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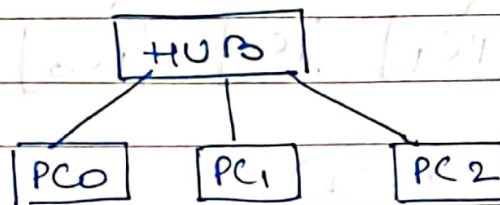
LAB 1 :

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.

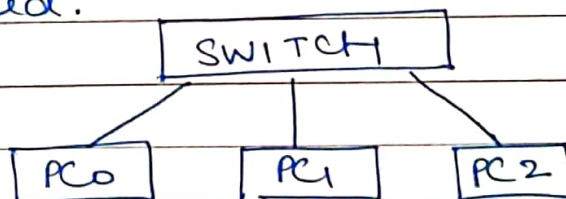


OUTCOME :

PC0 sends a message which is received by HUB and 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 a hub, switch is used.



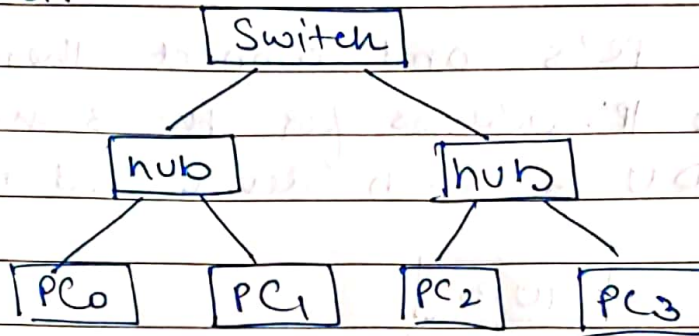
OUTCOME :

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

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③ PROCEDURE

Set all the devices and connect them to each other.



OUTCOME: (PC0 → PC2)

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