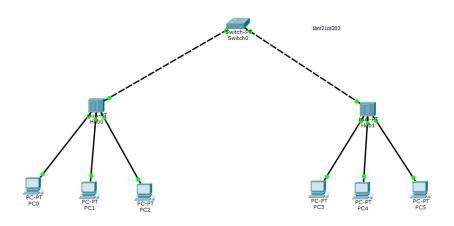
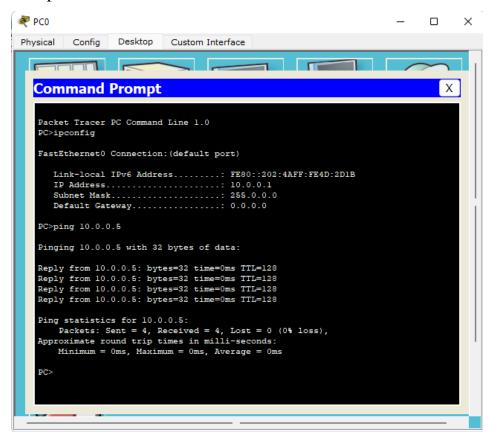
## **COMPUTER NETWORKS LAB 1**

Create a topology consisting of two or more end devices connected with the help of hub and switch and simulate a simple PDU.

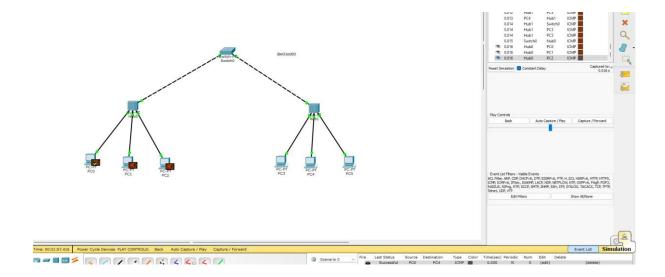
# 1)Switch and hub hybrid



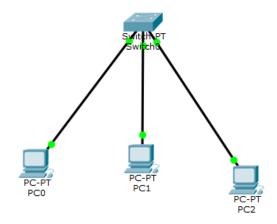
## Output



## Simulation:

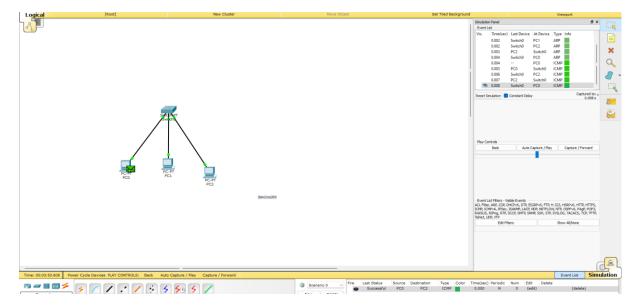


# 2)Switch

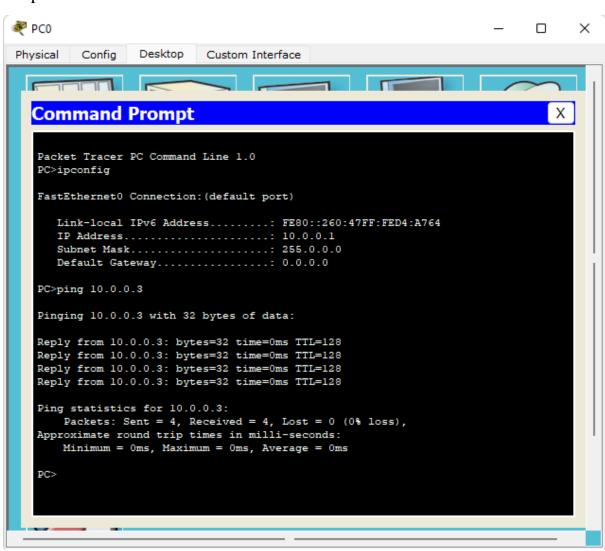


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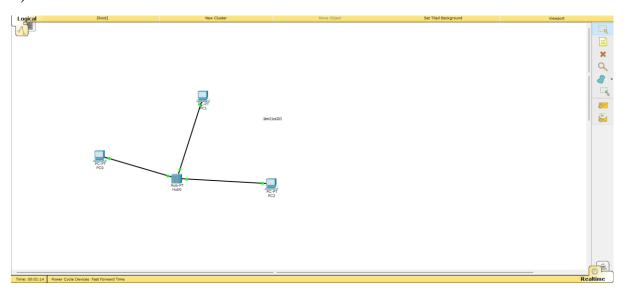
# Simulation:



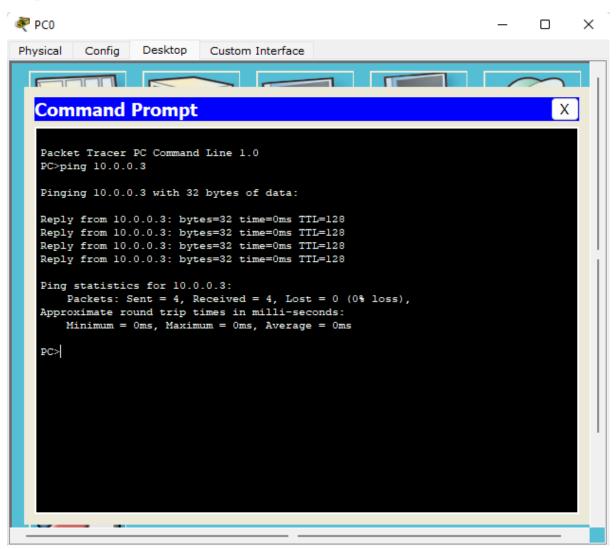
## Output:



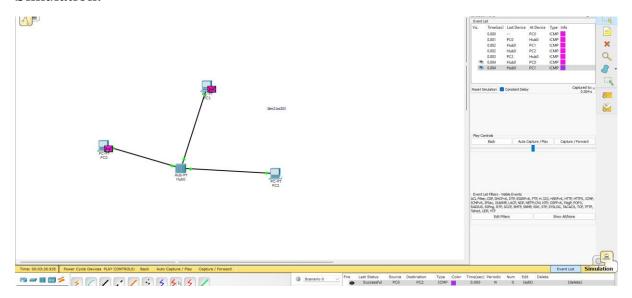
## 3)Hub:



## Output:



#### Simulation:



## Outcome:

#### Outcome with Hub:

In real time, when we use ping command, we notice that response is received from destination.

In simulation mode, hub gets PDU, it broadcast to all the connected devices, then one device accepts the others drop or reject.

#### Outcome with Switch:

In simulation mode, as it receives the PDU, switch only transmits or forwards to the destination/ mentioned end device.

# Outcome with Hybrid:

The hub broadcasts to all the connected devices including the switch, then the switch, then the switch forwards the PDU only to destination drive.

By,

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