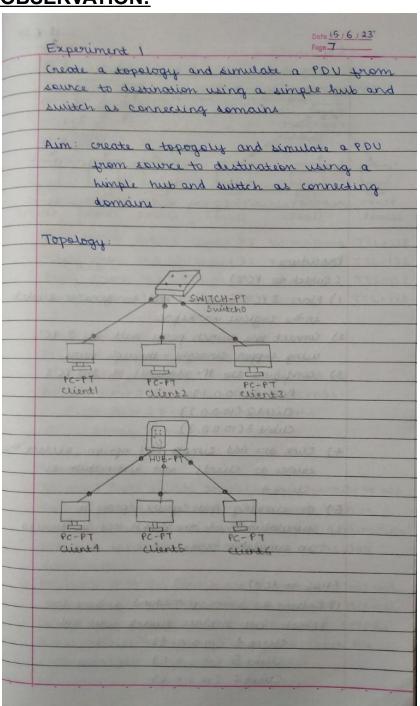
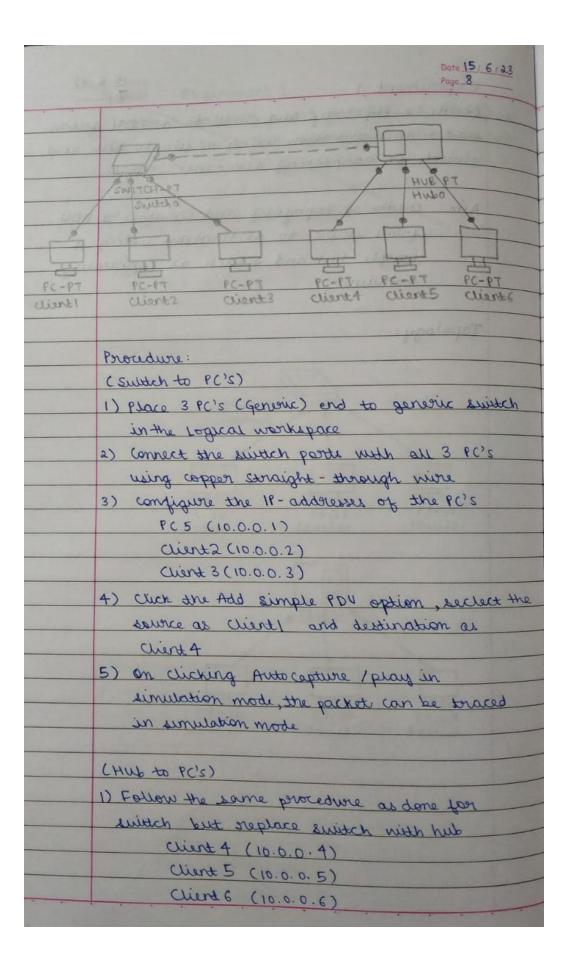
### **EXPERIMENT 1:**

Create a topology and simulate sending a simple PDU from source to destination using hub and switch as connecting devices and demonstrate ping messages.

### **OBSERVATION:**





Now connect the suitch and hub and excurse exclusive to destinate the packet terangle of the solution

· trigtuo

PC > ping 10.0.0.3

pinging 10.0.0.3 with 32 bytes of data:

Reply from 10.0.0.3: byte = 32 time = 0 ms TTL=128

Reply from 10.0.03: byte = 32 time = 2 ms TTL=128

Reply from 10.0.0.3: byte=32 time = TTL=128

Reply from 10.0.0.3: byte=32 time = TTL=128

#### : missyresole

Ping statistics for 10.0.0.3:

Packet: Sent = 4 Reached = 4 Lost = 0

: abnows illim ne somit girt brusie xaraga

Maninum = 0 ma Maximum = 2 ma

Average = 0 ms

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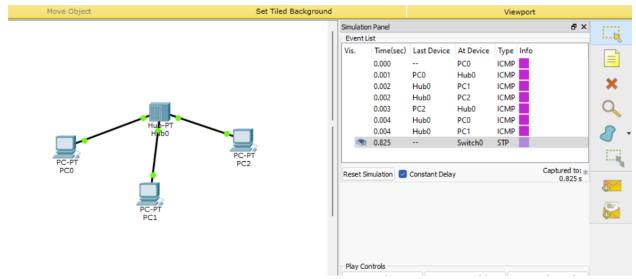
  receive the packets discard to packets and intends

  device receive the packets and sends back the

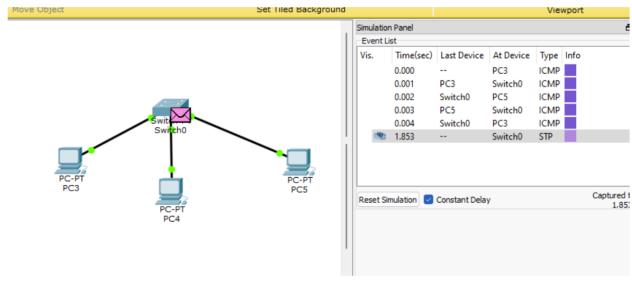
  acknowledgement to the source.

# **Topology & Simulation Panel:**

## Topology with Hub as connecting device:



### Topology with Switch as connecting device:



# Topology with both Hub and Switch as connecting device:

