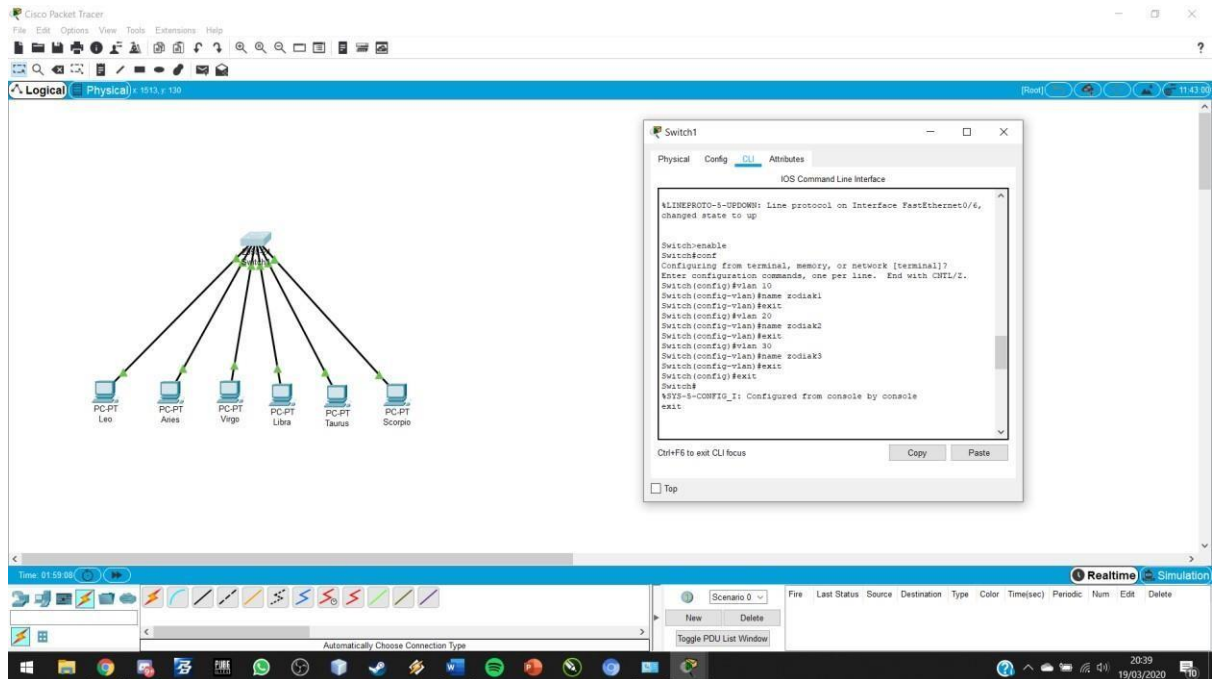


Nama : Chandika Aulia
NIM : L200180097
Kelas : C

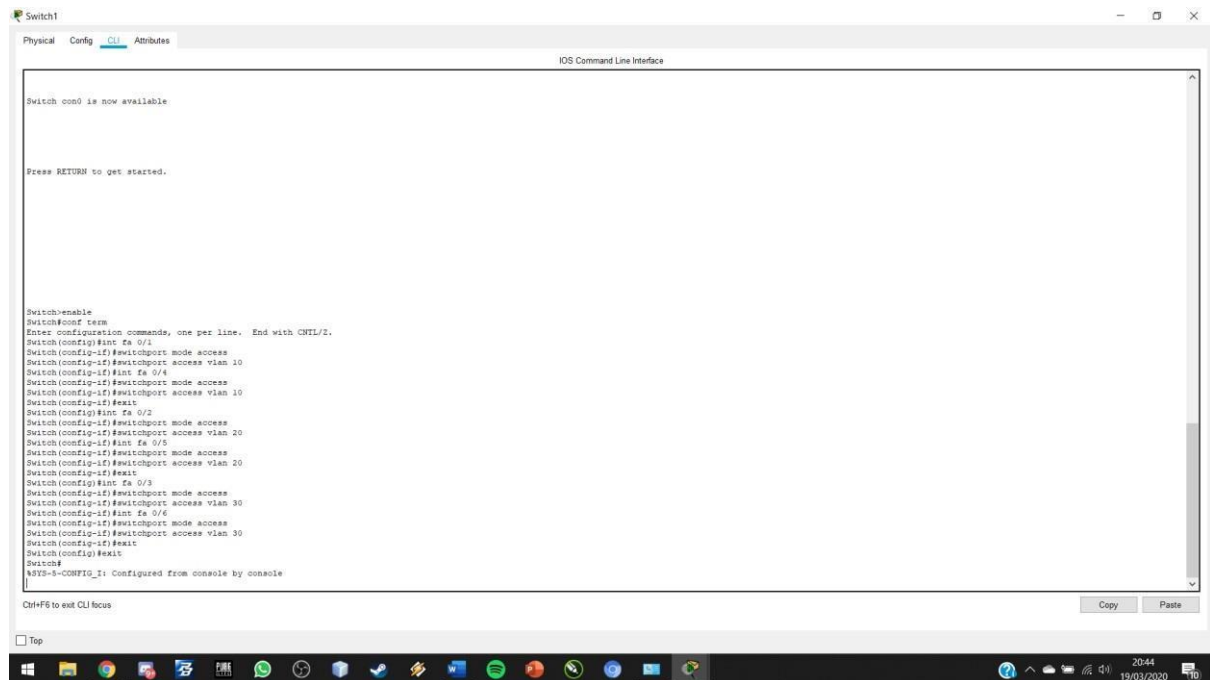
Modul 4.

KEGIATAN 1.

d)



e)



```
Switch1
Physical Config CLI Attributes

IOS Command Line Interface

Switch(config)#exit
Switch#
AT&V>I-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   zodiac1                active    Fa0/1, Fa0/4
20   zodiac2                active    Fa0/2, Fa0/5
30   zodiac3                active    Fa0/3, Fa0/6
1002 fdiot-default         active
1003 totem-ring-default   active
1004 fdiotnt-default       active
1005 tnet-default         active
Switch#show vlan id 10

VLAN Name                Status    Ports
-----
10   zodiac1                active    Fa0/1, Fa0/4

VLAN Type SAID           MTU   Parent RingNo BridgeNo Stp  BrgMode Transl Trans2
-----
10   enet 100010          1500   -    -    -    -    -    0      0

Switch#show vlan id 20

VLAN Name                Status    Ports
-----
20   zodiac2                active    Fa0/2, Fa0/5

VLAN Type SAID           MTU   Parent RingNo BridgeNo Stp  BrgMode Transl Trans2
-----
20   enet 100020          1500   -    -    -    -    -    0      0

Switch#show vlan id 30

VLAN Name                Status    Ports
-----
30   zodiac3                active    Fa0/3, Fa0/6

VLAN Type SAID           MTU   Parent RingNo BridgeNo Stp  BrgMode Transl Trans2
-----
30   enet 100030          1500   -    -    -    -    -    0      0


Switch#

Ctrl-F8 to exit CLI focus

Copy Paste
```

KEGIATAN 2.

f)



```
Switch con0 is now available

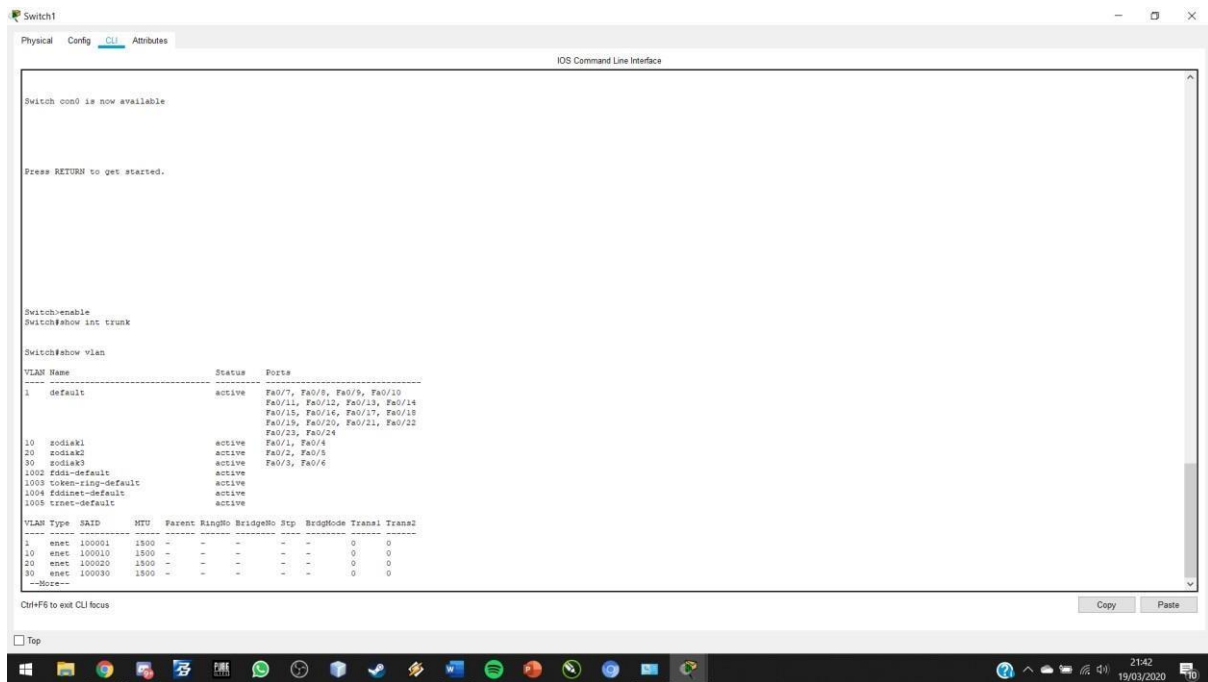
Press RETURN to get started.

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
Switch(config)#
% Invalid input detected at *** marker.
Switch(config)#switch
Switch(config)#
% Invalid input detected at *** marker.
Switch(config)#exit
Switch#
SYS-3-CONFIG_I: Configured from console by console
exit

Switch con0 is now available

Ctrl+F6 to exit CLI focus
```

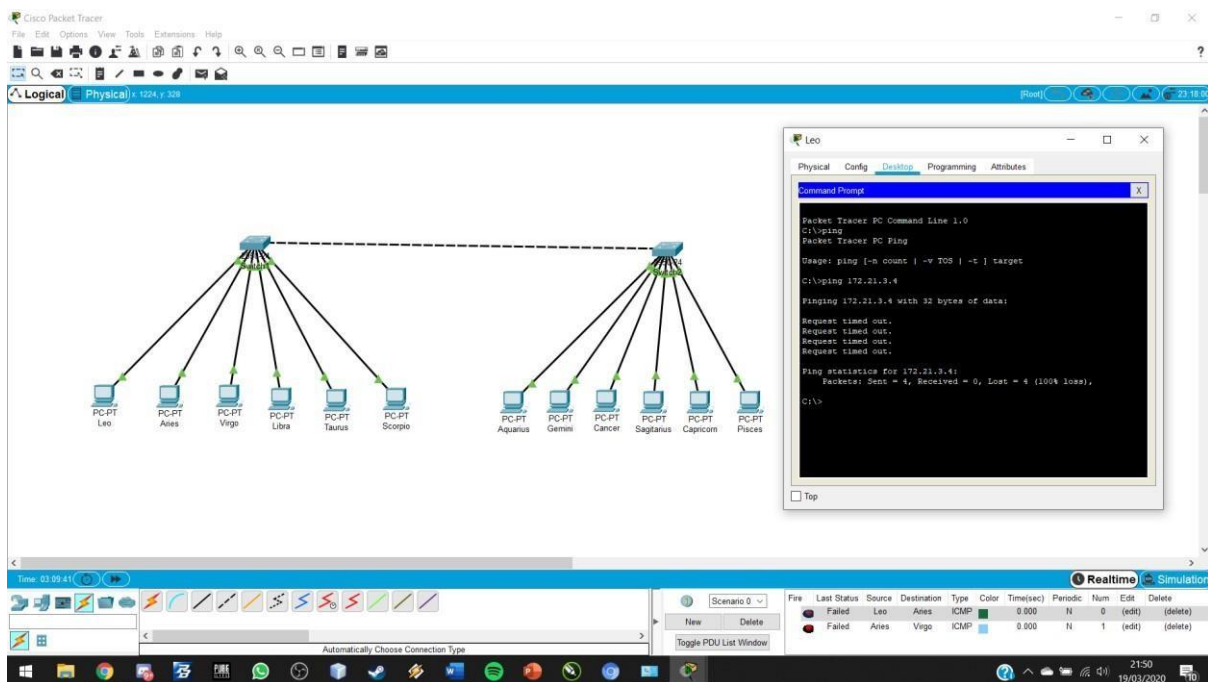
g)



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.

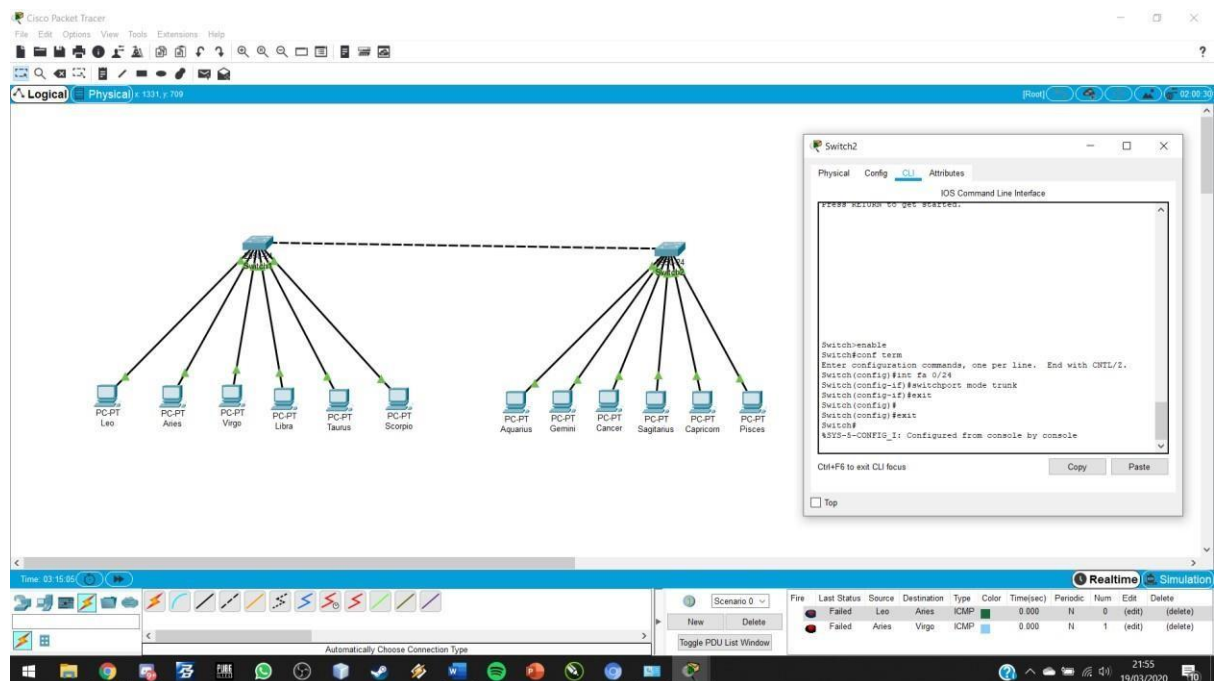
h)



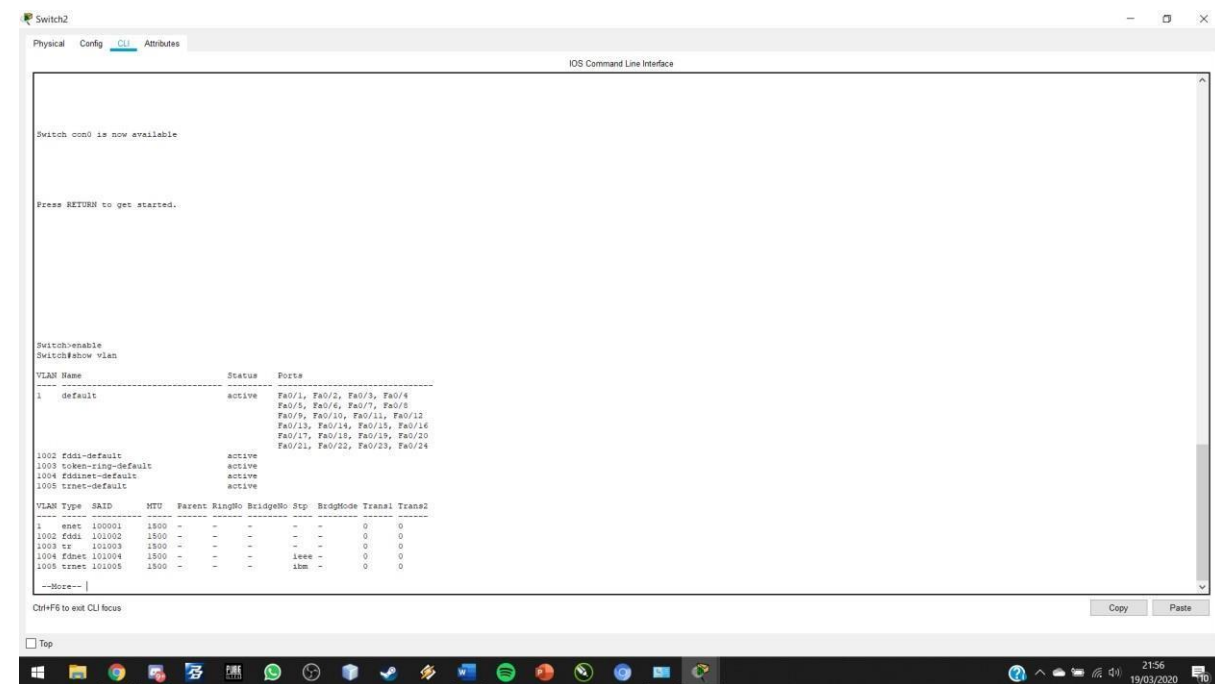
Tugas 8A :

Karena PC Leo dan PC Pisces sudah beda VLAN

i)



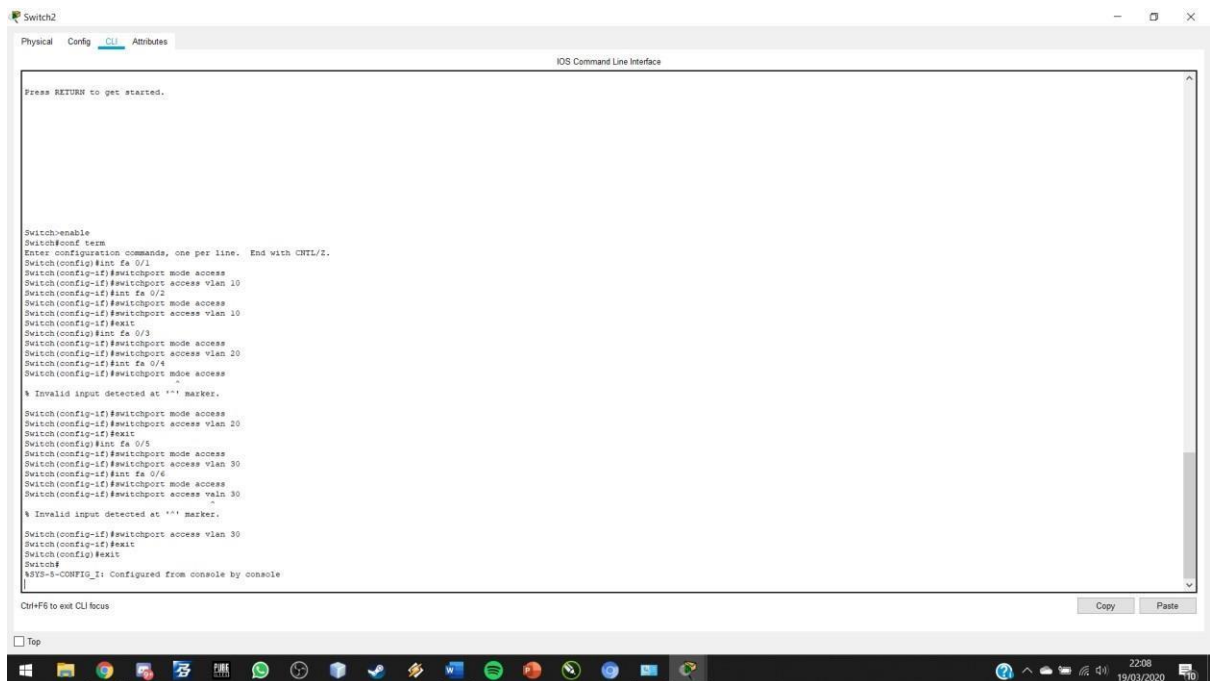
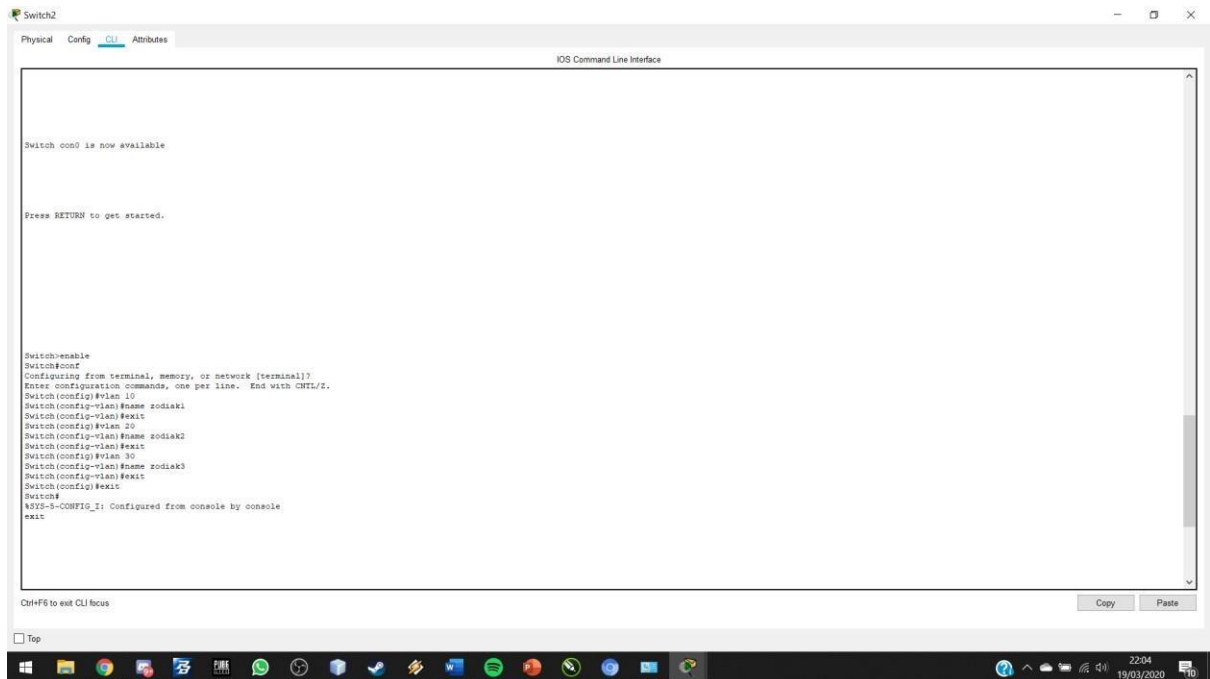
j)



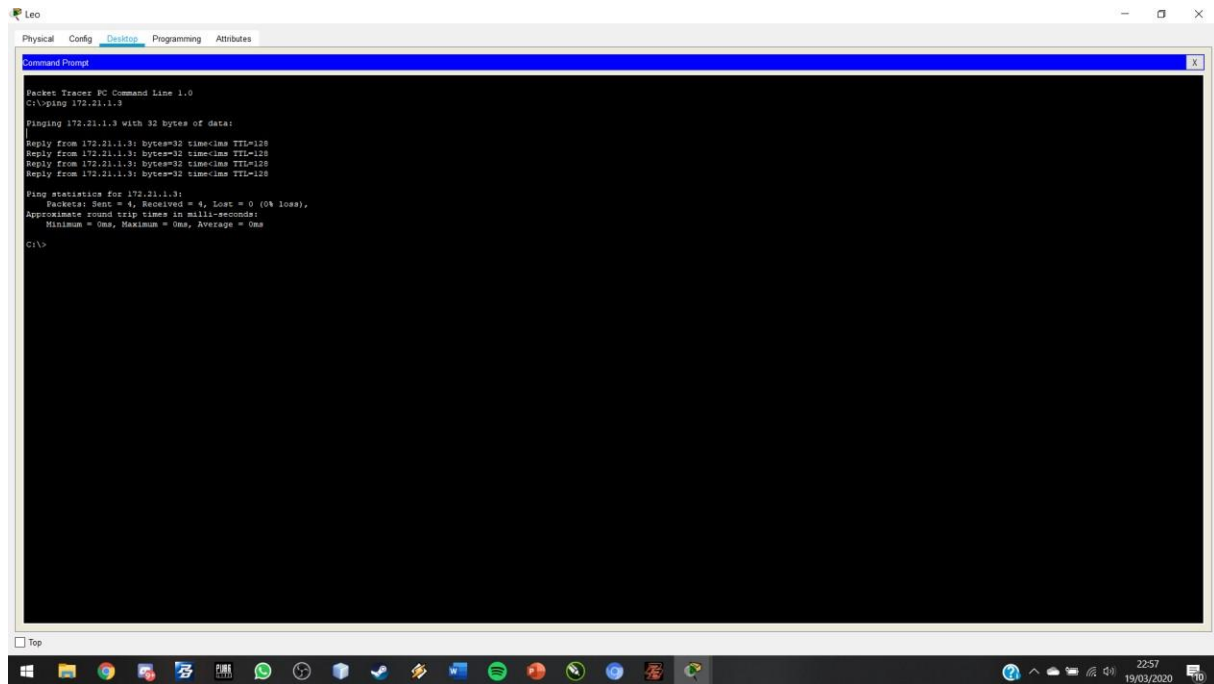
Tugas 10A :

Semua port yang terhubung per-PC masih default.

k)



l)



```
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=0ms TTL=128
Reply from 172.21.1.3: bytes=32 time=0ms TTL=128
Reply from 172.21.1.3: bytes=32 time=0ms TTL=128
Reply from 172.21.1.3: bytes=32 time=0ms TTL=128

Ping statistics for 172.21.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milliseconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
```

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