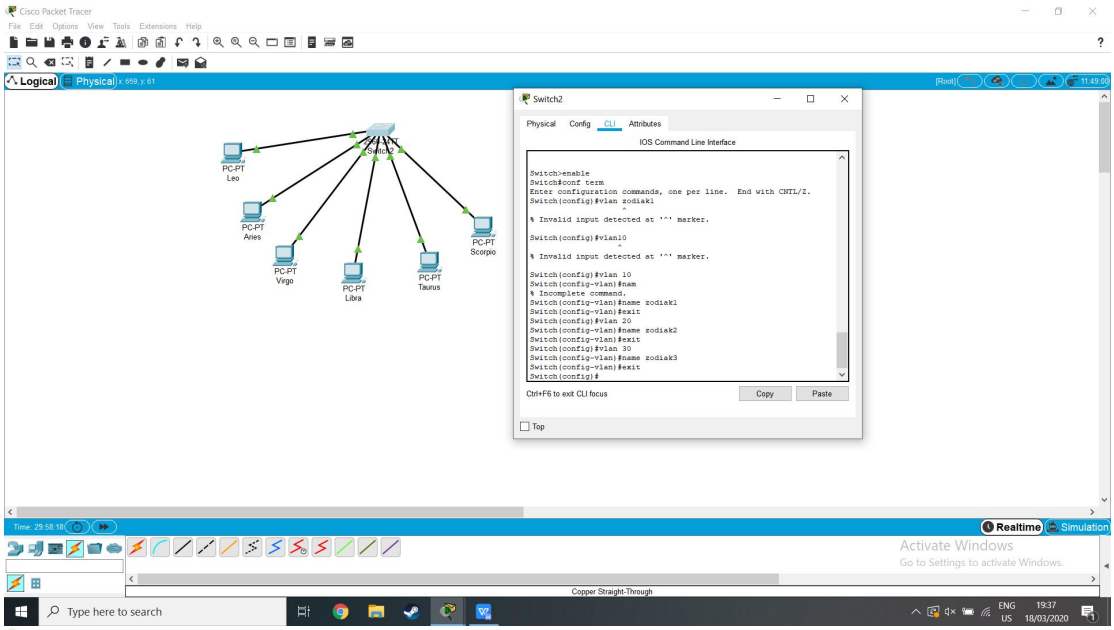
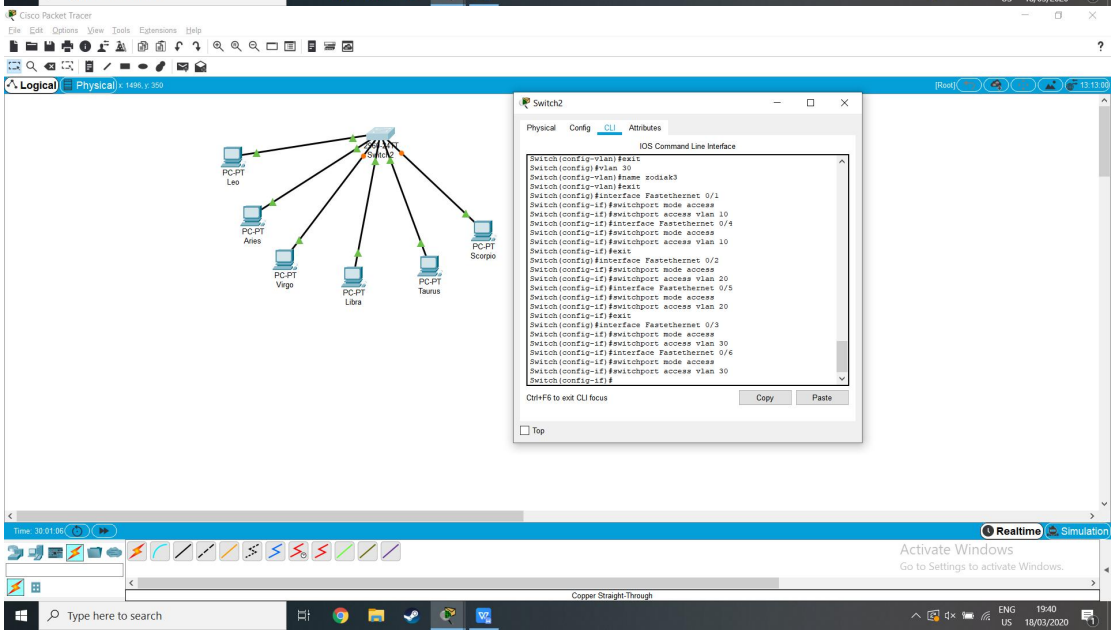
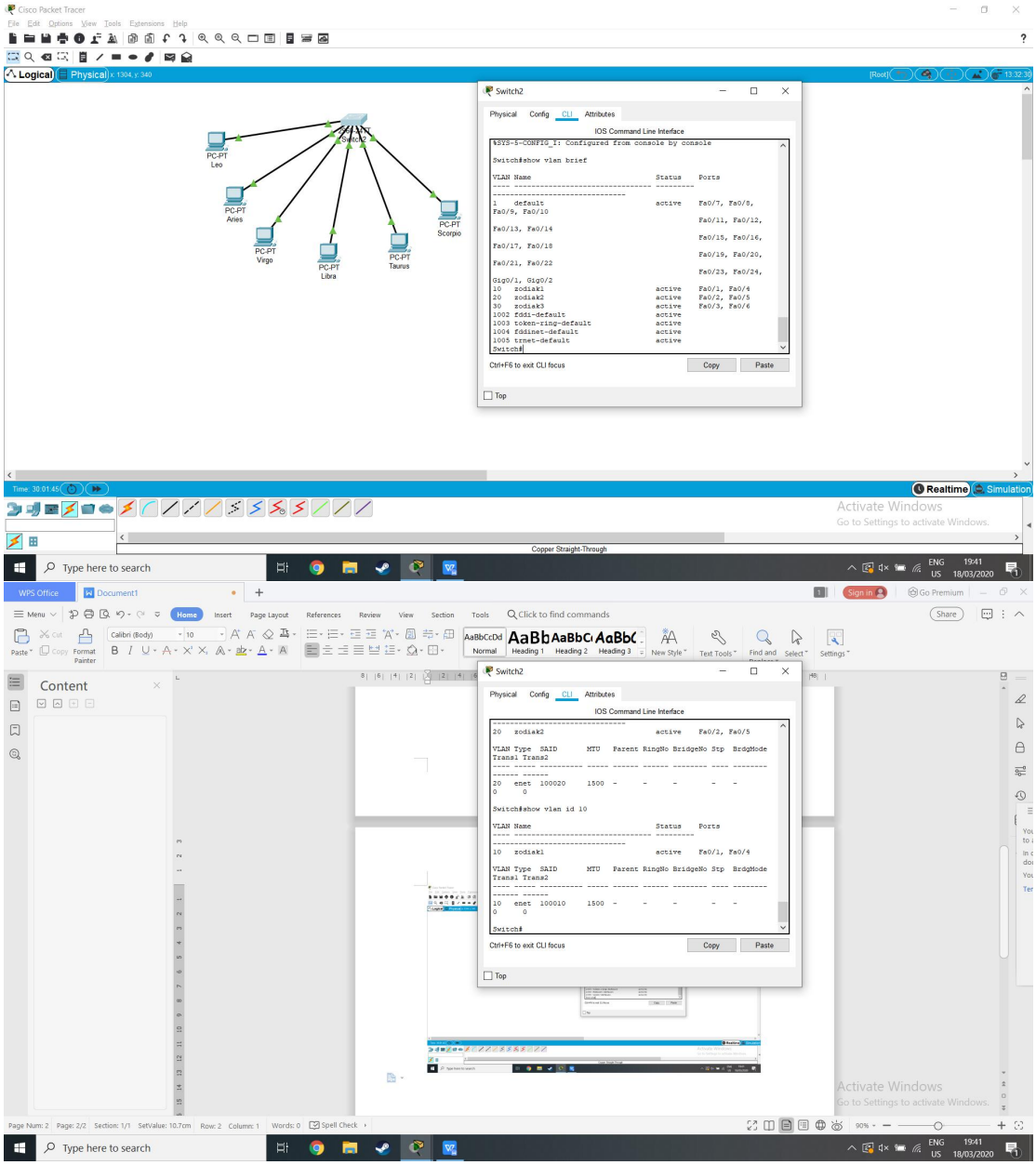
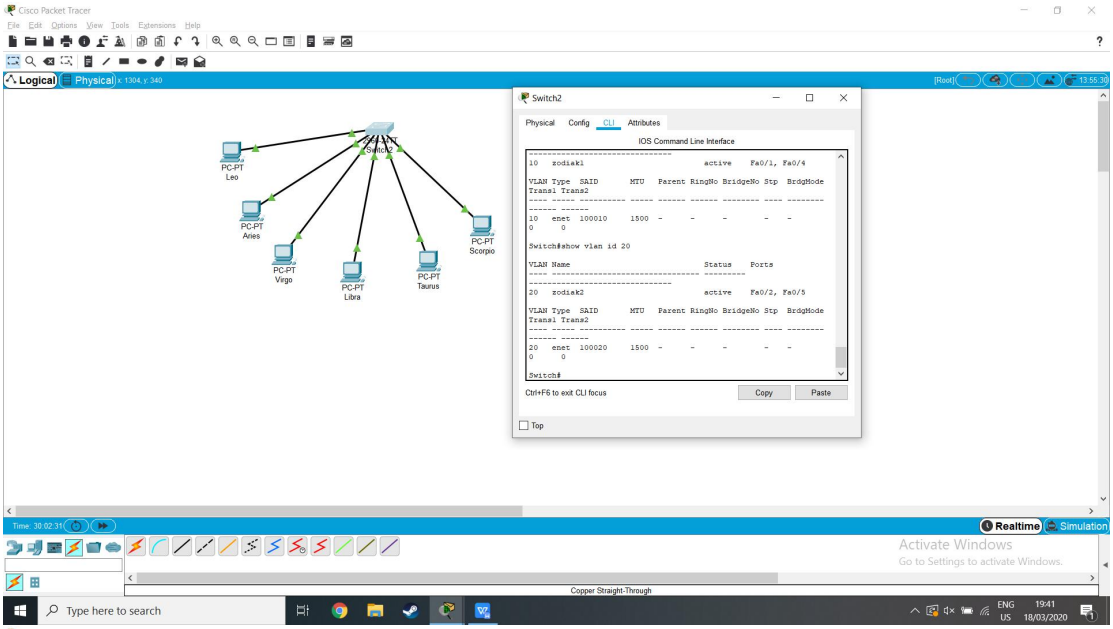
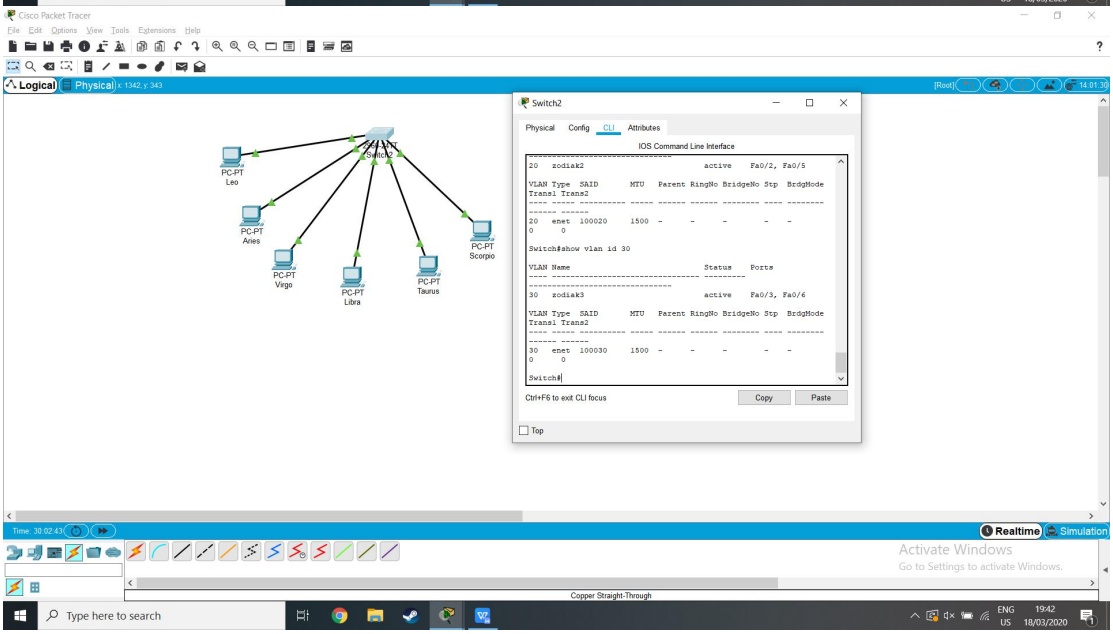
Nama : Amartya Maulana
Kelas : E
NIM : L200180196
Praktikum Jaringan Komputer






Cisco Packet Tracer
Logical
Physical
Switch2
Physical Config CLI Attributes
IOS Command Line Interface
%SYS-5-CONFIG_I: Configured from console by console
Switch#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, Gig0/1, Gig0/2
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 fddinet-default active
1005 trnet-default active
Switch#
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
PC-PT Leo
PC-PT Aries
PC-PT Virgo
PC-PT Libra
PC-PT Taurus
PC-PT Scorpio
Realtime
Simulation
Copper Straight-Through
Activate Windows
Go to Settings to activate Windows.
Type here to search
ENG US 19:41 18/03/2020
WPS Office
Document1
Content
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 Trans1 Trans2
20 enet 100020 1500 - - - - - 0 0
10 enet 100010 1500 - - - - - 0 0

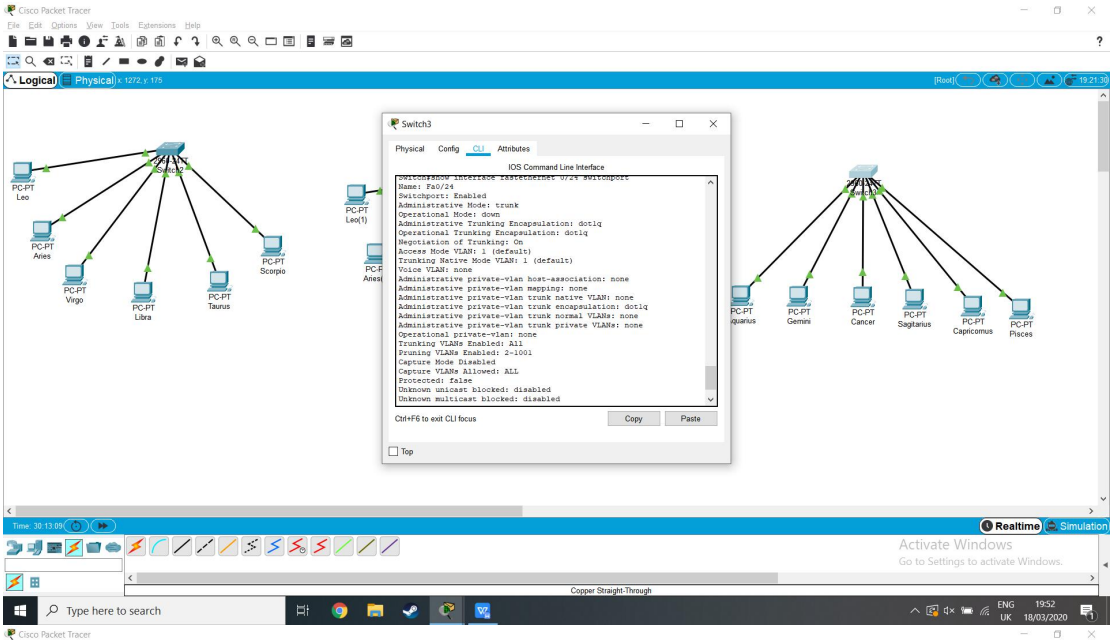


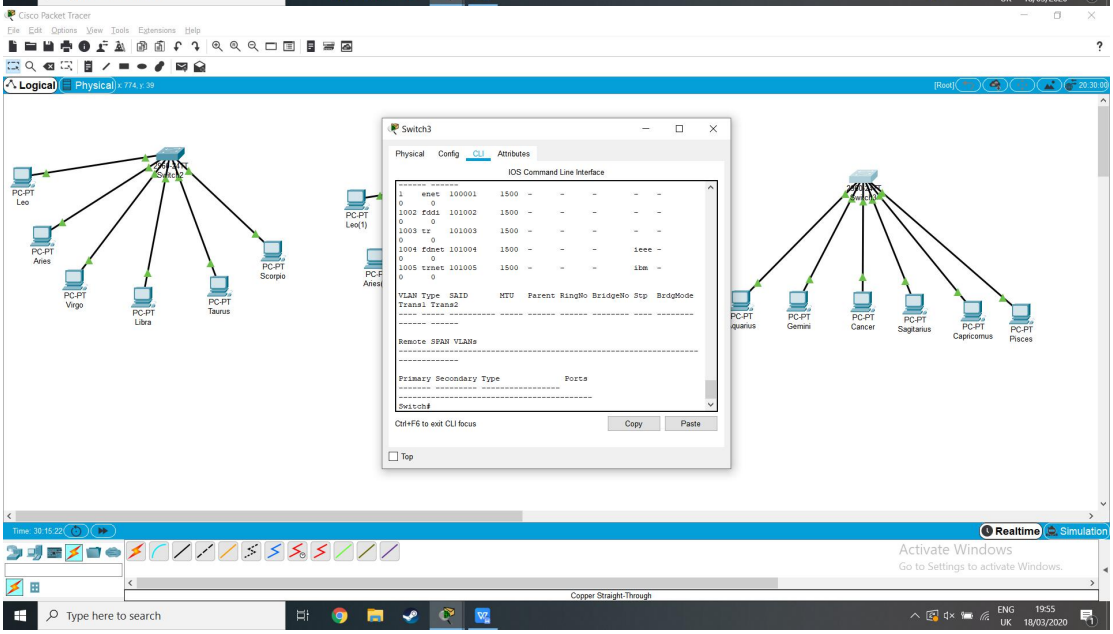


No	Variabel	Nilai
1	Nomor Vlan	10
2	Nama Vlan	Zodiak1
3	Port	0/1 dan 0/4
4	Status	active

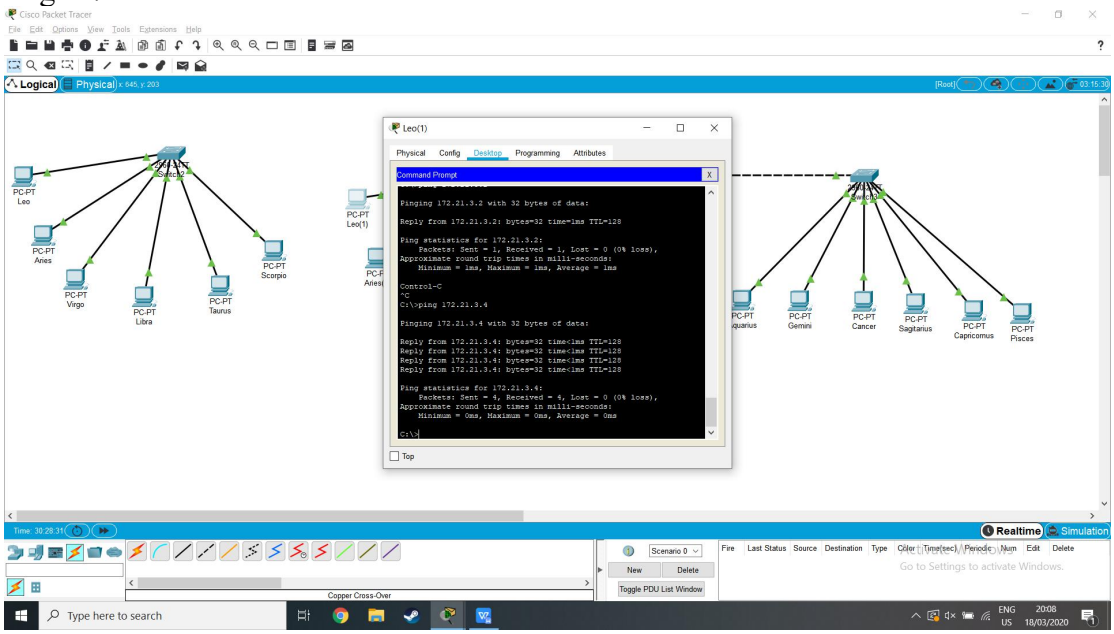
No	Variabel	Nilai
1	Nomor Vlan	20
2	Nama Vlan	Zodiak2
3	Port	0/2 dan 0/5
4	Status	active

No	Variabel	Nilai
1	Nomor Vlan	30
2	Nama Vlan	Zodiak3
3	Port	0/4 dan 0/6
4	Status	active


Cisco Packet Tracer
Switch3
Physical Config CLI Attributes
IOS Command Line Interface
Name: Fa0/24
Switchport: Enabled
Administrative Mode: trunk
Operational Mode: down
Administrative Trunking Encapsulation: dot1q
Operational Trunking Encapsulation: dot1q
Negotiation of Trunking: On
Access Mode VLAN: 1 (default)
Trunking Native Mode VLAN: 1 (default)
Voice VLAN: none
Administrative private-vlan host-association: none
Administrative private-vlan mapping: none
Administrative private-vlan trunk native VLAN: none
Administrative private-vlan trunk encapsulation: dot1q
Administrative private-vlan trunk normal VLANs: none
Administrative private-vlan trunk private VLANs: none
Operational private-vlan: none
Trunking VLANs Enabled: All
Pruning VLANs Enabled: 2-1001
Capture Mode Disabled
Capture VLANs Allowed: ALL
Protected: false
Unknown unicast blocked: disabled
Unknown multicast blocked: disabled
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
PC-PT Leo
PC-PT Aries
PC-PT Virgo
PC-PT Libra
PC-PT Taurus
PC-PT Scorpio
PC-PT Gemini
PC-PT Cancer
PC-PT Sagitarius
PC-PT Capricornus
PC-PT Pisces
Realtime
Simulation
Copper Straight-Through
Activate Windows
Type here to search
ENG
UK
19:52
18/03/2020

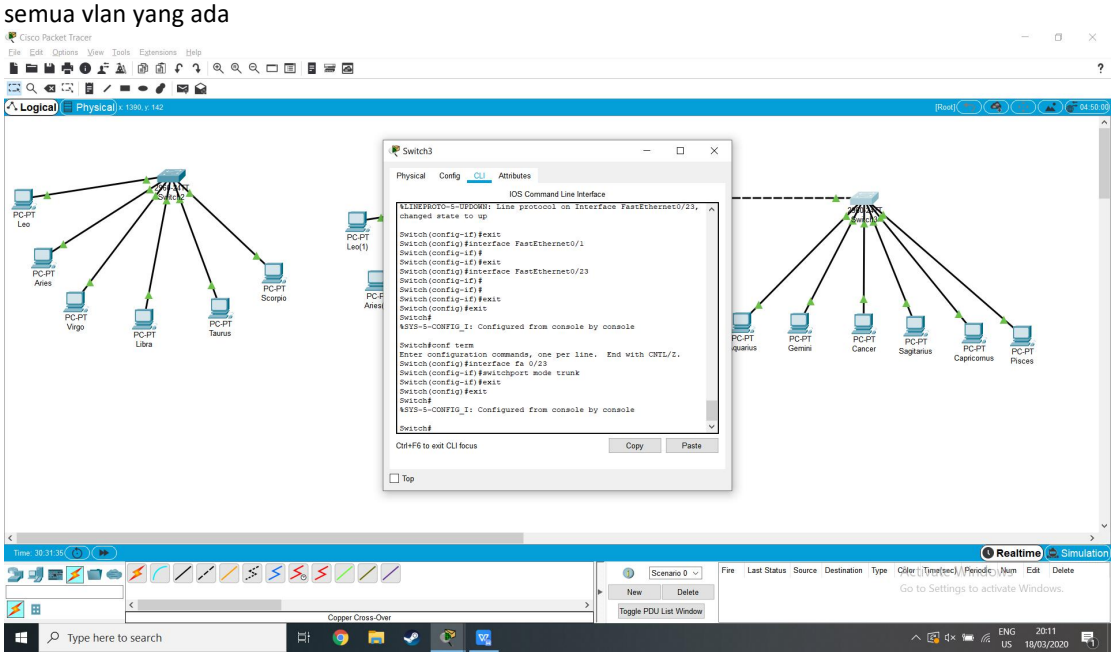

Cisco Packet Tracer
Switch3
Physical Config CLI Attributes
IOS Command Line Interface
1 enet 100001 1500 - - - - -
0 0
1002 fddi 101002 1500 - - - - -
0 0
1003 tr 101003 1500 - - - - -
0 0
1004 fdnet 101004 1500 - - - ieee -
0 0
1005 trnet 101005 1500 - - - ibm -
0 0
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode
Trans1 Trans2
Remote SPAN VLANs
Primary Secondary Type Ports
Switch#
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
PC-PT Leo
PC-PT Aries
PC-PT Virgo
PC-PT Libra
PC-PT Taurus
PC-PT Scorpio
PC-PT Gemini
PC-PT Cancer
PC-PT Sagitarius
PC-PT Capricornus
PC-PT Pisces
Realtime
Simulation
Copper Straight-Through
Activate Windows
Type here to search
ENG
UK
19:55
18/03/2020

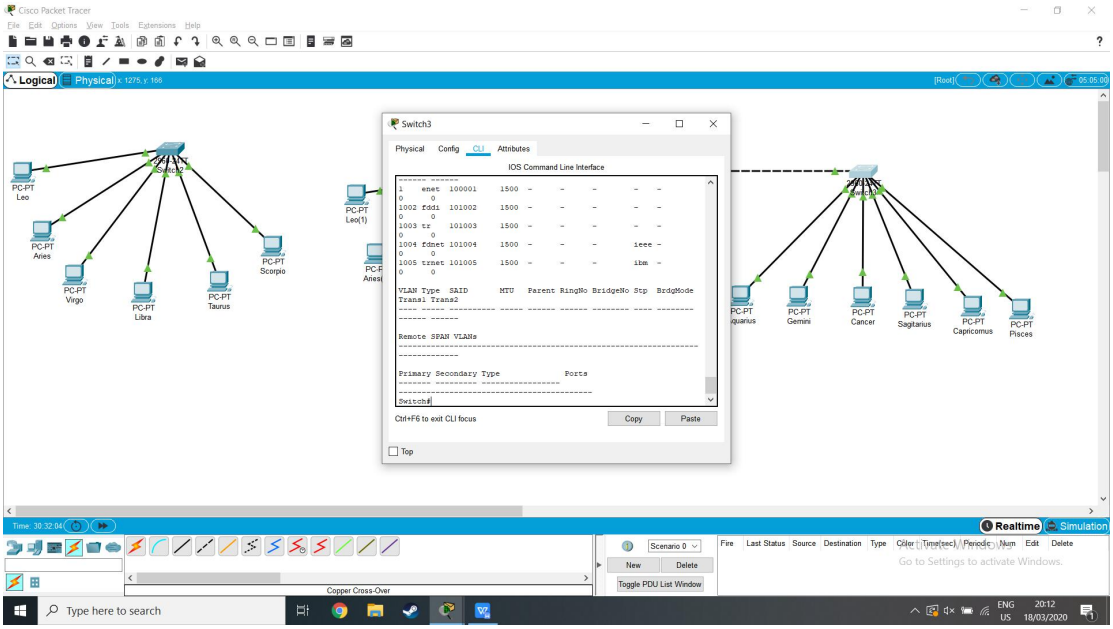
Tugas 7A:Semua vlan berhasil di aktifkan



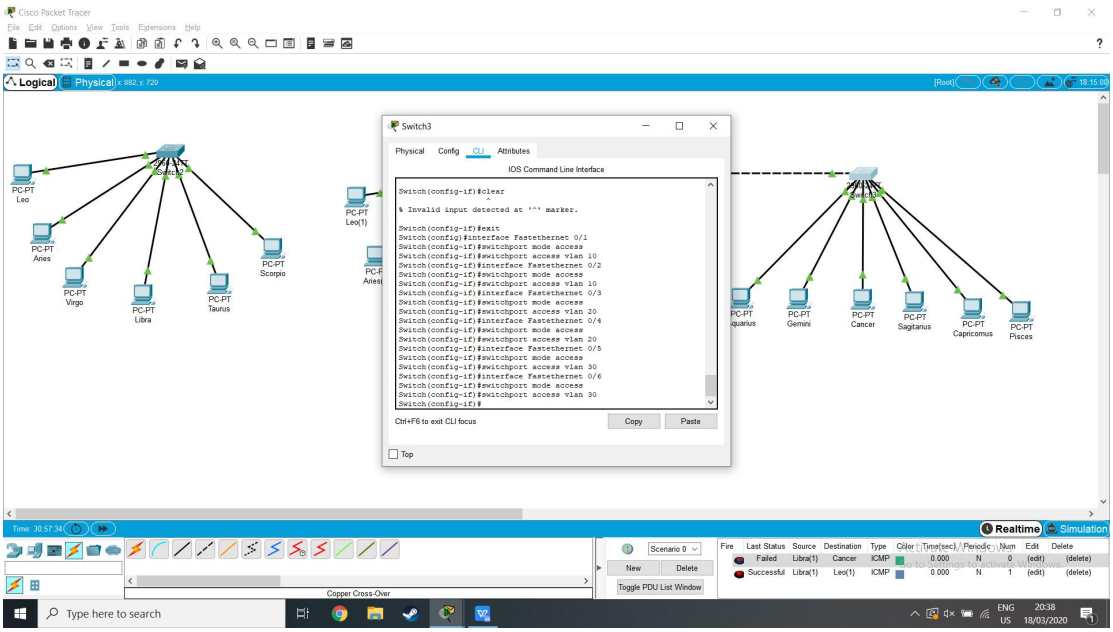
Tugas 8A:

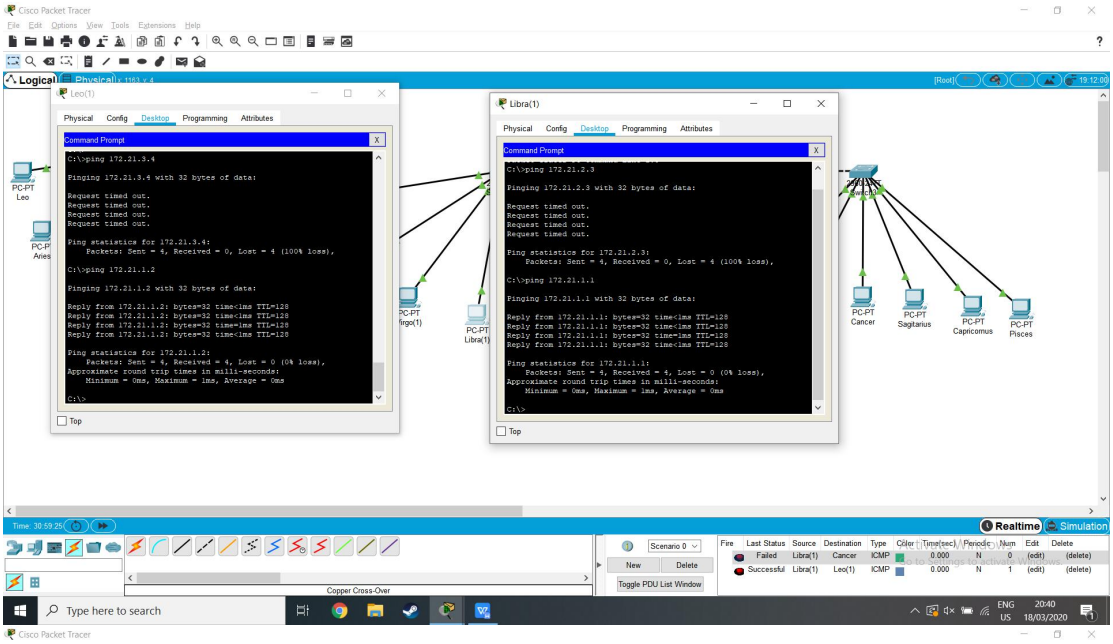
Mengapa hasil yang diperoleh adalah reply karena pada switchport mode trunk bisa menggunakan semua vlan yang ada

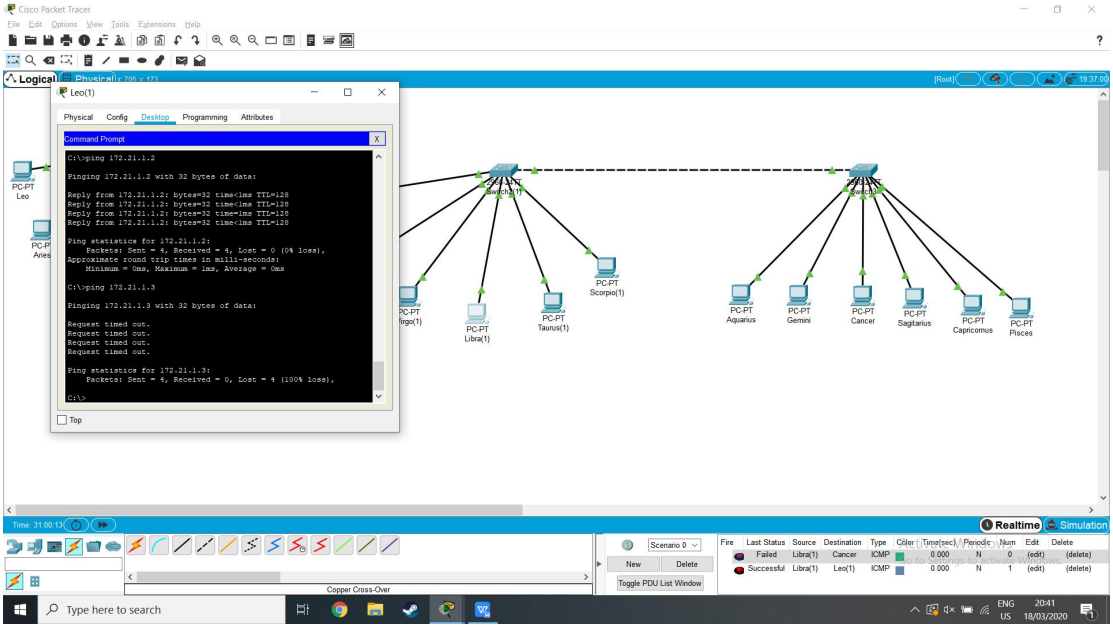




Tugas 10A : pada mode trunk semua vlan bisa digunakan sekaligus







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