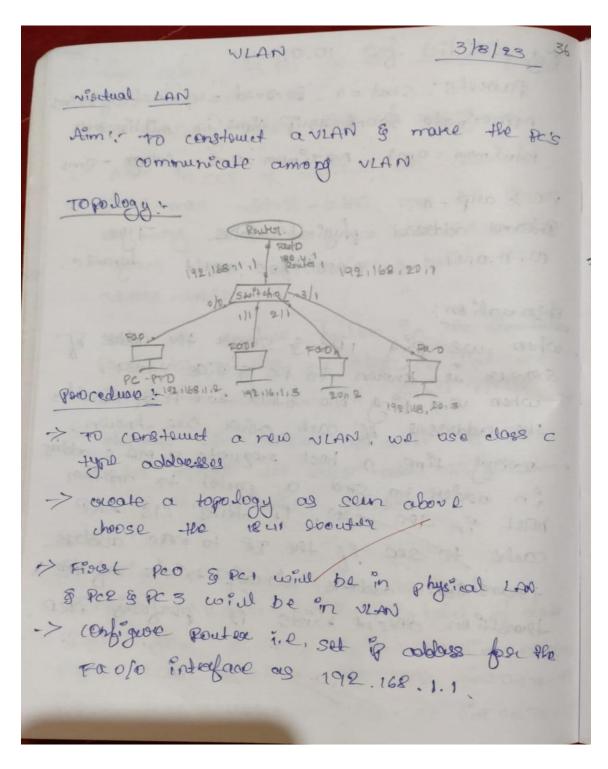
## LAB9

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

## **OBSERVATION:**



- 36 And set is address of Par & Par as 192.185.1.2 § 192.168.1.3 & garkway as 192.168.1.1
  - -> Now we came obeix that PCO & PCV con con municale with south other.
  - -> 4091 PC & & PCS SOLT PP as 192, 168.20.2 & 192.168.20.3 & gate way as 192.168.20.1
  - => switch configuration = 100 miles
  - -> 2n switch go to config & select VLAN data
     base set NLAN no & name:

    ex: NLAN Number 20

    NLAN Name Newsburn.
    - -> allow on odd.
  - -> select the orthogane. i.e fa 6/1 (most the switch brown nouter) & make it towns

. Laly confilered.

- Junes your different VLANS over a single
- -> this is do no by adding an additional header information called Lag to the ethors of adding this small head is called VLAN tagging.

I shal make (select) for interface that are come - cting NAN Pais to the switch. 38 -> me it is fa 2/1 8 fa 3/1 8 selet 8 make NLAN as 20! now vlan. NIAN [20 8] 20: newstam Route configuration: -> open config sellet NAN dodabase anton the no & name of vlan ovailed. go to CLR Country (vlam) #1xi't. Aprily completed. exiting - and a si constitution of the said Router # config + Router Config Dat interface fe o los Router Config. subif ) # encopsulation dot 12 2 Route (ourling, sobif) # ip address 192 168,20.1 Routex (confe - Suby) + no shut 255.255.255.0 = Joseph Bild of the many is second prom PCO to PCS > Pip 192.168.20.3

you will got a socressful teamsmission from

elsevalution!

even though we one using a single growter we can use multiple different mentioners.

And those notwoods will woodes as visitual retwoods. And we can communicate from physical LAN to VLAN & vice wesa.

perceluse:

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> 100 form on the to another.

> the capture lattern to apter every transfer to an

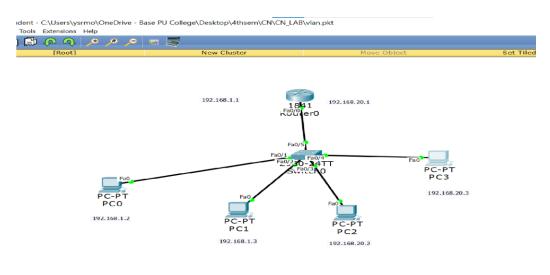
on the size duction to apter every transfer to an

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The short 8 and board 800 debits.

#### **TOPOLOGY:**



### **OUTPUT:**

