo - PC Aquarius	= RTO gagal karena beda vlan antara PC Leo - PC Aquarius Vlan PC Leo 1 - Vlan PC Aquarius 10
Ping PC Leo - PC Pisces	= RTO gagal karena beda vlan antara PC Leo - PC Pisces Vlan PC Leo 1 - Vlan PC Aquarius 30
Ping PC Libra - PC Cancer	= RTO gagal karena beda vlan antara PC Libra - PC Cancer Vlan PC Leo 1 - Vlan PC Aquarius 20
Ping PC Libra - Leo	= Reply berhasil connect karena masih 1 Vlan