Vaishnav s

1bm18cs121

Procedure: for Hub → Connect the Computer to Hub.

→ Set up address of computer

for Switch → Connect the computer to Switch.

Configure up address.

for Switch-Hub-PC → Connect PCs to Hub.

→ Connect hubs to Switch.

→ Configure ups of Pc

Observation:

→ message sent through hub goes to Every node.

→ message sent through switch reaches specfied destination
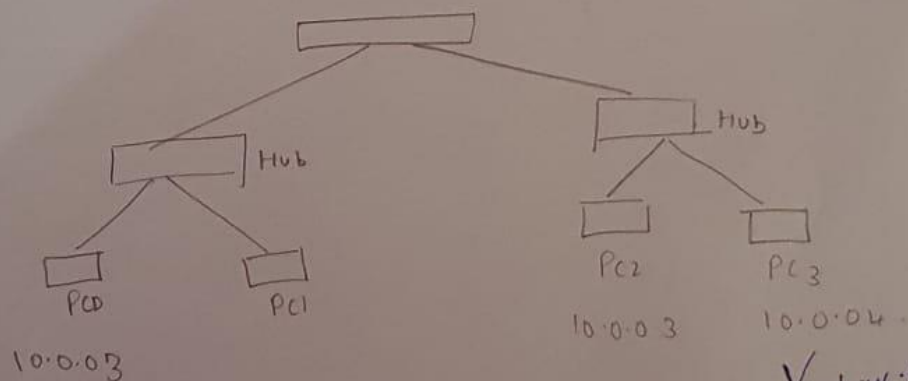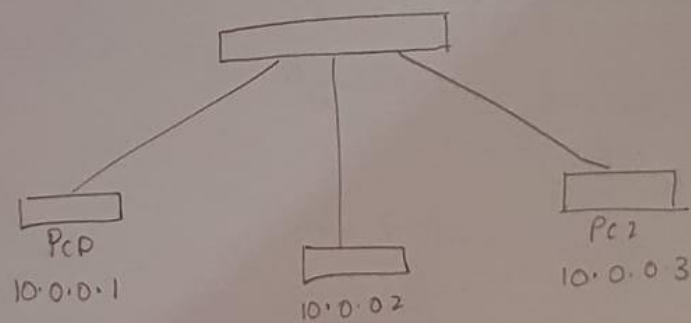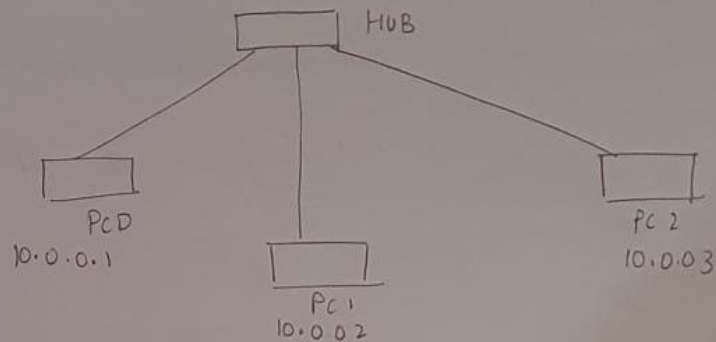
→ Switch is Smart device.

Vaishnav S

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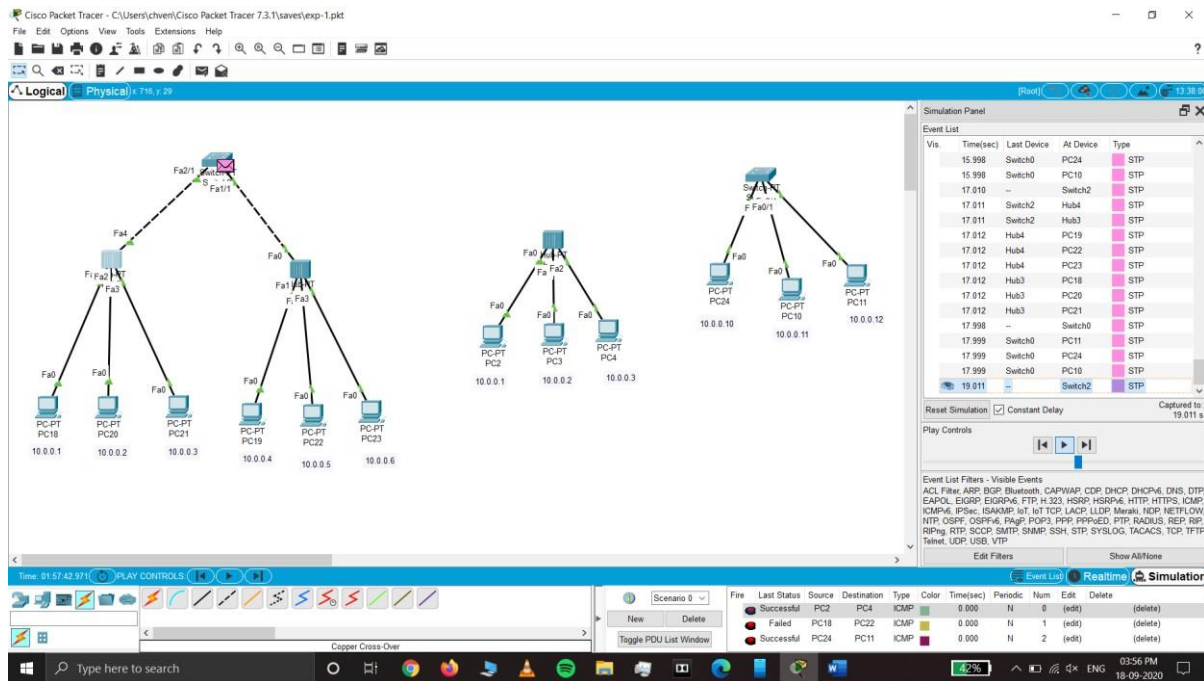IBM18CS121

Question: Demonstrate working of Switch, Hub

Aim : Learn Basic of network & connection

Topology:

HUB

PCD
10.0.0.1

PC 1
10.0.02

PC 2
10.0.03

PCD
10.0.0.1

10.0.02

PC2
10.0.03

Hub

PCD

PCl

10.0.03

Hub

PC2
10.0.03

PC3
10.0.04

Vaishav·s

SCREENSHOTS :

TOPOLOGY:

Fa2/1   Switch-PT
         Switch2
         Fa1/1

Fa4

Fa0

F; Fa2 RT   Fa1 ub-RT
     Fa3   F; Fa3

Fa0   Fa0   Fa0   Fa0   Fa0   Fa0

PC-PT   PC-PT   PC-PT   PC-PT   PC-PT   PC-PT
PC18   PC20   PC21   PC19   PC22   PC23

10.0.0.1   10.0.0.2   10.0.0.3   10.0.0.4   10.0.0.5   10.0.0.6