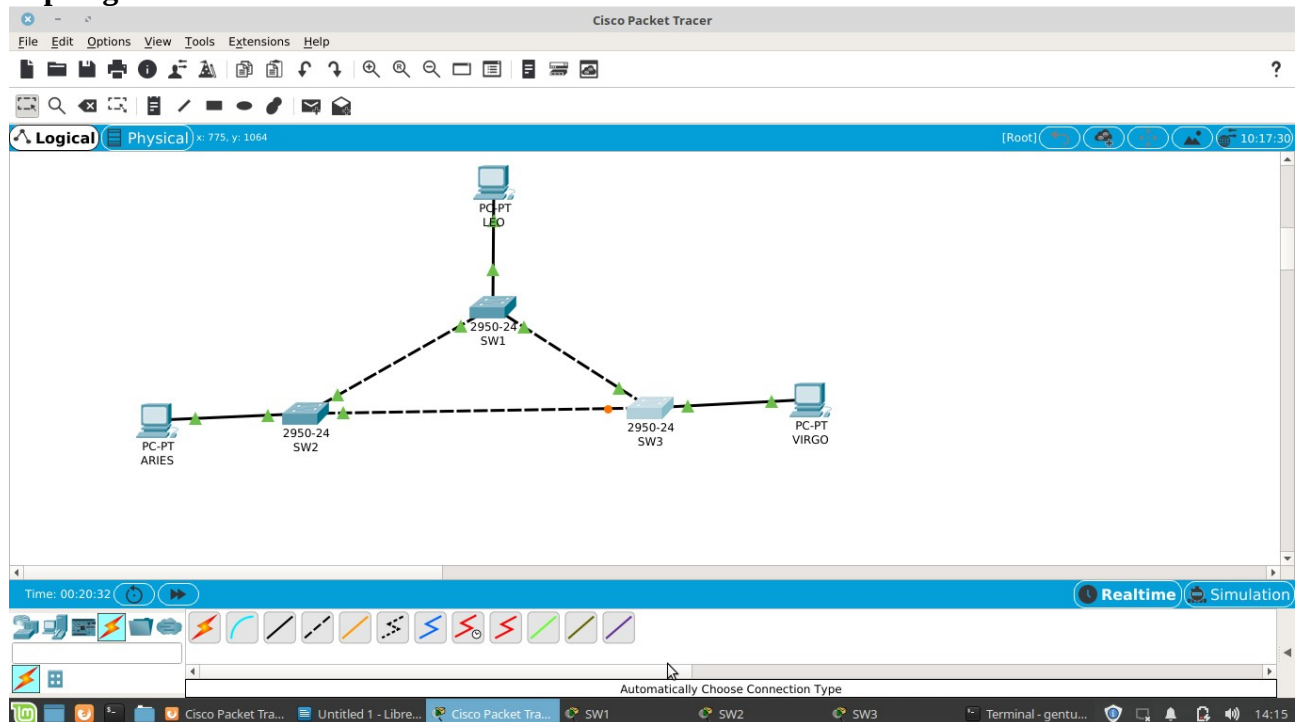
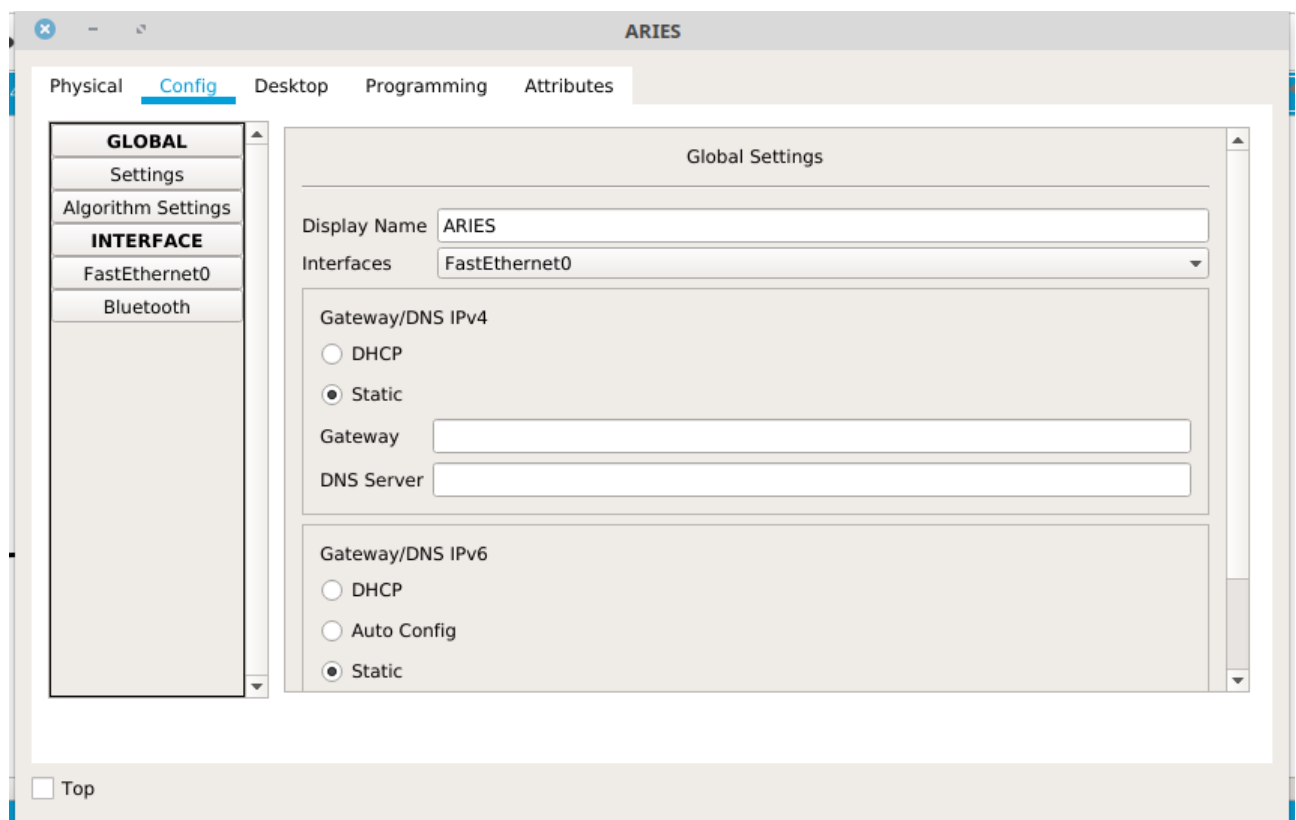


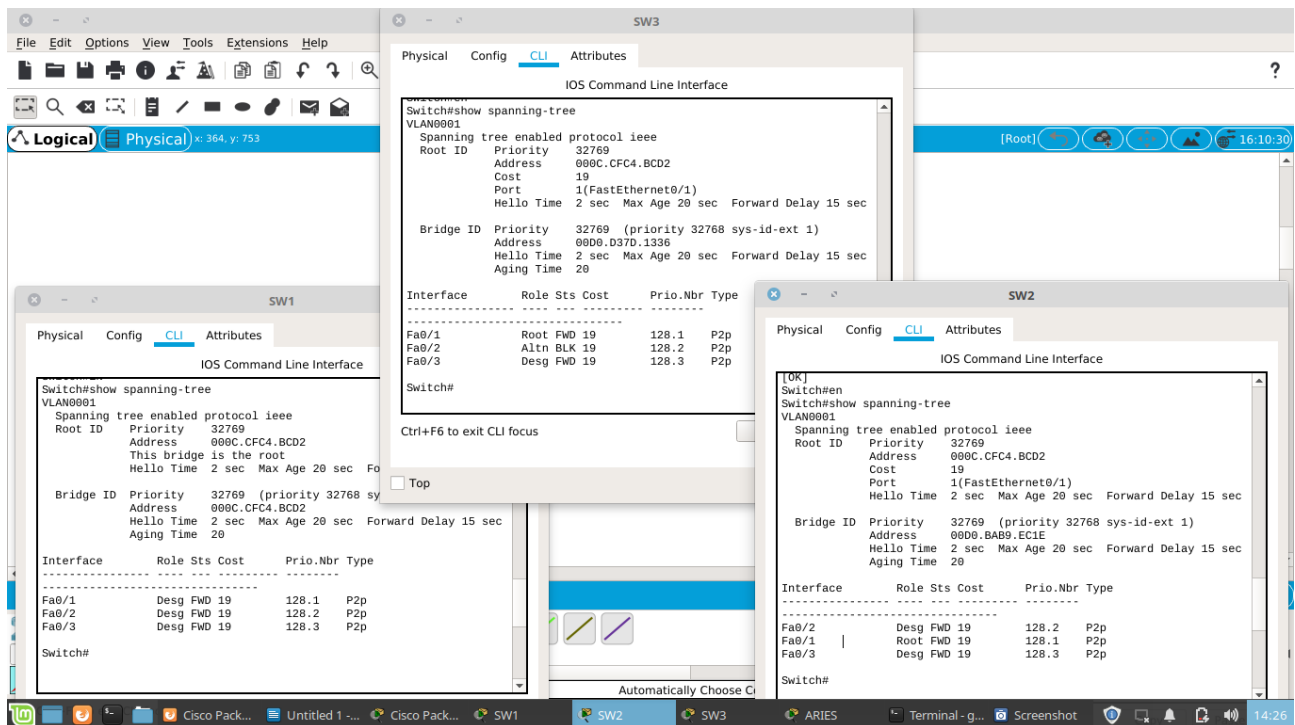
Nama : Anom Wisnu Subroto
NIK : L200170071
Kelas : B

Topologi 1



Membuat topologi dengan memilih pc dan switch dan menyambungkannya dengan kabel, dan memberi nama pada switch dan pc dengan mengklik lalu memilih Config lalu menulis nama pada Display Name.





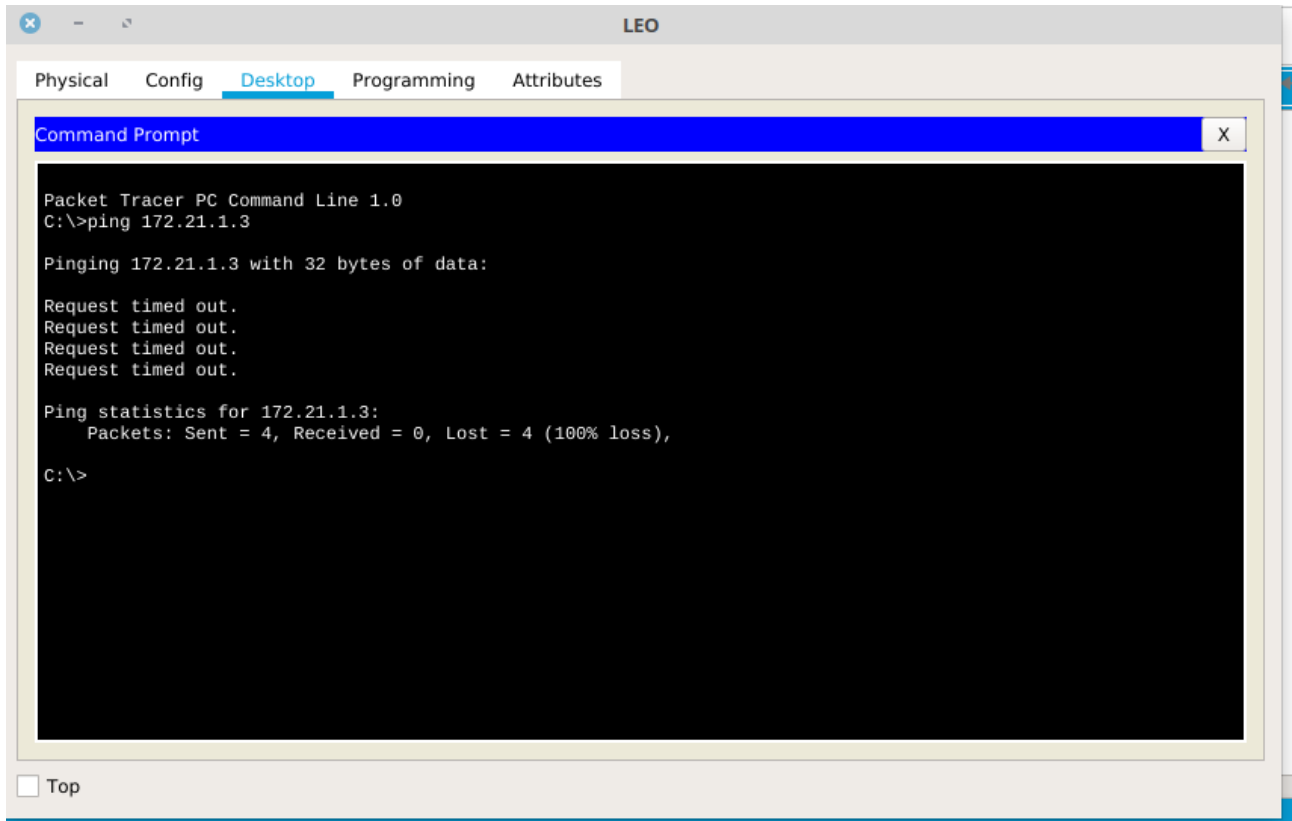
SW1

No	Variable	Nilai
1.	Root ID	32769 000C.CFC4.BCD2
2.	Priority	32769
3.	MAC Address	000C.CFC4.BCD2
4.	Bridge ID	32769 000C.CFC4.BCD2
5.	Cost(0/1;0/2;0/3)	19
6.	Hello Time	2
7.	Max Age	20
8.	Forward Delay	15

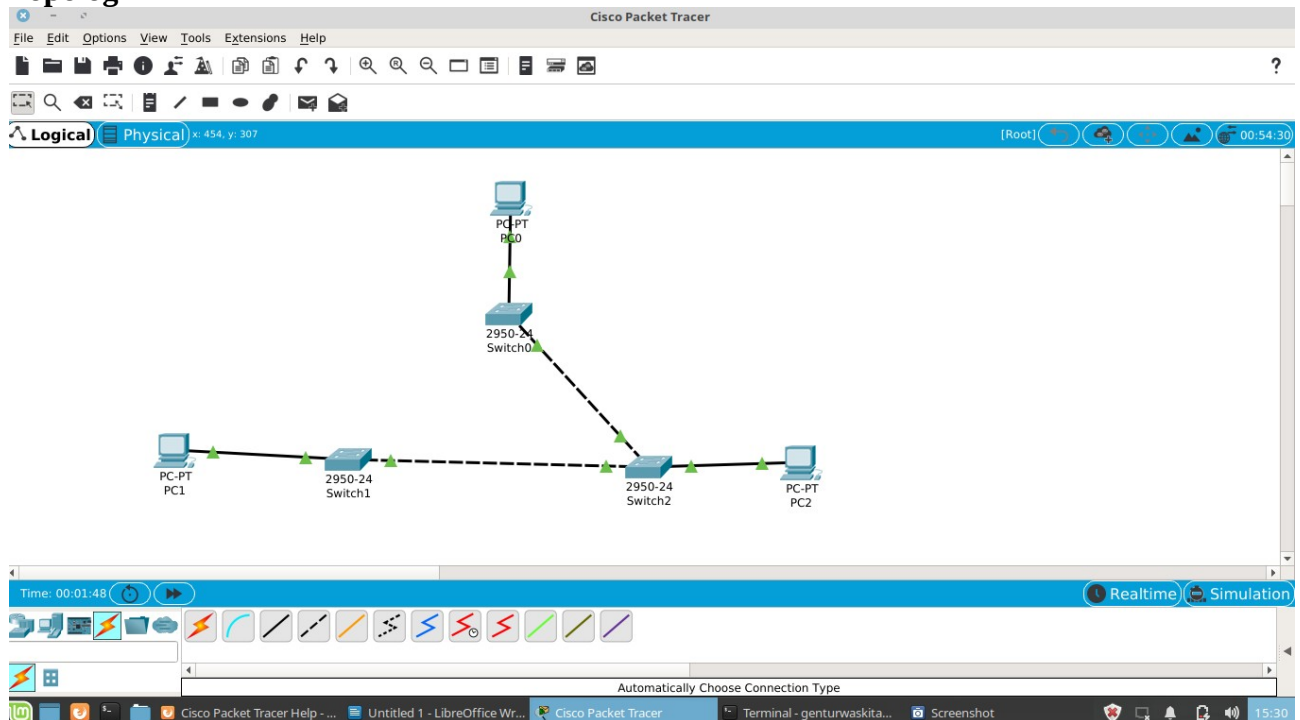
SW3

No	Variable	Nilai
1.	Root ID	32769 000C.CFC4.BCD2
2.	Priority	32769
3.	MAC Address	000C.CFC4.BCD2
4.	Bridge ID	32769 00D0.D37D.1336
5.	Cost(0/1;0/2;0/3)	19
6.	Hello Time	2
7.	Max Age	20
8.	Forward Delay	15

- Menjadi *root bridge*: SW1
 - Menjadi *designated bridge* : SW2
 - Menjadi *root port* : Fa0/1
 - Menjadi *designated port* : Fa0/3
- Berada pada keadaan *forwarding* :
- SW1: Fa0/1, Fa0/2, Fa0/3
 - SW2 : Fa0/1, Fa02, Fa0/3
 - SW3 : Fa0/1, Fa0/3
- Berada pada keadaan *blocking* :
- SW3 : Fa0/3



Topologi 2



Switch0

Physical Config CLI Attributes

IOS Command Line Interface

changed state to up

```
Switch>en
Switch#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address    0001.964C.AE51
             Cost       38
             Port       2(FastEthernet0/2)
             Hello Time 2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
             Address    0008.BA5A.1608
             Hello Time 2 sec  Max Age 20 sec  Forward Delay 15 sec
             Aging Time 20
```

Interface	Role	Sts	Cost	Prio.	Nbr	Type
Fa0/2	Root	FWD	19	128.2		P2p
Fa0/1	Desg	FWD	19	128.1		P2p

Switch#

Ctrl+F6 to exit CLI focus

Copy

Switch1

Physical Config CLI Attributes

IOS Command Line Interface

LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up

```
Switch>en
Switch#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address    0001.964C.AE51
             Cost       19
             Port       2(FastEthernet0/2)
             Hello Time 2 sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    32769 (priority 32768 sys-id-ext 1)
             Address    0001.964C.AE51
             Hello Time 2 sec  Max Age 20 sec  Forward Delay 15 sec
             Aging Time 20
```

Interface	Role	Sts	Cost	Prio.	Nbr	Type
Fa0/1	Desg	FWD	19	128.1		P2p
Fa0/2	Desg	FWD	19	128.2		P2p

Switch#

SW1

No.	Variable	Nilai
1.	Root ID	32769 0001.964C.AE51
2.	Piority	32769
3.	MAC Address	0001.964C.AE51
4.	Bridge ID	00D0.BA5A.16D8
5.	Cost(0/1;0/2;0/3)	38
6.	Hello Time	2
7.	Max Age	20
8.	Forward Delay	15

SW2

No.	Variable	Nilai
1.	Root ID	32769 0001.964C.AE51
2.	Piority	32769
3.	MAC Address	0001.964C.AE51
4.	Bridge ID	0001.964C.AE51
5.	Cost(0/1;0/2;0/3)	19
6.	Hello Time	2
7.	Max Age	20
8.	Forward Delay	15

SW3

No.	Variable	Nilai
1.	Root ID	32769 0001.964C.AE51
2.	Piority	32769
3.	MAC Address	0001.964C.AE51
4.	Bridge ID	0060.3EC5.6173
5.	Cost(0/1;0/2;0/3)	19
6.	Hello Time	2
7.	Max Age	20
8.	Forward Delay	15

- Menjadi *root bridge* : Switch1
 - Menjadi *designated bridge* : Switch0, Switch2
 - Menjadi *root port* : Fa0/2
 - Menjadi *designated port* : Fa0/1, Fa0/3
-
- Berada pada keadaan *forwarding* : Fa0/1, Fa0/2, Fa0/3
 - Berada pada keadaan *blocking* : tidak ada

