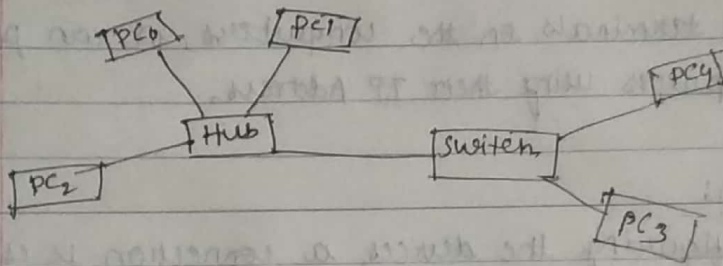


Lab-1Using Hub & Switch.

First two pc's are connected with a hub which is a layer-1 device. Later the simple ICMP message is sent. The hub is replaced with the switch which is a layer-2 device. The ICMP message is sent between the PCs.

Then the hub & switch are connected to form a new network and analysis of the data from one PC to another made.

Topology:Outcome.

- * The movement of data (PDU) in each layer was observed.
- * The difference between the hub and switch was observed.
- * Hub is a device which broadcasts the data to all connected devices and performs in layer-1 (physical layer).
- * Switch is an Intelligent device and sends data only to the required device (end device) and it functions in layer-2 (data link layer).