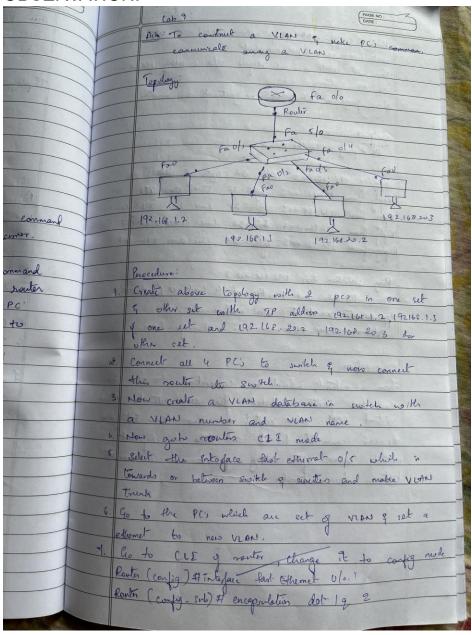
## LAB 9

To construct a VLAN and make a pc communicate among VLAN.

## **OBSERVATION:**

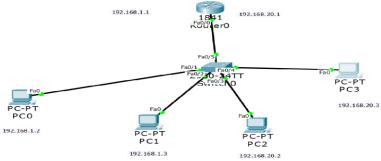


Router (config - subt 1) # ip address 192 163.20.1 2 182 rouse Router (config-sus of) It no shult This will create a sub interface 0/0 1 setting 192.168.20.1 as its goteway.

9. Now ping a PC from one network to another Oulput: pc > ping 192 168.20.3 pinging 192.168.20.3 with 32 byles of data: Reply from 192.162.203: bytes=32 time=0ms TBl= N2 hepy from 192.168.203: bytes=32 torie=1ms TTL=122 non 192.163.20.5" lyts=32 time: 4ms TTL=127 uply from 192 165.203; bylo = 32 time=0ms. 772=127. Ping statistics for 192160.20.3 Packets: sent=4, Reviewed=4, Lost=0 (0/- Loss) Approximate round trip & milliseconds: Minimum = Ons, Maximum = lens, Average = 1 ms. Observation: from a network which is connected to one integer can be justing distincted into sub networks called vertuel LAND, when created a new sub Entarface devices connected to 3t out the a different network, now after setting up we can communicate

## TOPOLOGY:





## **OUTPUT:**

```
PC0
                                                       X
Physical
           Config
                     Desktop
                                Custom Interface
 Command Prompt
                                                             X
  Packet Tracer PC Command Line 1.0
  PC>ping 192.168.20.3
  Pinging 192.168.20.3 with 32 bytes of data:
  Request timed out.
  Reply from 192.168.20.3: bytes=32 time=0ms TTL=127
  Reply from 192.168.20.3: bytes=32 time=5ms TTL=127 Reply from 192.168.20.3: bytes=32 time=0ms TTL=127
  Ping statistics for 192.168.20.3:
      Packets: Sent = 4, Received = 3, Lost = 1 (25%
  loss),
  Approximate round trip times in milli-seconds:
      Minimum = 0ms, Maximum = 5ms, Average = 1ms
  PC>
```

