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A

MODUL 4

VIRTUAL LAN DAN TRUNKING

Tugas 6A

Capture masing-masing tampilan informasi vlan dan isi tabel

berikut. Jawab:

No.	Variabel	Nilai
1.	Nomor VLAN	10
2.	Nama VLAN	zodiak1
3.	Port	fa 0/1, fa 0/4
4.	Status	Active

No.	Variabel	Nilai
1.	Nomor VLAN	20
2.	Nama VLAN	zodiak2
3.	Port	fa 0/2, fa 0/5
4.	Status	Active

No.	Variabel	Nilai
1.	Nomor VLAN	30
2.	Nama VLAN	zodiak3
3.	Port	fa 0/3, fa 0/6
4.	Status	active

Tugas 6B

Jelaskan secara singkat hasil yang anda peroleh dari tugas 6 A.

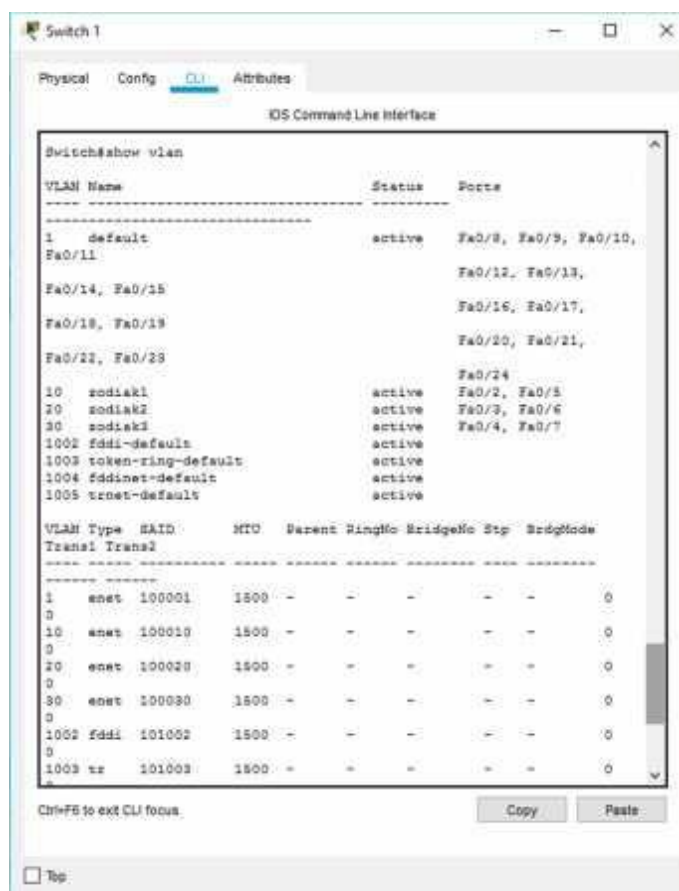
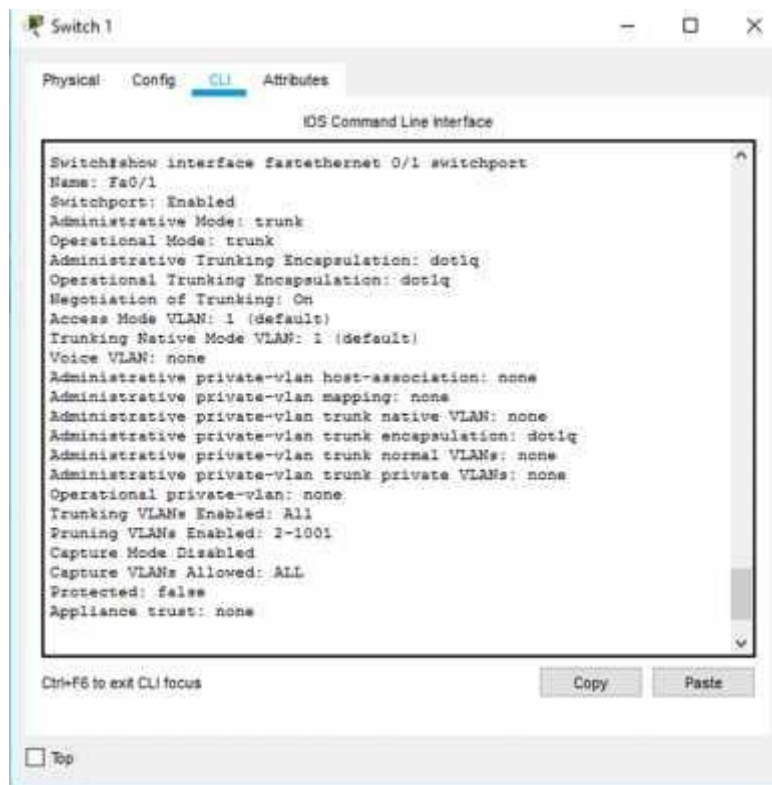
Jawab:

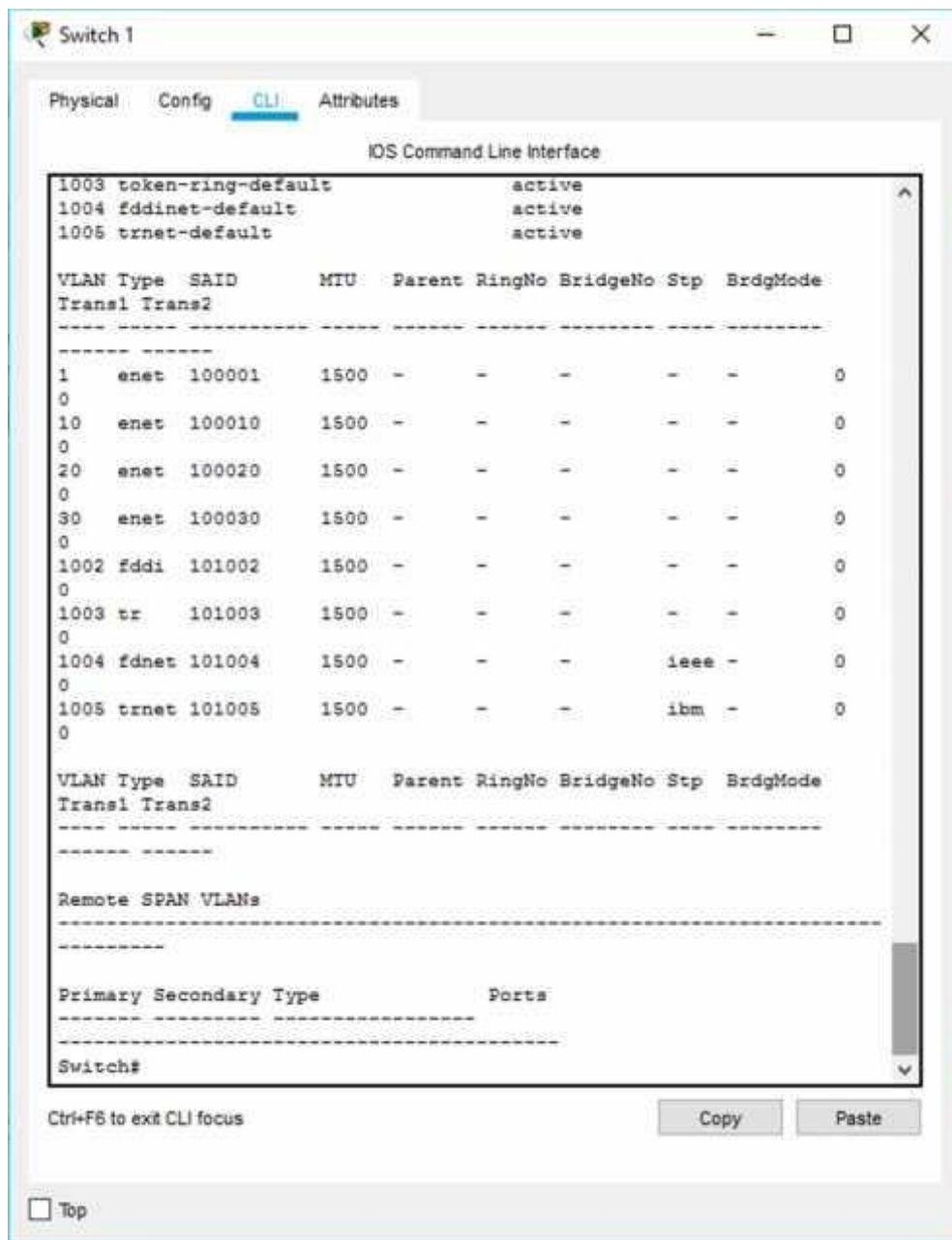
Nomor VLAN 10 dengan nama VLAN zodiak1 memiliki port fa 0/1 dan fa 0/4 status VLAN nya active.

Nomor VLAN 20 dengan nama VLAN zodiak2 memiliki port fa 0/2 dan fa 0/5 status VLAN nya active.

Nomor VLAN 30 dengan nama VLAN zodiak3 memiliki port fa 0/3 dan fa 0/6 status VLAN nya active.

Langkah 7. Melihat konfigurasi Trunking





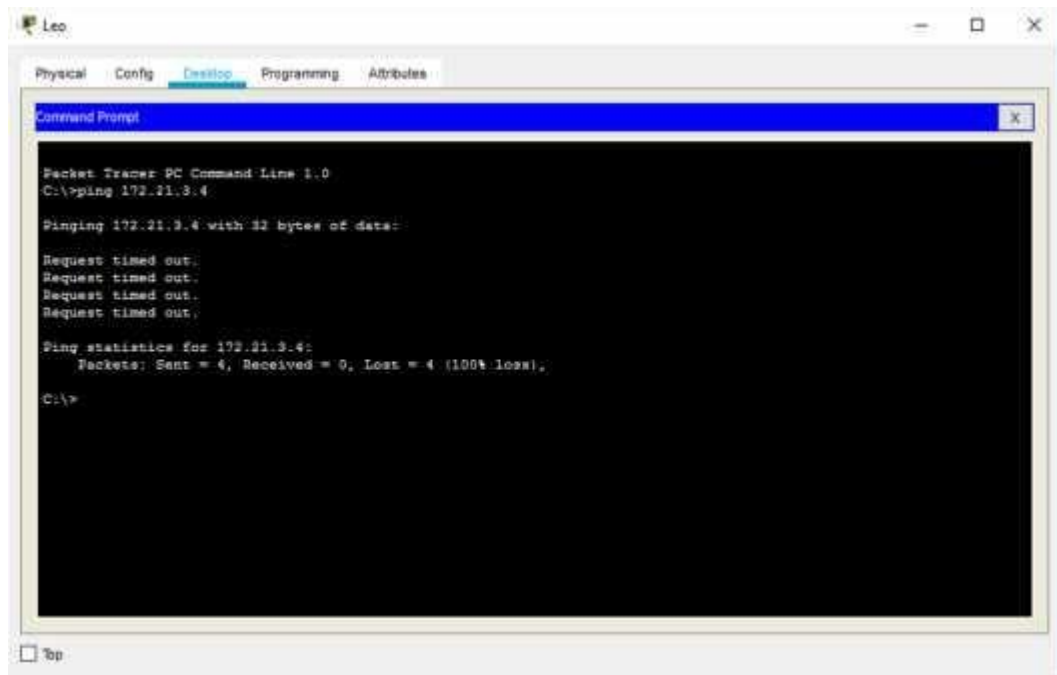
Tugas 7A

Jelaskan secara singkat hasil yang anda peroleh dari langkah 7

Jawab:

Hasil yang diperoleh dari langkah 7 berupa informasi mengenai konfigurasi trunking pada Switch 1.

Langkah 8. Ping PC Leo ke PC Pisces



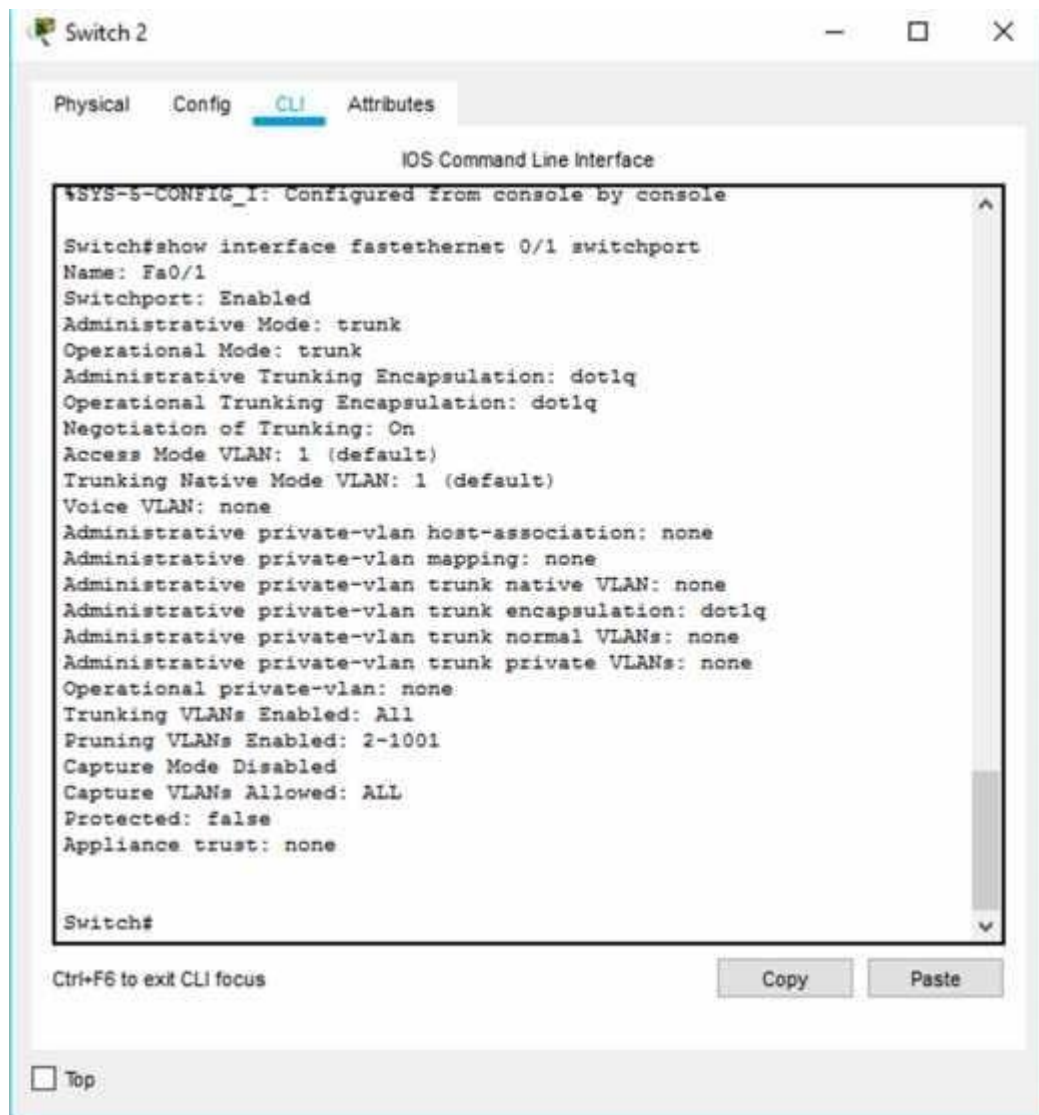
Tugas 8A

Jelaskan secara singkat mengapa hasil yang anda peroleh dari langkah 8 mendapatkan status “reply”?

Jawab:

Hasil dari ping PC Leo ke PC Pisces adalah “Request timed out” karena PC Leo dan PC Pisces tidak satu VLAN.

Langkah 10. Melihat konfigurasi VLAN pada Switch 2



Switch 2

Physical
Config
CLI
Attributes

IOS Command Line Interface

```

Switch#show vlan

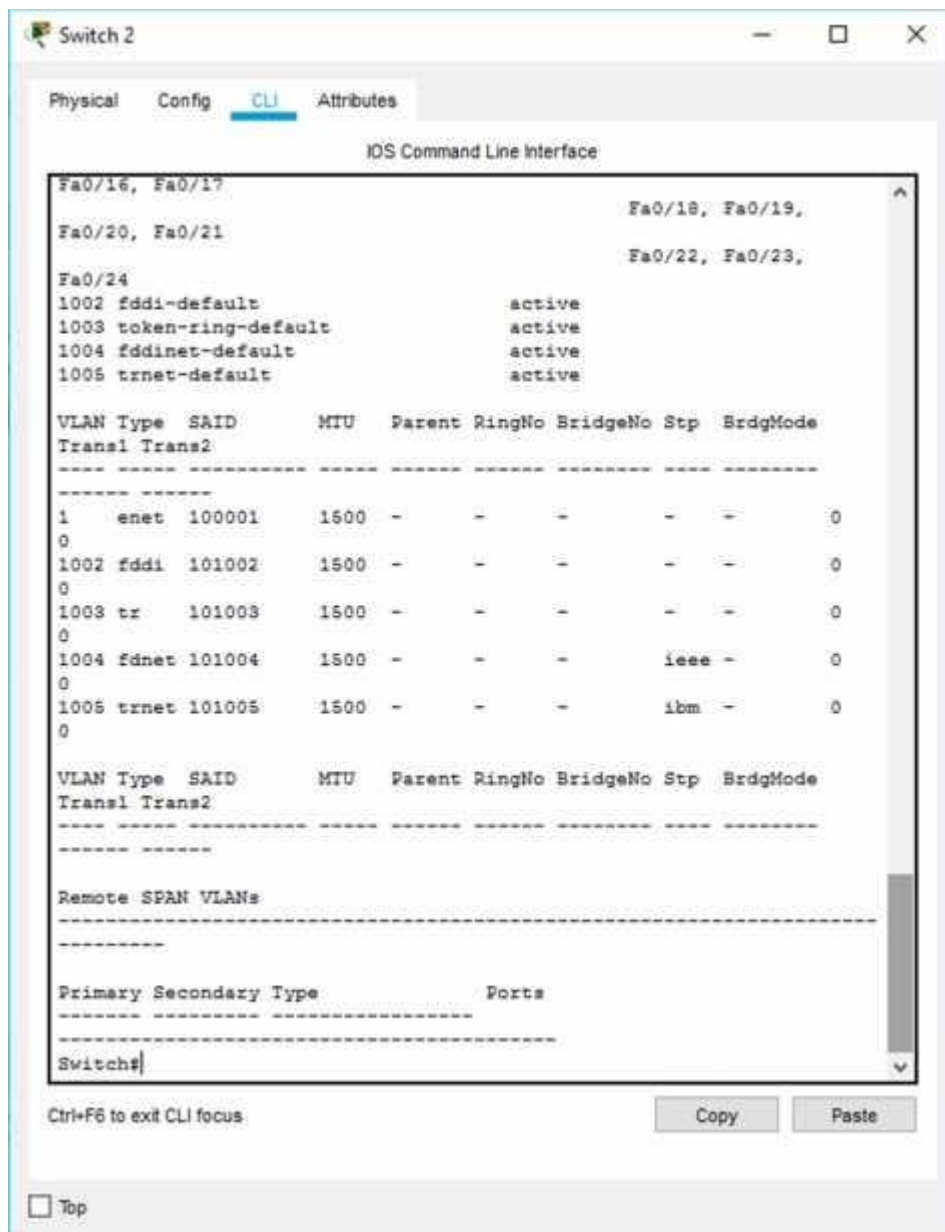
```

VLAN Name	Status	Ports
1 default	active	Fa0/2, Fa0/3, Fa0/4, Fa0/5, Fa0/6, 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
1002 fddi-default	active	
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trnet-default	active	

VLAN Type	SAID	MTU	Parent	RingNo	BridgeNo	Stp	BrdgMode
Trans1	Trans2						
1	enet	100001	1500	-	-	-	0
1002	fddi	101002	1500	-	-	-	0
1003	tr	101003	1500	-	-	-	0
1004	fdnet	101004	1500	-	-	ieee	0
1005	trnet	101005	1500	-	-	ibm	0

Ctrl+F6 to exit CLI focus
Copy
Paste

☐ Top



Tugas 10A

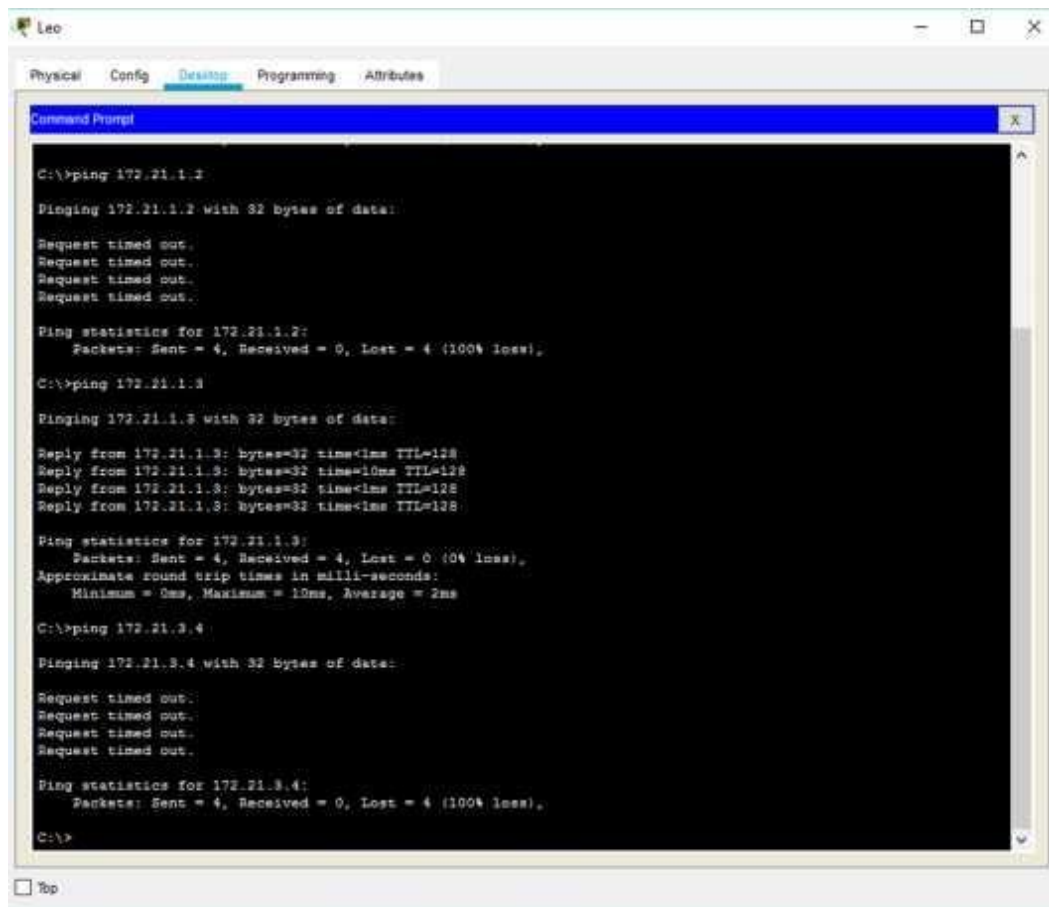
Jelaskan secara singkat hasil yang anda peroleh dari langkah 10.

Jawab:

Hasil yang diperoleh berupa informasi mengenai konfigurasi VLAN Trunking pada Switch 2.

Langkah 12

Ping PC Leo ke PC Aries, PC Leo ke PC Aquarius, PC Leo ke PC Pisces



The screenshot shows a Windows XP desktop environment. A window titled 'Leo' is open, displaying a 'Command Prompt' window. The Command Prompt shows the results of three ping commands executed from the C:\ directory. The first command is 'ping 172.21.1.2', which results in four 'Request timed out.' messages and a 100% loss of packets. The second command is 'ping 172.21.1.3', which results in four successful replies from 172.21.1.3 with a 0% loss of packets and an average round trip time of 2ms. The third command is 'ping 172.21.3.4', which results in four 'Request timed out.' messages and a 100% loss of packets. The Command Prompt window has a blue title bar and a scroll bar on the right. The desktop window has tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes', with 'Desktop' currently selected. A 'Top' button is visible at the bottom left of the desktop window.

```
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:\>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=10ms 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 = 10ms, Average = 2ms

C:\>ping 172.21.3.4

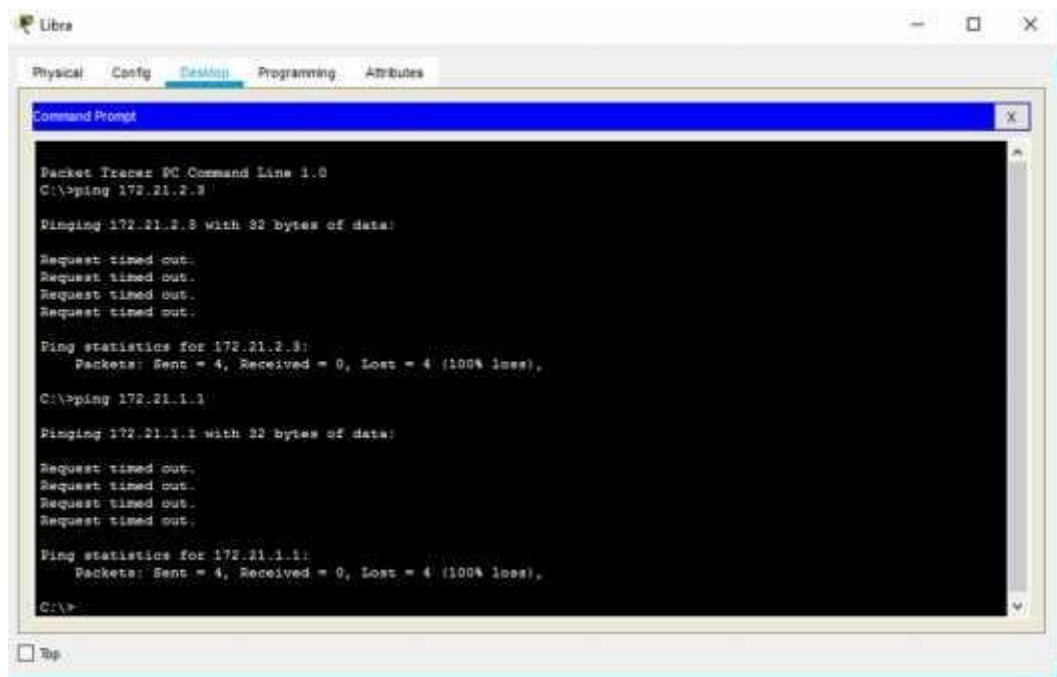
Pinging 172.21.3.4 with 32 Bytes of data:

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 PC Libra ke PC Cancer, dan ping PC Libra ke PC Leo



The screenshot shows a Packet Tracer PC Command Line window for a device named 'Libra'. The window has tabs for Physical, Config, Desktop, Programming, and Attributes. The Desktop tab is active, displaying a Command Prompt. The Command Prompt shows the following output:

```
Packet Tracer PC Command Line 1.0
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:

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),

C:\>
```

Tugas 12A

Jelaskan secara singkat hasil yang anda peroleh dari langkah

8. Jawab:

Hasil yang diperoleh dari langkah 8 adalah "Request timed out".