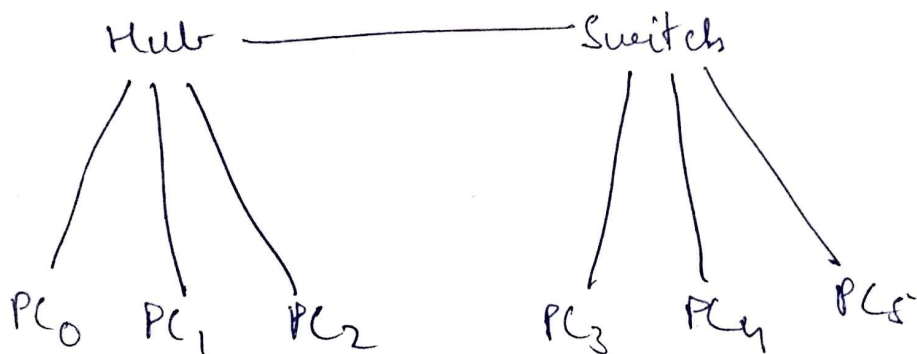


1. Create a topology and simulate sending a simple PDU from source to destination using hub and switch as connecting device.

- Soln.
1. Topology is created using hub which are connected to 3 PC's and switch which are connected to another 3 PC's.
 2. Here, Hub works as broadcasting device and switch as unicasting device.
 3. End devices are source and destinations.



4. To send any Packet, IP address need to be assigned to each end device
⇒ Click on each PC → config → fastEthernet
→ set static IP to 10.0.0.1, 10.0.0.2, and so on.
5. A simple PDU is sent from source of hub to destination of switch.
6. Using Hub and Switch, we have implemented Data Unit Protocol i.e., transmitted a single unit of information among peer entities of computer networks.