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EXP 1

Demonstrate working of switch, Hub

Topology :

Hub:

HUB
PC0   PC1   PC2

switch :

SWITCH
PC0   PC1   PC2

Hub And Switch :
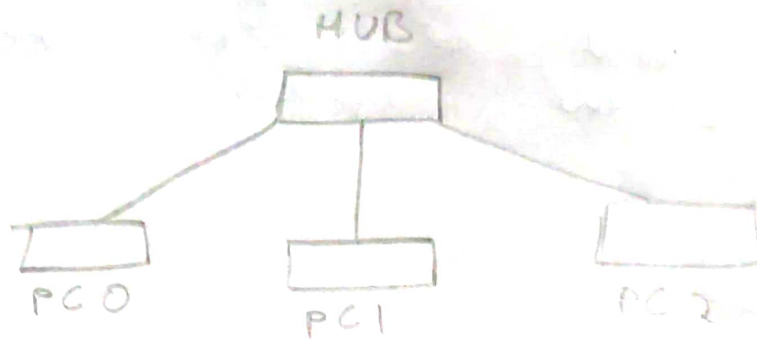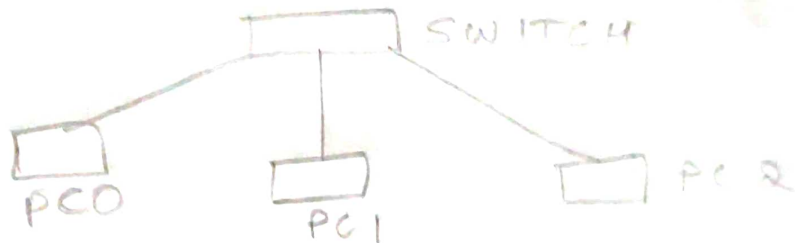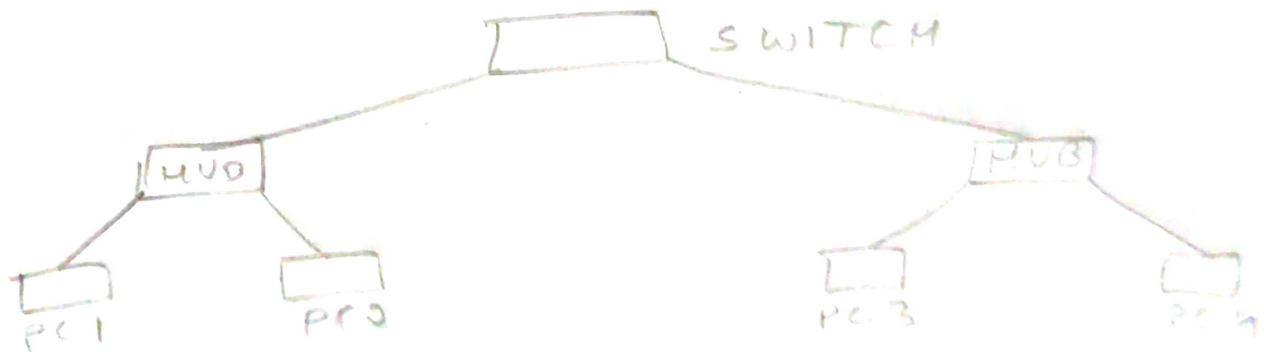

SWITCH
HUB   HUB
PC1   PC2   PC3   PC4

Procedure :

1) Connect two Lam's (two PC's to their respective HUB's)

2) connect these HUB's to the switch

3) Configure IPV4 of every PC and set it to static, sub net mask is set automatically.

- <u>Observations</u>:

1) The switch is a smart device and it sends the frame exactly to the destination MAC address without broadcasting it to the whole network

2) The HUB is a dumb device and it broadcasts a data frame across all devices and then it does the same to the replies