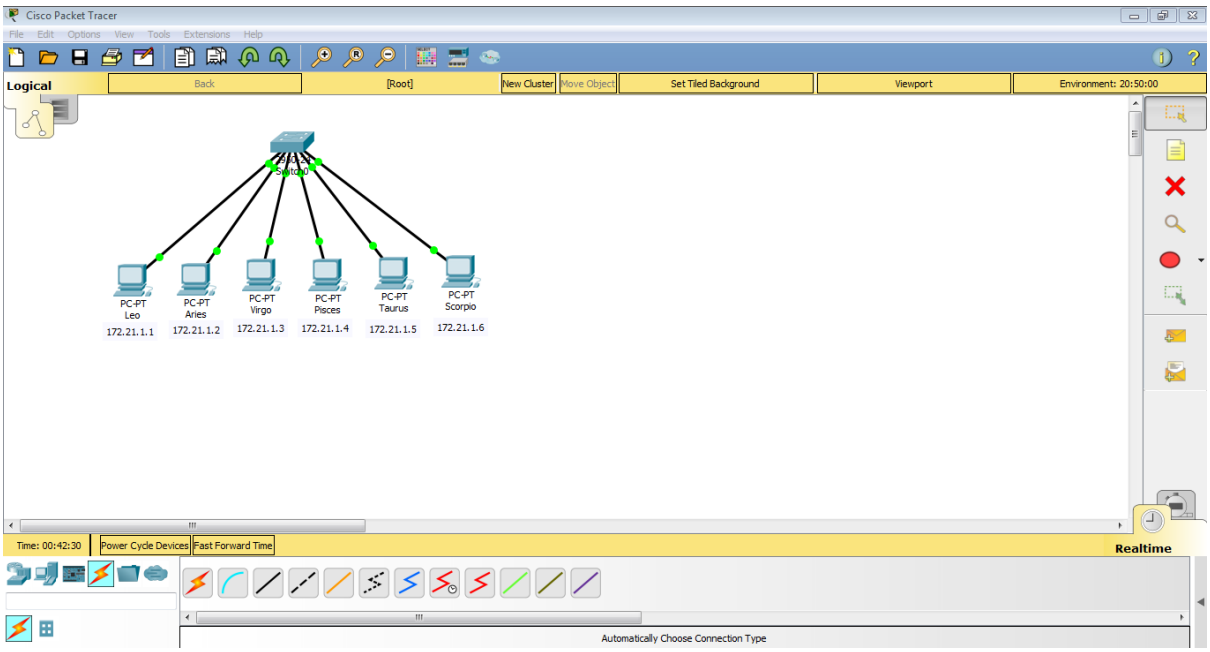
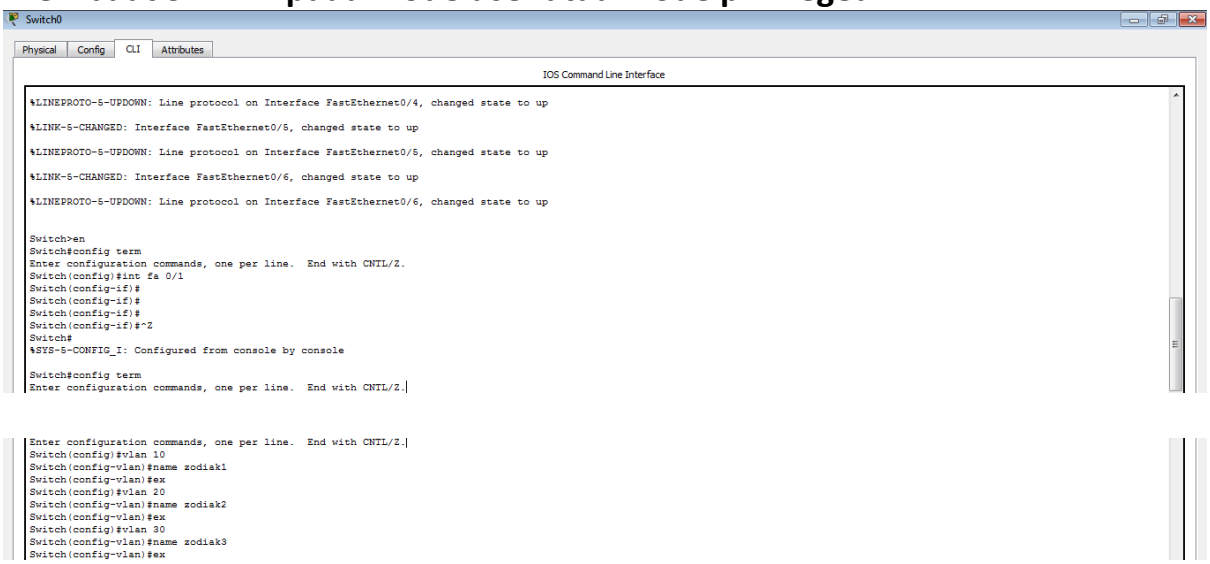
Name : Fikri Anggra Berlian
NIM : L200174090
Class : X

Modul 4

1. Kegiatan 1



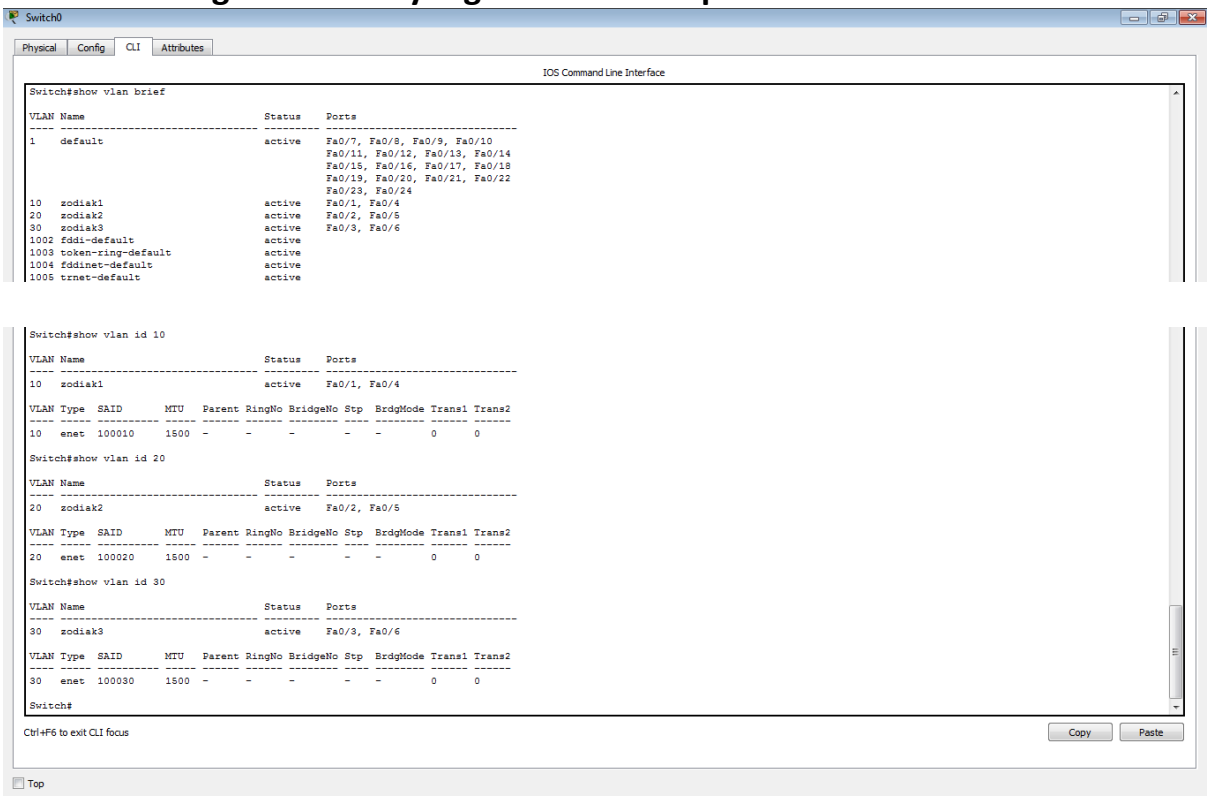
a. Membuat 3 VLAN pada mode user atau mode privileged



b. Mengkonfigurasikan port port switch ke dalam VLAN yang sudah dibuat

```
Switch(config)#int fa 0/1
Switch(config-if)#sw mode access
Switch(config-if)#sw access vlan 10
Switch(config-if)#int fa 0/4
Switch(config-if)#sw mode access
Switch(config-if)#sw access vlan 10
Switch(config-if)#int fa 0/2
Switch(config-if)#sw mode access
Switch(config-if)#sw access vlan 20
Switch(config-if)#int fa 0/5
Switch(config-if)#sw mode access
Switch(config-if)#sw access vlan 20
Switch(config-if)#int fa 0/3
Switch(config-if)#sw mode access
Switch(config-if)#sw access vlan 30
Switch(config-if)#int fa 0/6
Switch(config-if)#sw mode access
Switch(config-if)#sw access vlan 30
Switch(config-if)#end
```

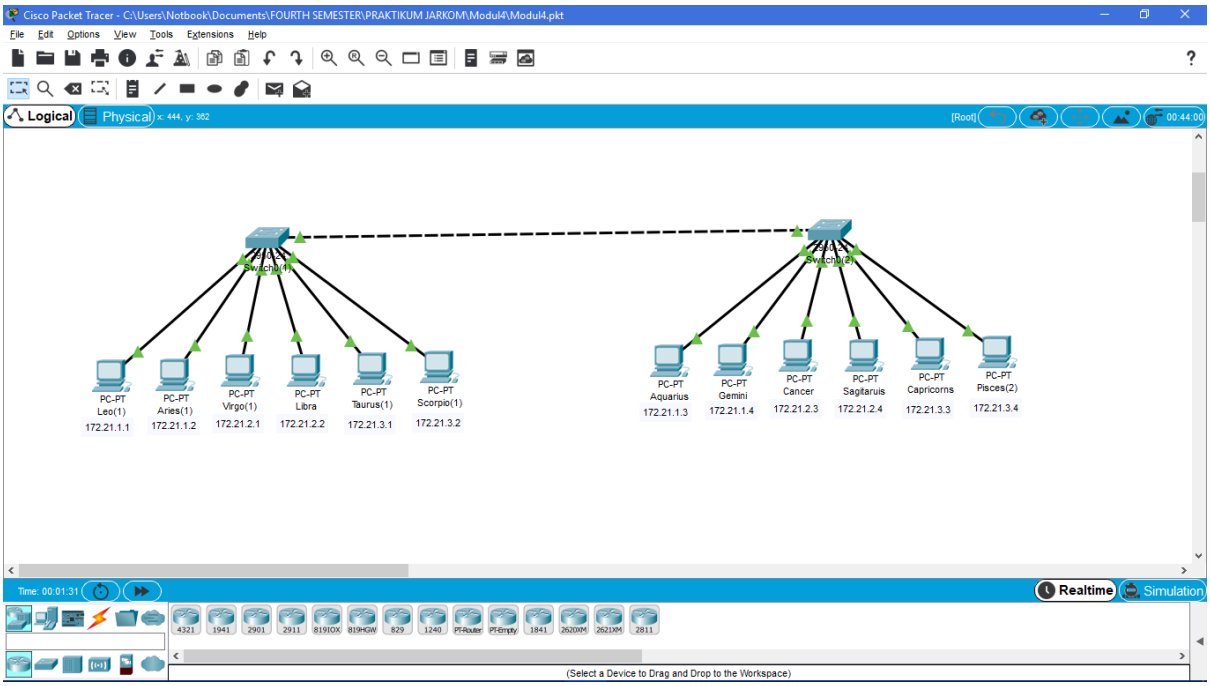
c. Melihat konfigurasi VLAN yang sudah dibuat pada mode user



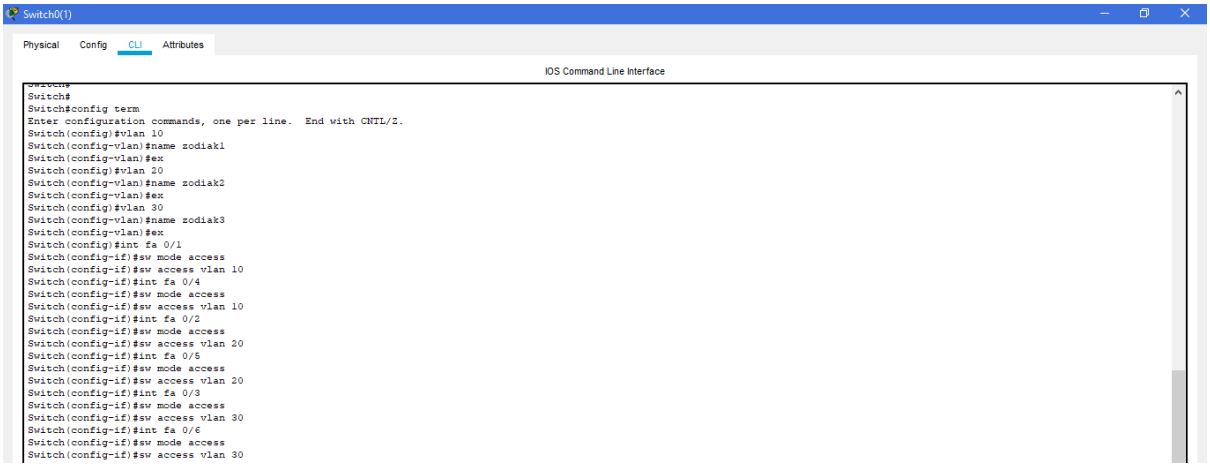
d. Tabel informasi VLAN

No.	Nomor VLAN	Nama VLAN	Port	Status
1.	10	Zodiak 1	Fa 0/1 dan Fa 0/4	Active
2.	20	Zodiak 2	Fa 0/2 dan Fa 0/5	Active
3.	30	Zodiak 3	Fa 0/3 dan Fa 0/6	Active

2. Kegiatan 2



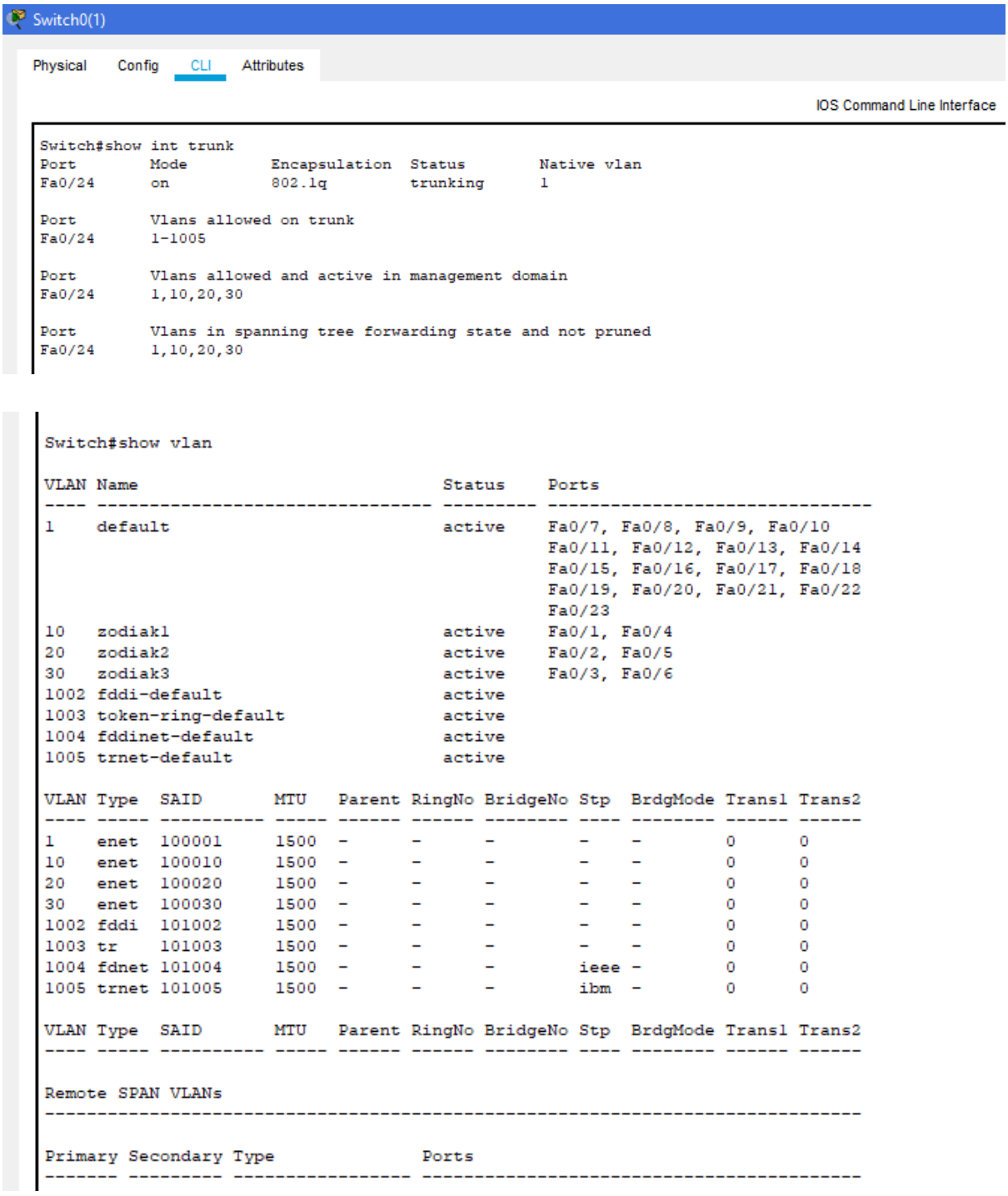
a. Membuat 3 VLAN dan mengkonfigurasikan port port switch ke dalam VLAN



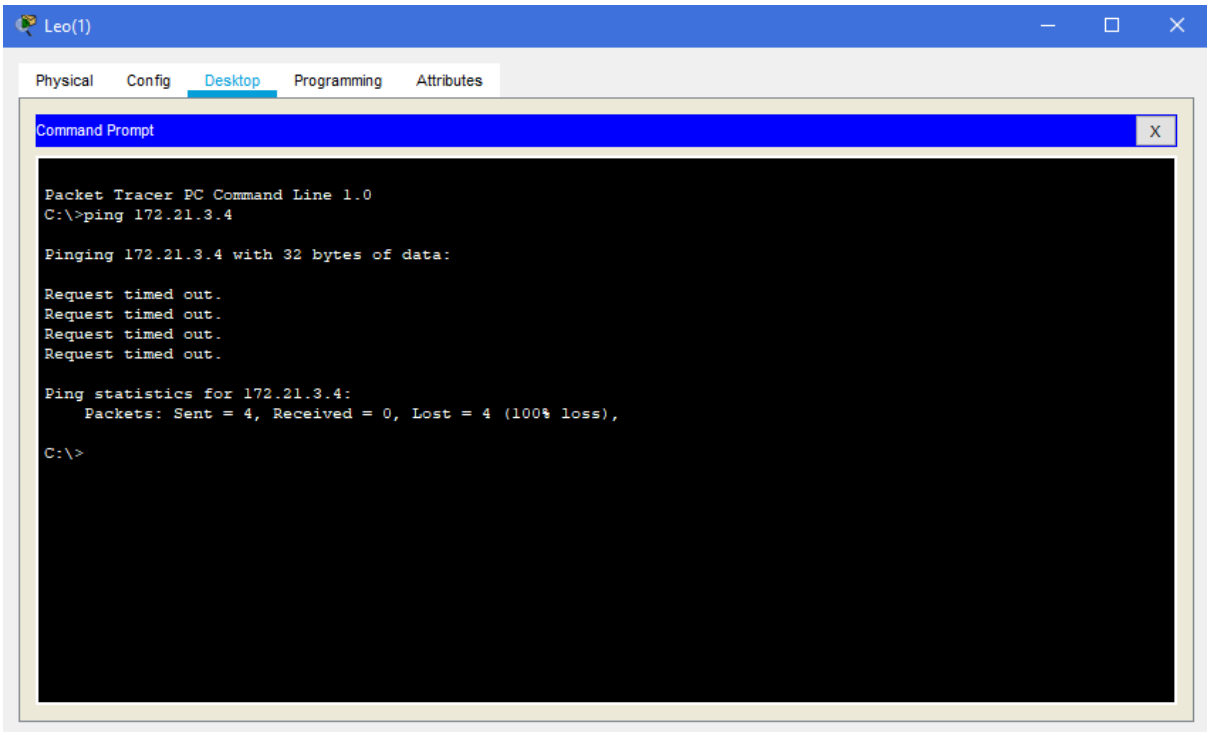
b. Konfigurasi VLAN trunking pada Switch 1

```
Switch(config-if)#int fa 0/24
Switch(config-if)#sw mode trunk
Switch(config-if)#ex
Switch(config)#end
```

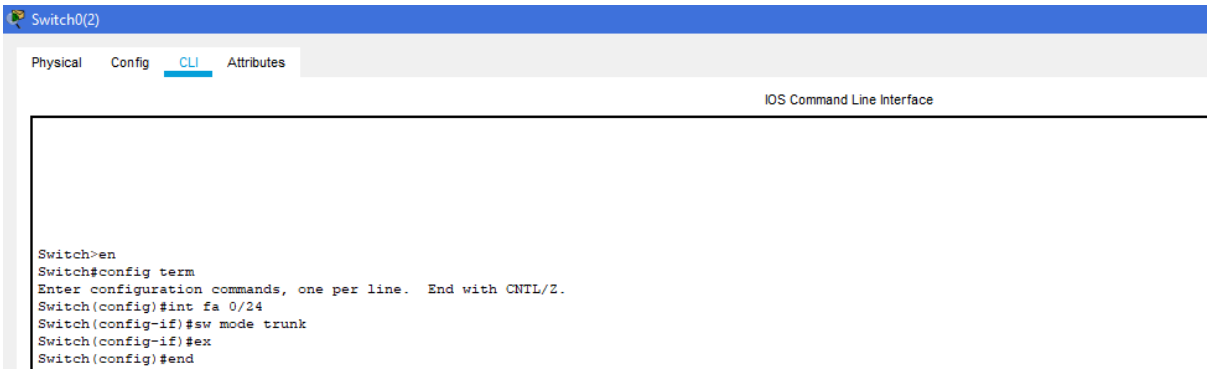
c. Melihat konfigurasi trunking yang telah dibuat



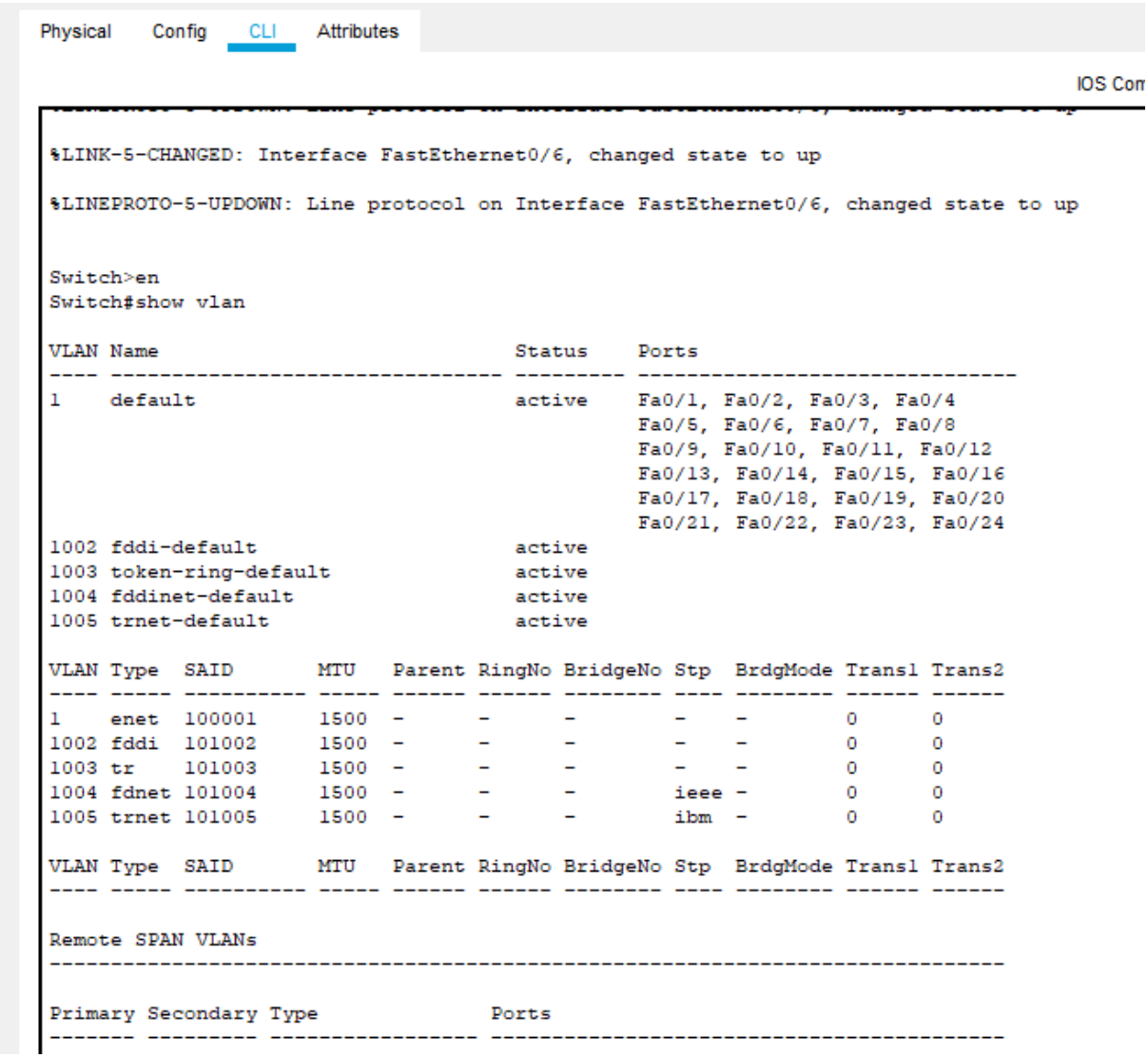
d. Melakukan ping dari PC Leo ke Pisces



e. Konfigurasi VLAN trunking pada switch 2



f. Melihat konfigurasi VLAN pada switch 2



g. Konfigurasi port port switch 2 ke dalam VLAN

```
Switch(config)#vlan 10
Switch(config-vlan)#name zodiak1
Switch(config-vlan)#ex
Switch(config)#vlan 20
Switch(config-vlan)#name zodiak2
Switch(config-vlan)#ex
Switch(config)#vlan 30
Switch(config-vlan)#name zodiak3
Switch(config-vlan)#ex
Switch(config)#int fa 0/1
Switch(config-if)#sw mode access
Switch(config-if)#sw access vlan 10
Switch(config-if)#int fa 0/2
Switch(config-if)#sw mode access
Switch(config-if)#sw access vlan 10
Switch(config-if)#int fa 0/3
Switch(config-if)#sw mode access
Switch(config-if)#sw access vlan 20
Switch(config-if)#int fa 0/4
Switch(config-if)#sw mode access
Switch(config-if)#sw access vlan 20
Switch(config-if)#int fa 0/5
Switch(config-if)#sw mode access
Switch(config-if)#sw access vlan 30
Switch(config-if)#int fa 0/6
Switch(config-if)#sw mode access
Switch(config-if)#sw access vlan 30
```

h. Melakukan ping dari PC Leo ke Aries

```
C:\>ping 172.21.1.2

Pinging 172.21.1.2 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.21.1.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

i. Melakukan ping dari PC Leo ke Aquarius

```
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=75ms 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 = 75ms, Average = 19ms
```

j. **Melakukan ping dari PC Leo ke Pisces**

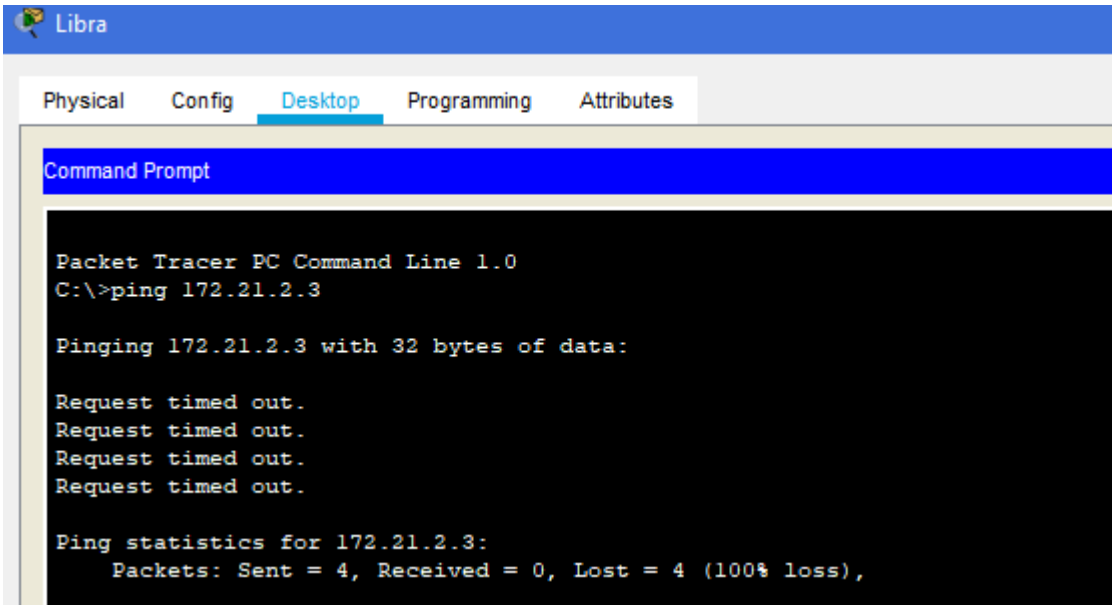
```
C:\>ping 172.21.3.4

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),
```

k. **Melakukan ping dari PC Libra ke Cancer**



l. **Melakukan ping dari PC Libra ke Leo**

```
C:\>ping 172.21.1.1

Pinging 172.21.1.1 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.21.1.1:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```