

Exp. N^o 7
DATE: 7/10/24

Practical - 8(a)

Aim:

Simulate virtual LAN configuration using CISCO packet tracer.

Reflection questions:

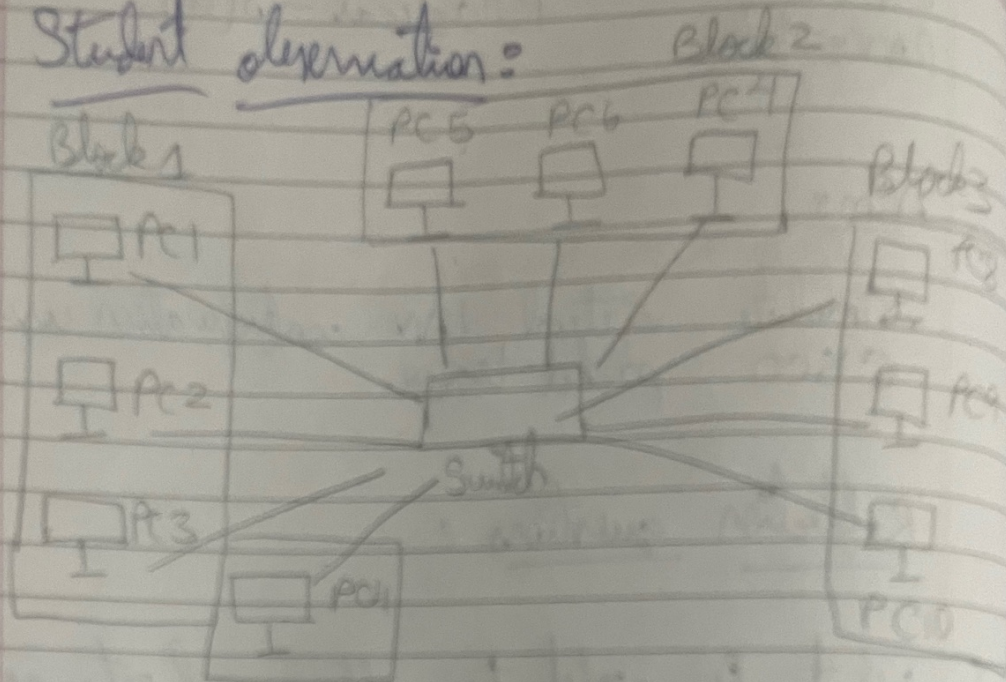
- 1) What is needed to allow hosts on VLAN 10 to communicate to hosts on VLAN 99?

To allow hosts on VLAN 10 to communicate with hosts on VLAN 99, a router or layer 3 switch is needed to perform inter-VLAN routing, enabling traffic to pass between the two VLANs.

2. What are some of the primary benefits that organisations use VLANs

Primary benefits include improved network security.

Student allocation:



(a) Draw and label VLAN

(b) Show IP configuration

IP address: 192.168.10.2

Subnet Mask: 255.255.255.0

IP address: 192.168.10.3

Subnet Mask: 255.255.255.0

c) Write the commands and
switch > enable

switch

switch (config)

switch (config-vlan)

switch (config)

switch (config-vlan)

Result:

Thus the wireless LAN has been
configured using CISCO packet tracer