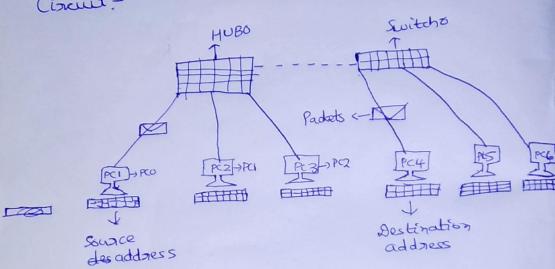
24/09/2080 Thursday

Create a PDA topology and simulate remding a simple PDU from source to destination using hub and suitely as connecting dovice.

Aim: To demonstrate how hubs and switches are used to send packets from source address to destination address.

Circuit :-



learning outcomes:

of hub is a physical layer networking dervice which is used to connect multiple de derices in a network. They are generally used to connect computers in a LAN.

A hub has many parts in it. A computer which intended to be connected to the natural is plugged in to one of these ports. When a date frome driver at a post, it is broadcast to

it is destined for a particular destination or not.

A switch is a data link networking donice which connects donices in a network and uses packet switching

Steps involved:

- 1. Topology is created using hub which are connected to 3 PC's and switch which are connected to another 3 PC's
- 8. Hub is a derive works as broadcasting derive and switch which works as unicosting derive.
- 3. PCO acts as a source and PC3 acts as an
- 4. Click on each PC -> config -> fastathornato ->
 set ip address ex: 10.0.0.1, 10.0.0.2 and

5- A simple PDU is sent from source of Auto to destination of switch.

6. Network is ready

I- Using Hub and suit In that is we have implemented.