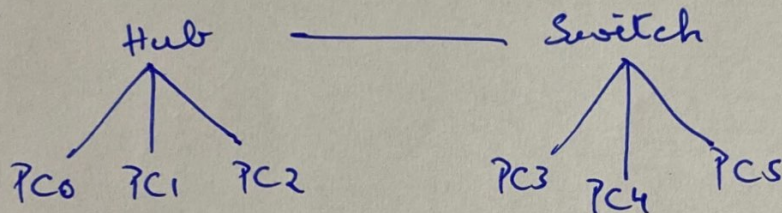


- 1) Create a topology & simulate sending a simple PDU from source to destination using hub and switch as connecting device.

Ans:

- a) Topology is created using hub which are connected to 3 PC's & switch are connected to 3 PC's.
- b) End-devices i.e. PC's act as source & destination



- c) To send any packet IP address need to be assigned to each end device.

⇒ Click on each PC ⇒ config → fast element 0

→ set the static IP to 10.0.0.1

10.0.0.2

& so on

- d) A simple PDU is sent from source of hub to destination of switch

- e) The network is ready. Using Hub & switch we have implemented Data Unit protocol i.e. transmitted of single unit of information among computer network.