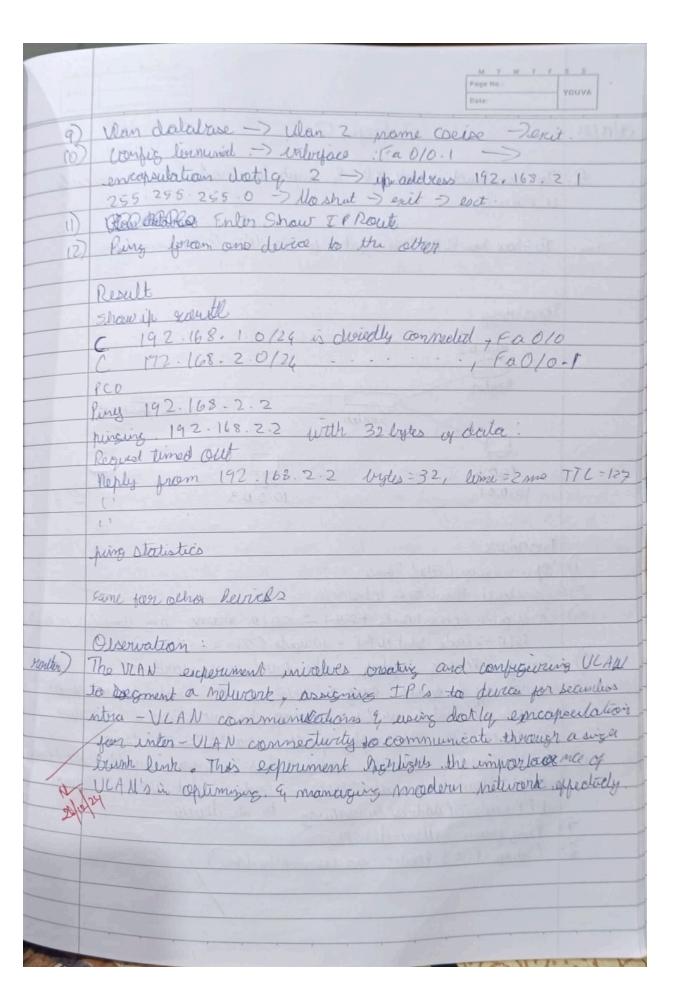
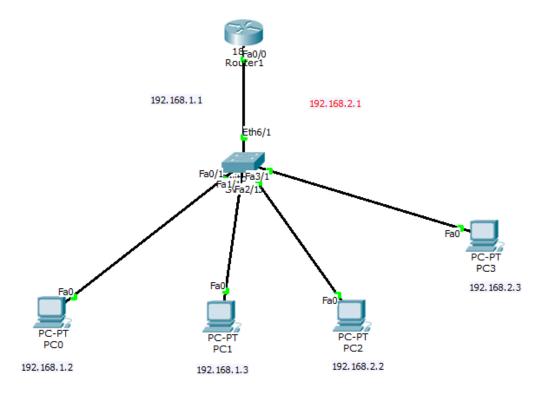
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=	Q: To construet a VLAN & make the PC's communicale array
	Nim. To contruct a ULAN quandorstant de junction.
\$  \text{3}	Procedure  Procedure
	7 Had all lands and

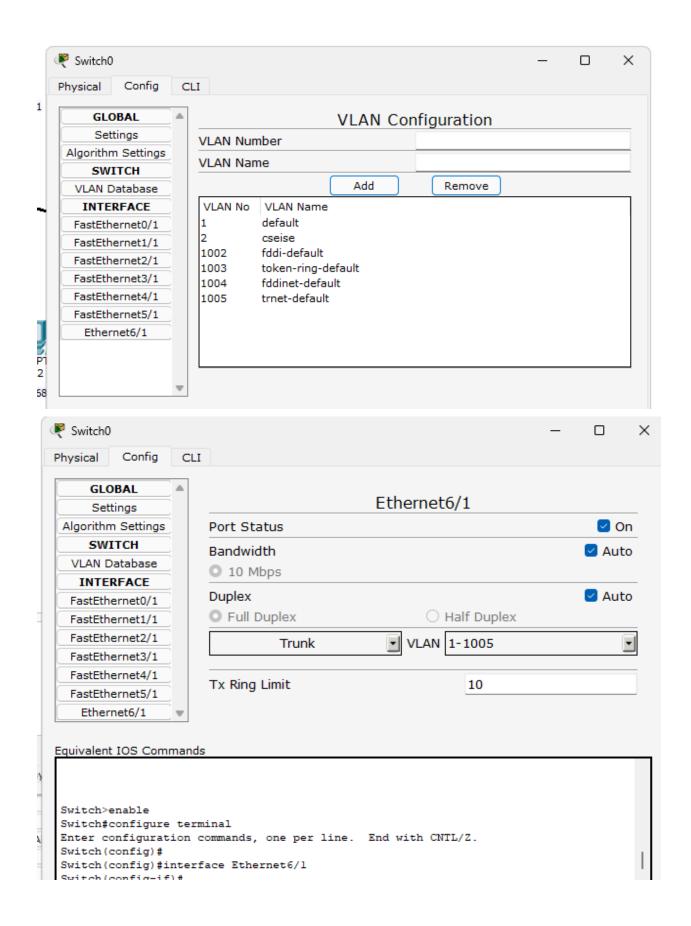


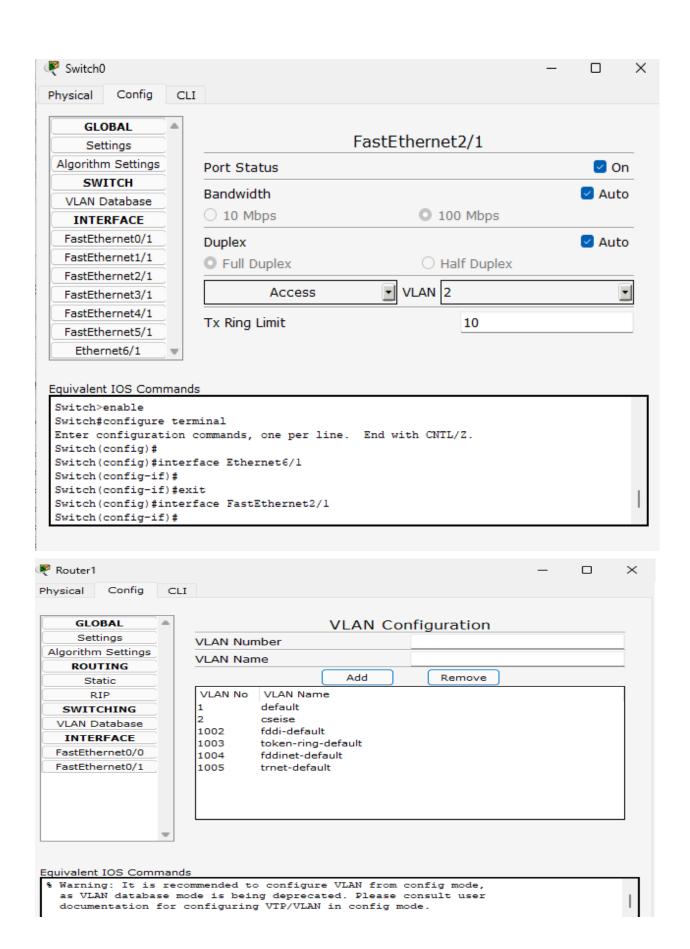


```
Router>enable
Router#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface fa0/0
Router(config-if)#ip address 192.168.1.1 255.255.255.0
Router(config-if)#no shut

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit
Router(config)#exit
Routerf(config)#exit
```





```
Router#vlan database
  % Warning: It is recommended to configure VLAN from config mode,
    as VLAN database mode is being deprecated. Please consult user
    documentation for configuring VTP/VLAN in config mode.
  Router(vlan) #vlan 2 name cseise
  VLAN 2 modified:
    Name: cseise
  Router(vlan)#
  Router (vlan) #exit
  APPLY completed.
  Exiting....
  Router#config terminal
  Enter configuration commands, one per line. End with CNTL/Z.
  Router(config) #interface fa0/0.1
  Router(config-subif)#
  %LINK-5-CHANGED: Interface FastEthernet0/0.1, changed state to up
  %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0.1, changed state
  Router(config-subif) #encapsulation dot1q 2
  Router(config-subif) #ip address 192.168.2.1 255.255.255.0
  Router(config-subif) #no shut
  Router(config-subif) #exit
  Router(config) #exit
  Router#
  %SYS-5-CONFIG_I: Configured from console by console
  Router#
  Router#vlan database
  % Warning: It is recommended to configure VLAN from config mode,
   as VLAN database mode is being deprecated. Please consult user
    documentation for configuring VTP/VLAN in config mode.
 Router(vlan)#
Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
      N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
      E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route
Gateway of last resort is not set
    192.168.1.0/24 is directly connected, FastEthernet0/0
    192.168.2.0/24 is directly connected, FastEthernet0/0.1
Router#
```

