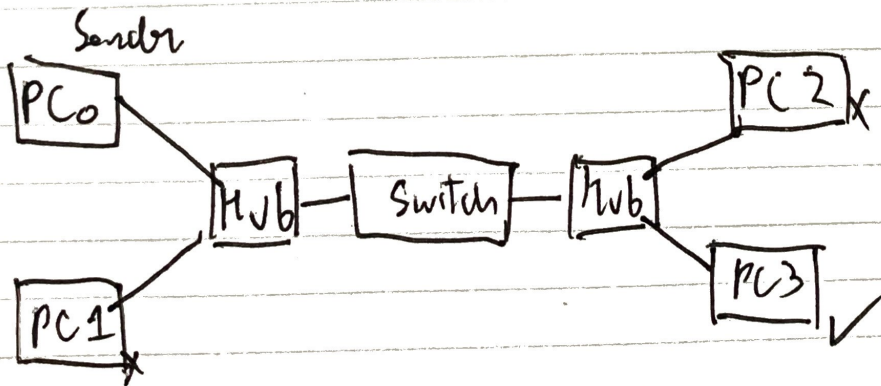# Lab 1

Aim: Creating a topology and simulating a simple PDU from source to destination using hub and switch.

Procedure:

1. Place one hub and 2 end devices.
2. Connect them using cables.
3. Set IP address and subnet mask for each device.
4. Repeat for another set.
5. Connect a switch between the two hub.
6. Send a message from a device in one hub to another.

Observation:

i) PC0 sends the message to Hub1, which is received and then sent to PC1, & which rejects the message since destination doesn't match. (switch)

ii) Switch transmits the message to Hub2, which propagates it to PC2 and PC3.

iii) PC3 accepts the message & PC2 rejects it.

Topology

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