

EXP NO 8

(8a)

(a) SIMULATE VIRTUAL LAN CONFIGURATION USING

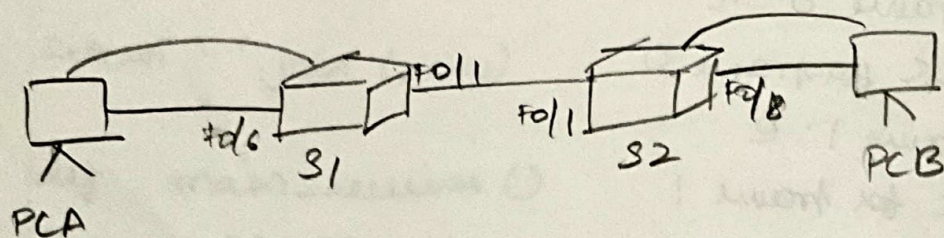
CISCO PACKET TRACER.

AIM:-

Simulate VLAN configuration using Cisco Packet tracer simulation

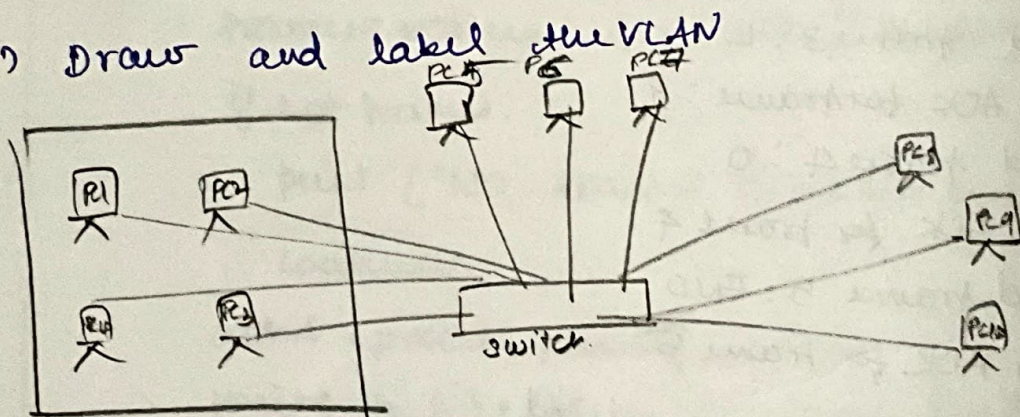
Packet Tracer configure VLAN and trunking -

Physical mode Topology.



Student observation:-

(a) Draw and label the VLAN



(b) Show the IP configuration for each device.

Device	IP Address	Subnet Mask	Default Gateway
PC1	192.168.20.2	255.255.255.0	192.168.20.1
PC2	192.168.20.3		
PC3	192.168.20.4		
PC4	192.168.20.5		
PC5	192.168.20.6		
PC6	192.168.20.7		
PC7	192.168.20.8		



PC8 192.168.20.9

PC9 192.168.20.10

P10 192.168.20.11

(c) write the commands used for VLAN config in switch

> Enable

#config t

#vlan 2

#name office

#exit

#vlan 3

#name home

#exit

#interface fast Ethernet 0/1

#switchport access vlan 2

#exit

#interface fast Ethernet 0/2

#switchport access vlan 2

#exit

#interface fast Ethernet 0/3

#switchport access vlan 3

#exit

#interface fast Ethernet 0/4

#switchport access vlan 3

#exit