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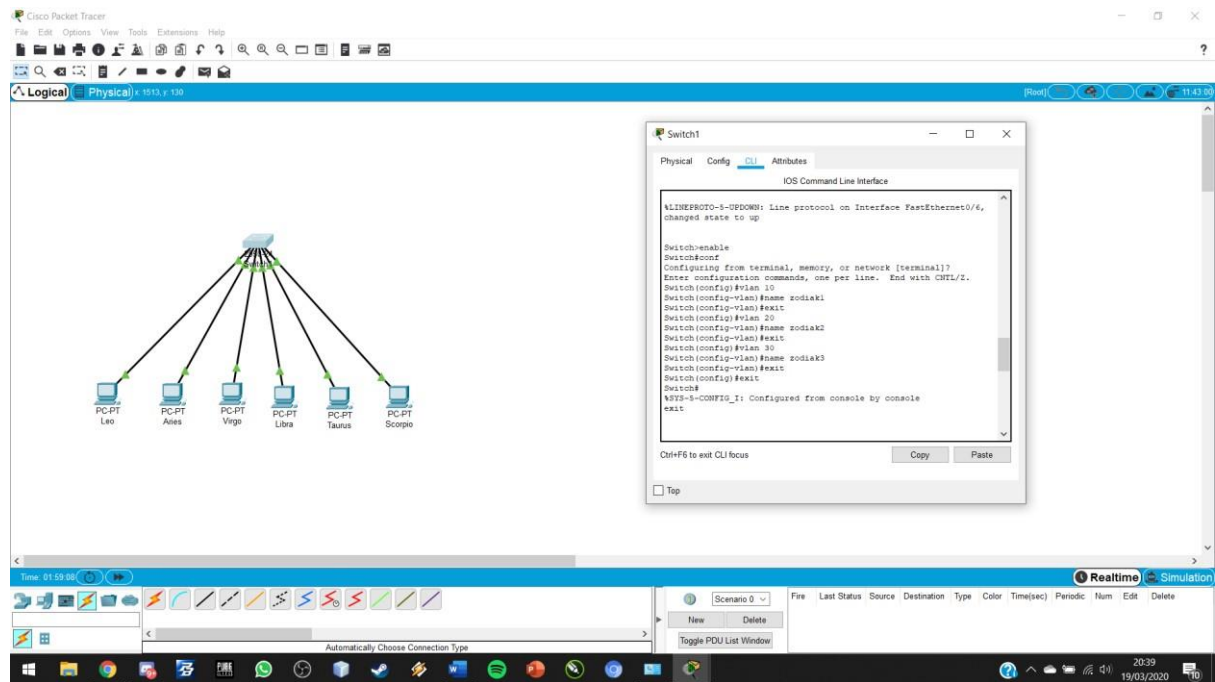
NIM : L200180100

Kelas : C

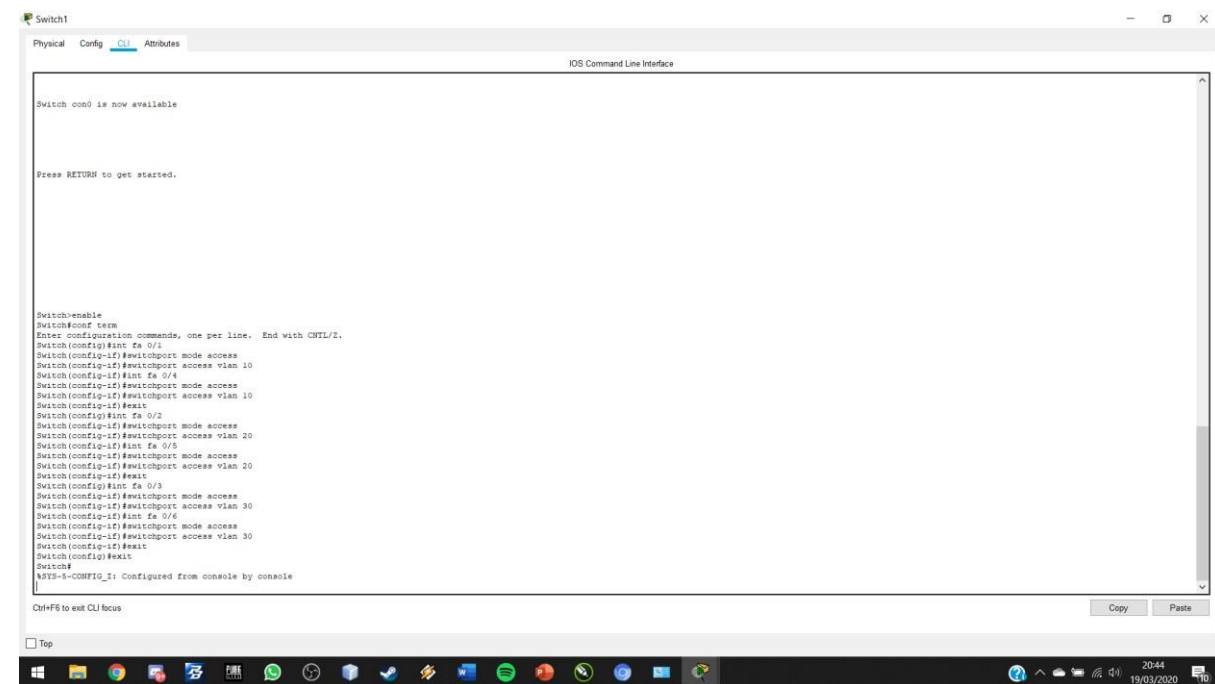
Modul 4.

KEGIATAN 1.

d)



e)



f)

Switch1

Physical Config CLI Attributes

IOS Command Line Interface

```
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console
show vlan brief
```

VLAN Name	Status	Ports
1 default	active	Fa0/7, Fa0/8, Fa0/9, Fa0/10 Fa0/11, Fa0/12, Fa0/13, Fa0/14 Fa0/15, Fa0/16, Fa0/17, Fa0/18 Fa0/19, Fa0/20, Fa0/21, Fa0/22 Fa0/23, Fa0/24
10 zodiak1	active	Fa0/1, Fa0/4
20 zodiak2	active	Fa0/2, Fa0/5
30 zodiak3	active	Fa0/3, Fa0/6
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddisat-default	active	
1005 tokenring-default	active	

```
Switch#show vlan id 10
```

VLAN Name	Status	Ports
10 zodiak1	active	Fa0/1, Fa0/4

VLAN Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode	Tran	Trans2
10	enst 100010	1500	-	-	-	-	-	0	0

```
Switch#show vlan id 20
```

VLAN Name	Status	Ports
20 zodiak2	active	Fa0/2, Fa0/5

VLAN Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode	Tran	Trans2
20	enst 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	Tran	Trans2
30	enst 100030	1500	-	-	-	-	-	0	0

Switch#

Ctrl+F5 to exit CLI focus

Copy Paste

Top

KEGIATAN 2.

f)

Switch1

Physical Config CLI Attributes

IOS Command Line Interface

```
Switch console is now available

Press RETURN to get started.
```

```
Switch#enable
Switch#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#int fa 0/24
Switch(config-if)#switchport mode trunk
Switch(config-if)#exit
Switch(config)#
Switch(config)#switch
% Invalid input detected at '' marker.
Switch(config)#switch
% Invalid input detected at '' marker.
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console
exit
```

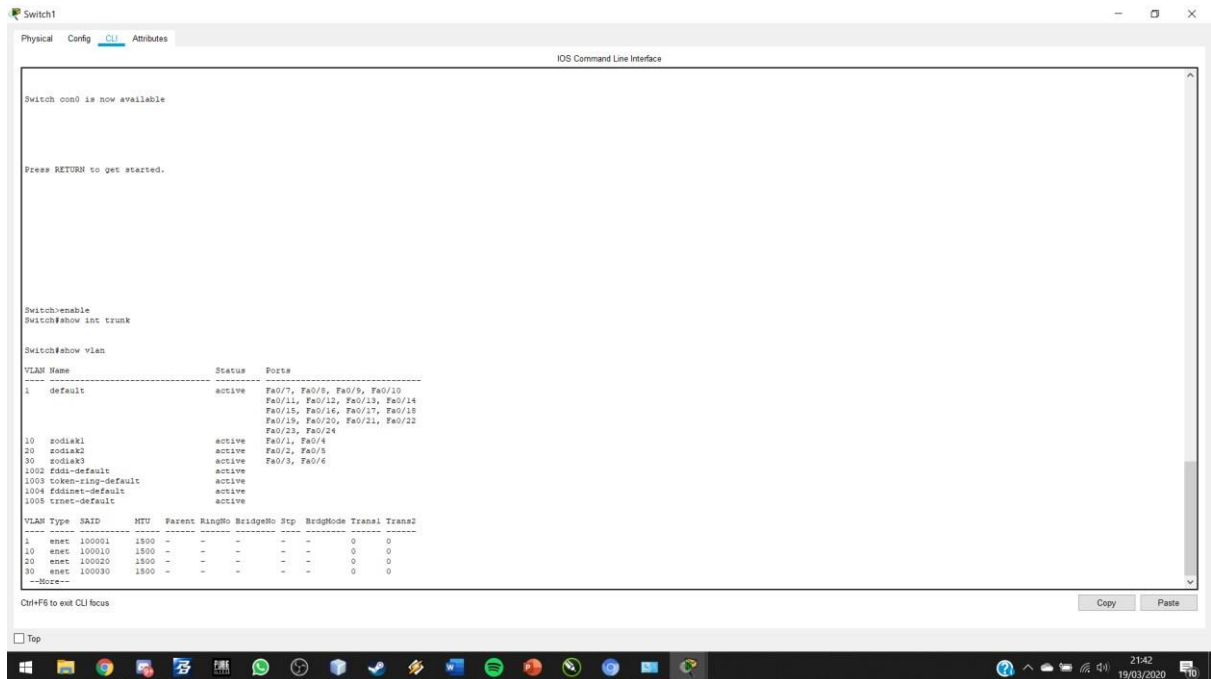
Switch console is now available

Ctrl+F5 to exit CLI focus

Copy Paste

Top

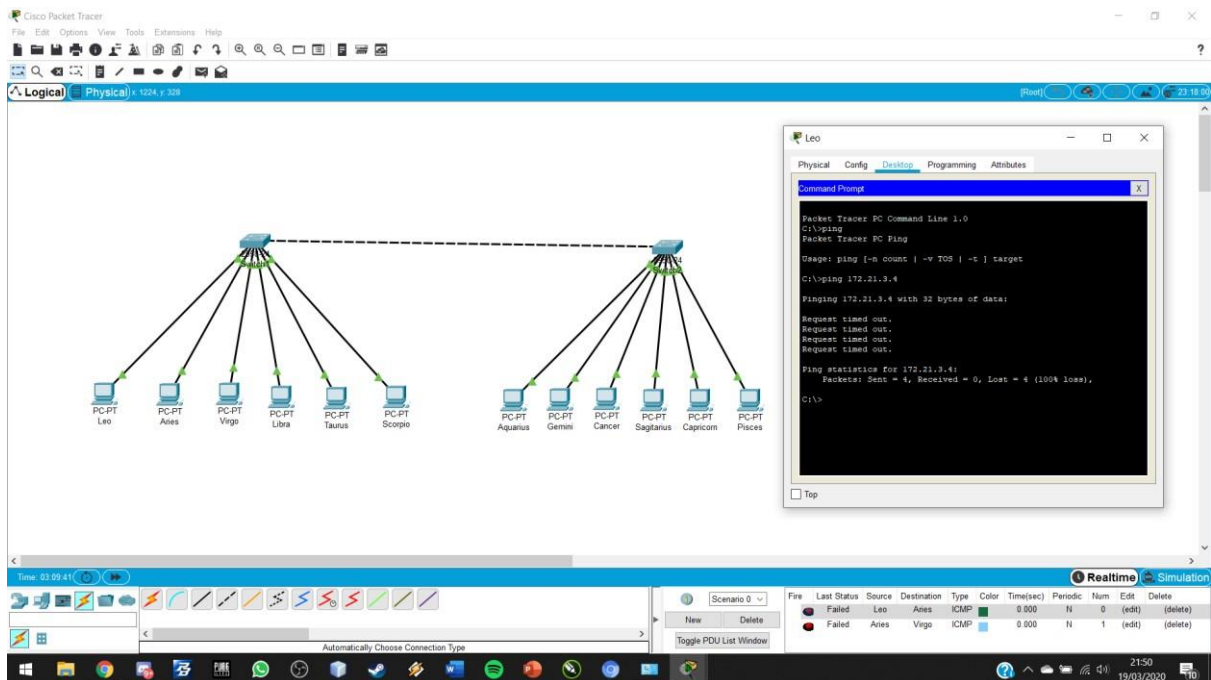
g)



Tugas 7A :

Ketika switch 1 menerima broadcast dari perangkat dalam VLAN 1, switch ini perlu juga untuk memforward broadcast ke switch 2. Sebelum mengirim frame, switch 1 akan menambahkan header lain ke Ethernet frame orisinilnya.

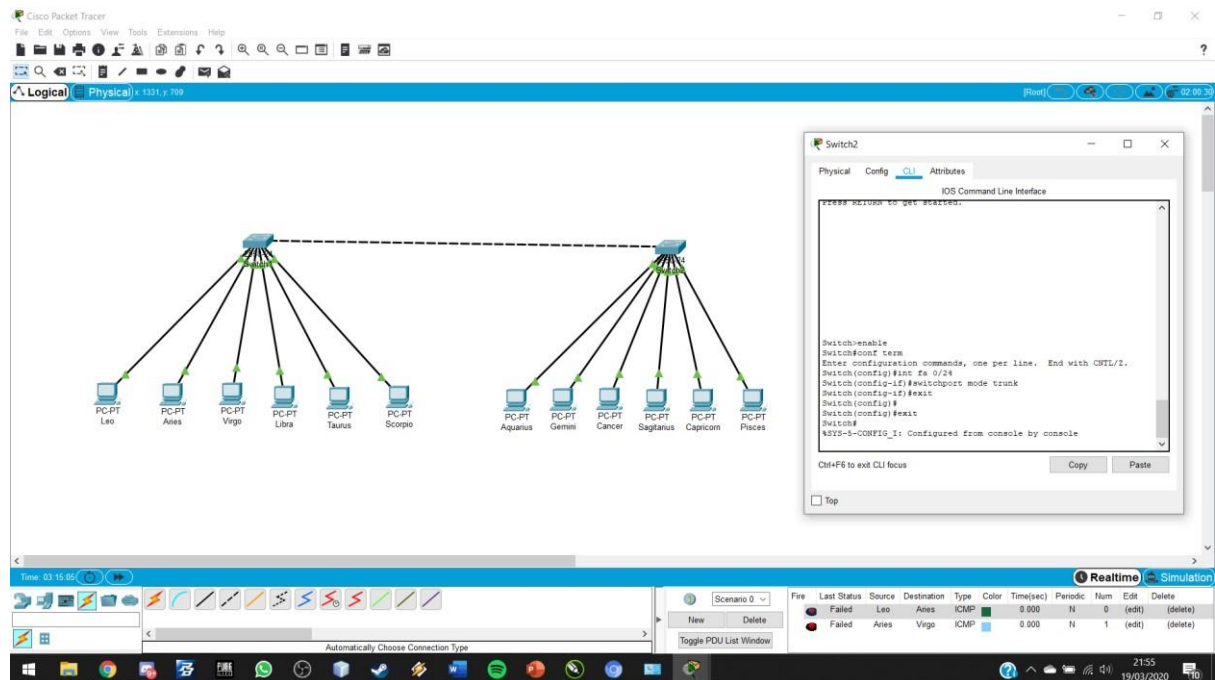
h)



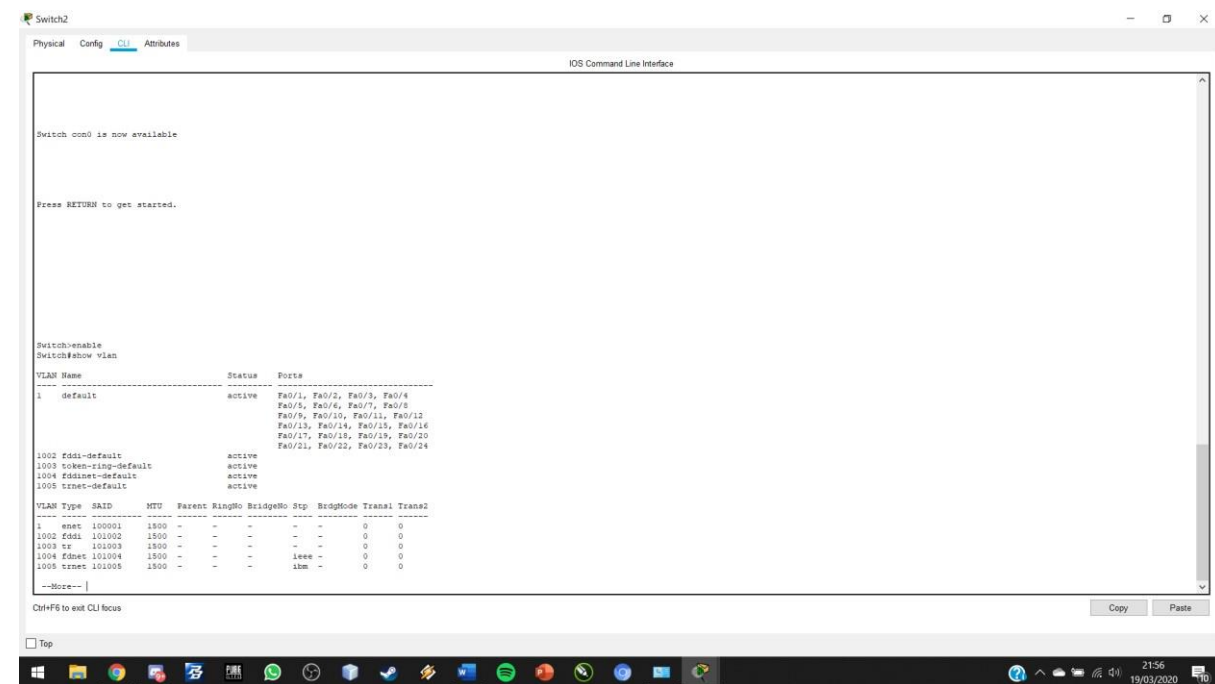
Tugas 8A :

Karena PC Leo dan PC Pisces sudah beda VLAN

i)



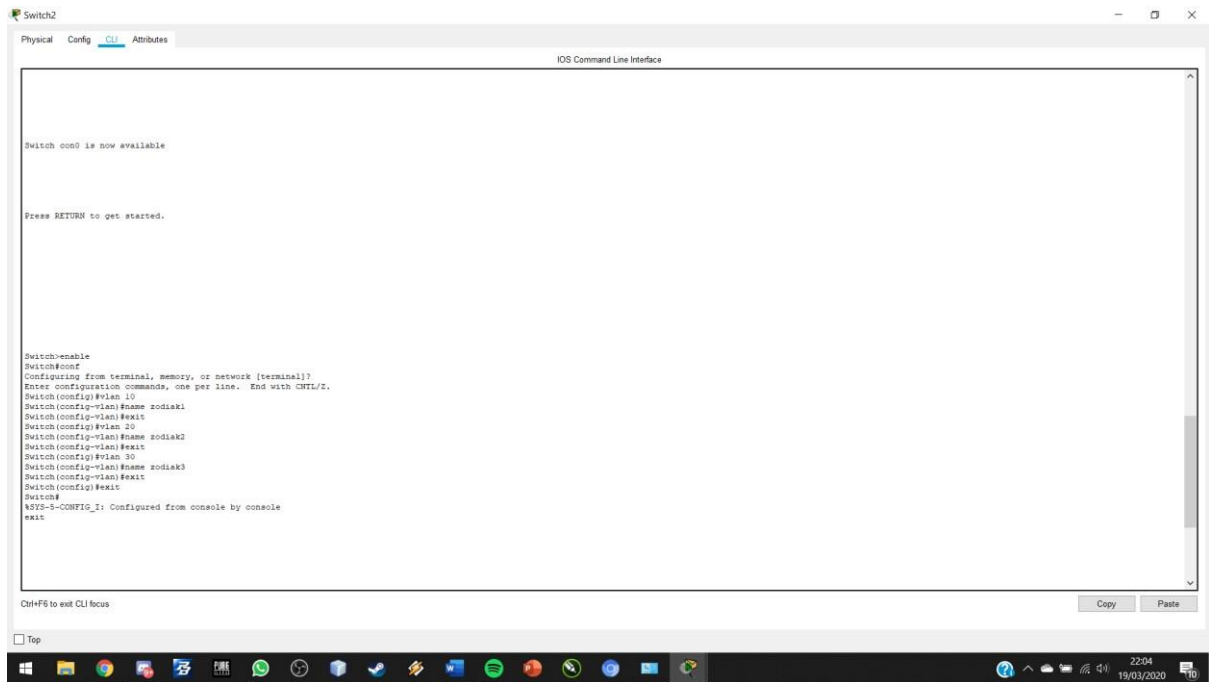
j)



Tugas 10A :

Semua port yang terhubung per-PC masih default.

k)



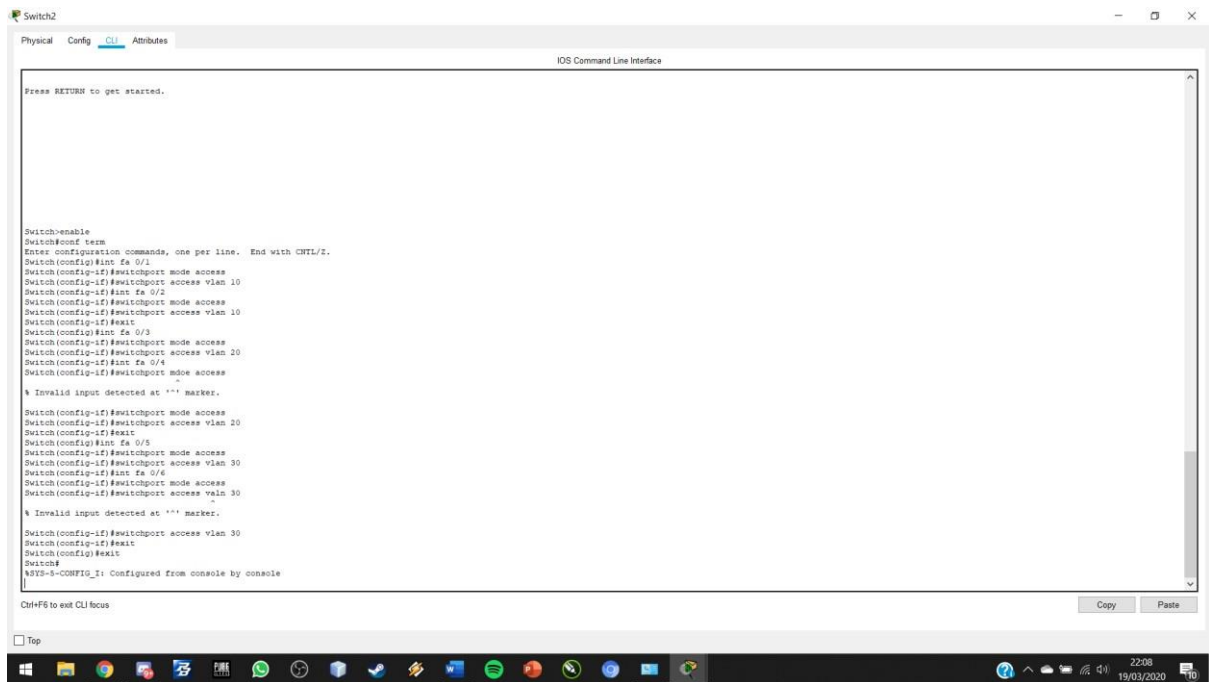
```
Switch2
Physical Config CLI Attributes
IOS Command Line Interface

Switch2 con0 is now available.

Press RETURN to get started.

Switch#enable
Switch#conf
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 10
Switch(config-vlan)#name zodiak1
Switch(config-vlan)#exit
Switch(config)#vlan 20
Switch(config-vlan)#name zodiak2
Switch(config-vlan)#exit
Switch(config)#vlan 30
Switch(config-vlan)#name zodiak3
Switch(config-vlan)#exit
Switch(config)#exit
Switch#
Switch2-SW-CONFIG-1: Configured from console by console
exit

Ctrl+F6 to exit CLI focus
```



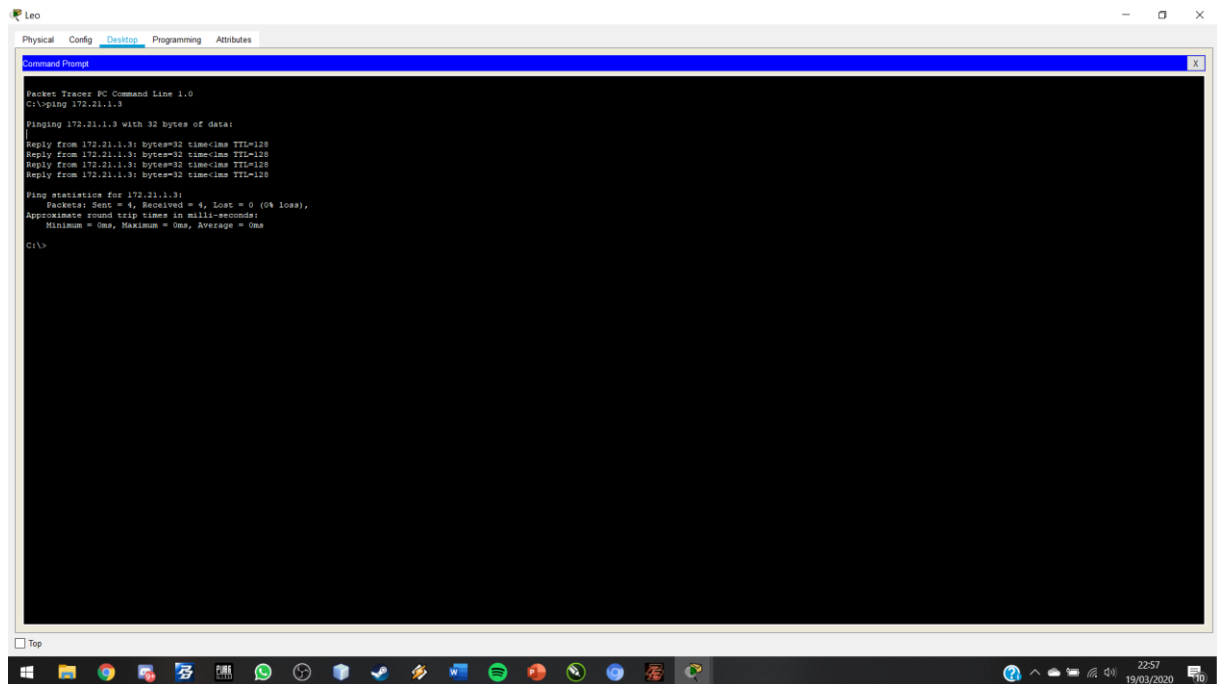
```
Switch2
Physical Config CLI Attributes
IOS Command Line Interface

Press RETURN to get started.

Switch#enable
Switch#conf term
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#int fa 0/1
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#exit
Switch(config)#int fa 0/2
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#exit
Switch(config)#int fa 0/3
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 20
Switch(config-if)#exit
Switch(config)#int fa 0/4
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 30
Switch(config-if)#exit
Switch(config)#exit
Switch#
Switch2-SW-CONFIG-1: Configured from console by console
|

Ctrl+F6 to exit CLI focus
```

l)



The screenshot shows a Packet Tracer Command Prompt window for PC Leo. The window title is "Command Prompt" and it has tabs for Physical, Config, Desktop, Programming, and Attributes. The Desktop tab is active. 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=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
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 = 0ms, Average = 0ms

C:\>
```

The Windows taskbar at the bottom shows the date and time as 19/03/2020, 22:57.

Tugas 12A :

Dari beberapa percobaan diatas, dapat disimpulkan apabila PC berada pada Vlan yang sama, maka akan menghasilkan balasan dari ip tujuan pada saat melakukan ping, tetapi jika berbeda Vlan maka akan RTO. Dan yang di reply oleh IP tujuan hanya PC Leo ke PC Aquarius