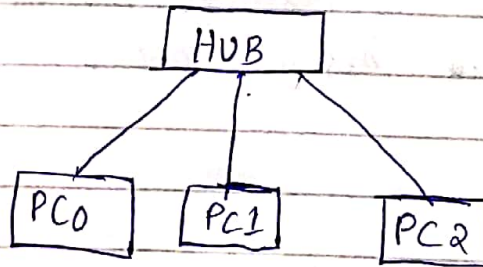


## LAB-T

① Procedure:- Step 1) Take 3 PC's and connect them all to 1 hub.

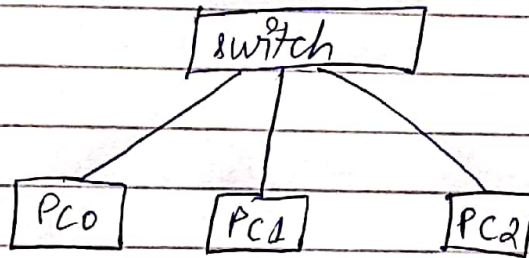
Step 2) Set the IP address for the 3 end devices.

Step 3) Add PDU to each device and run simulation.



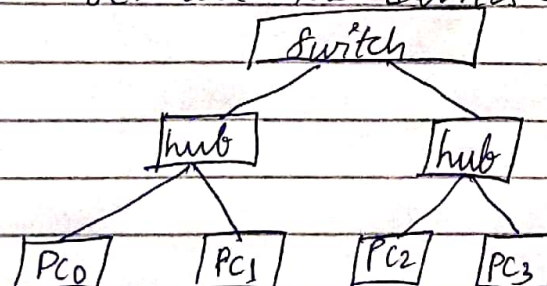
Outcome:- PC0 sends a message which is received by HUB & it is further sent to PC1 and PC2. These end devices may accept or reject the message.

② Procedure:- Same steps as hub topology except instead of hub, switch is used.



Outcome:- The end devices can communicate with each other without the interference of the switch.

③ Procedure:- Set all the devices & connect them to each other.



Outcome:- (PC0  $\rightarrow$  PC2)

PC0 sends message to hub and it return sends it to switch and PC1. PC1 rejects the message and switch sends it to hub which it return sends it to PC2 and PC3 simultaneously. PC3 rejects the message and PC2 sends an acknowledgement message to PC0.