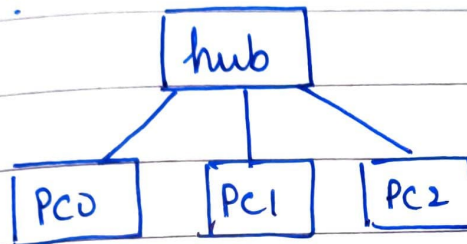


## LAB: 1

### Observation:

1)



step 1: Place 3 end devices and one hub

step 2: Connect them using cables

step 3: Set their IP address

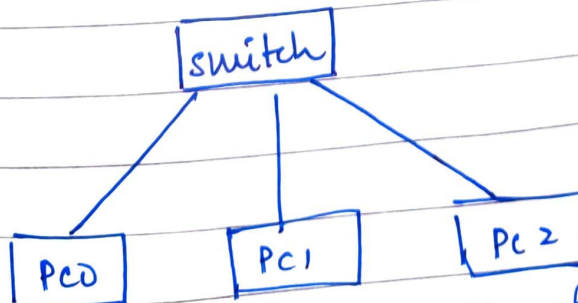
step 4: Add simple PDU to each device

step 5: ~~start~~ run simulation.

### OUTCOME:

hub receives message from PC0 and sends it to other devices PC1 & PC2 simultaneously and these devices accept or reject the message.

2)



Follow the same steps as the hub topology.

### OBSERVATION

Though the 3 end devices are connected with

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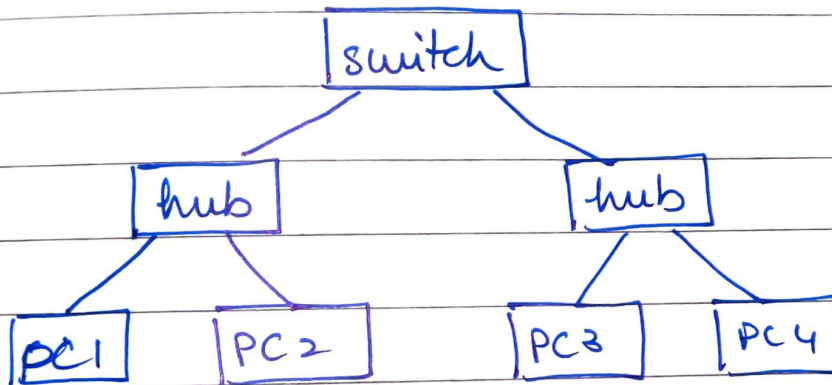
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each other through a single switch only the pairs of devices can communicate with each other.

3



→ set all the devices by connect them to each other. Then set IP address.

→ OUTCOME

PC1 → PC3

1) PC1 sends message to hub and hub then sends it to PC2 and switch.

2) PC2 rejects the message and switch sends it to the hub.

3) The hub then sends it to ~~the~~ PC3 & PC4 simultaneously. PC

4) PC4 rejects the message and PC3 sends acknowledgment to PC1.