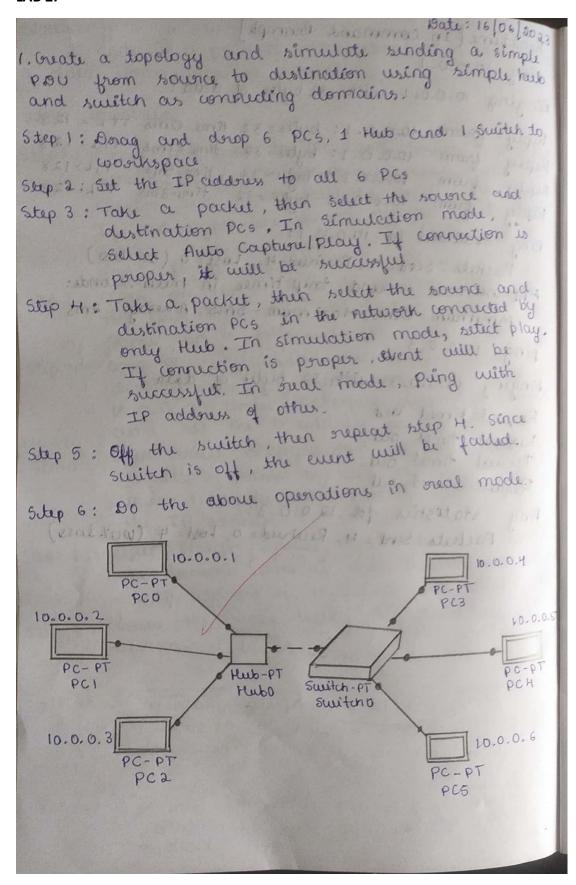
# **COMPUTER NETWORK LABORATORY**

### **LAB 2:**



Command percent:

When switch is Off,

ping 10.0.0.1 (in 10.0.0.4)

Ringing 10.0.0.1 with 32 bytes of data:

Request timed out

Request timed out

Request timed out

Request timed out

Ring statistics for 10.0.0.1:

Packets: Sent = 4, Received = 0, Lost = 4 (1001. Loss),

Packet transfer via Hub & Switch:

Ping 10.0.0.5 (in 10.0.0.3)

Ringing 10.0.0.5 with 32 bytes of data:

Reply from 10.0.0.5: bytes=32 time=0ms TTL=128

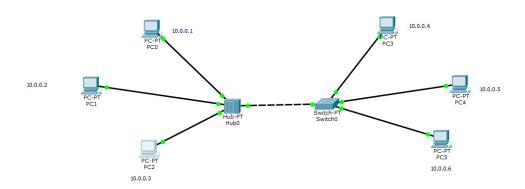
Ping statistics for 10.0.0.5:

Packuts: Sent = 4, Received = 4. Lost = 0 (0-1- Loss)
Approximate round toup times in milli-seconds:
Minimum = Oms, Maximum = Oms. A verage = Oms.

1/10

#### **TOPOLOGY:**

### **SCENARIO 1: Switch is on**

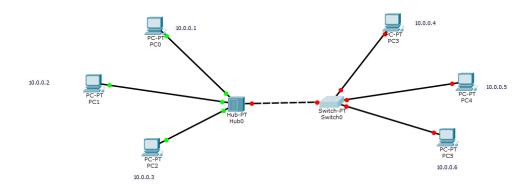


### **COMMAND PROMPT OUTPUT:**

```
₱ PC2

                                                                                                         ×
                         Desktop
Physical
              Config
                                       Custom Interface
    Command Prompt
    Packet Tracer PC Command Line 1.0
    PC>ping 10.0.0.5
     Pinging 10.0.0.5 with 32 bytes of data:
    Reply from 10.0.0.5: bytes=32 time=0ms TTL=128
    Reply from 10.0.0.5: bytes=32 time=0ms TTL=128
Reply from 10.0.0.5: bytes=32 time=0ms TTL=128
Reply from 10.0.0.5: bytes=32 time=0ms TTL=128
     Ping statistics for 10.0.0.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds:
         Minimum = 0ms, Maximum = 0ms, Average = 0ms
     PC>
```

## **SCENARIO 2: Switch is off**



## **COMMAND PROMPT OUTPUT:**

```
₹ PC3
                                                                                ×
                   Desktop
Physical
          Config
                              Custom Interface
   Command Prompt
   Packet Tracer PC Command Line 1.0
   PC>
   Packet Tracer PC Command Line 1.0
   PC>ping 10.0.0.1
   Pinging 10.0.0.1 with 32 bytes of data:
   Request timed out.
Request timed out.
   Request timed out.
   Request timed out.
   Ping statistics for 10.0.0.1:
       Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
   PC>
```