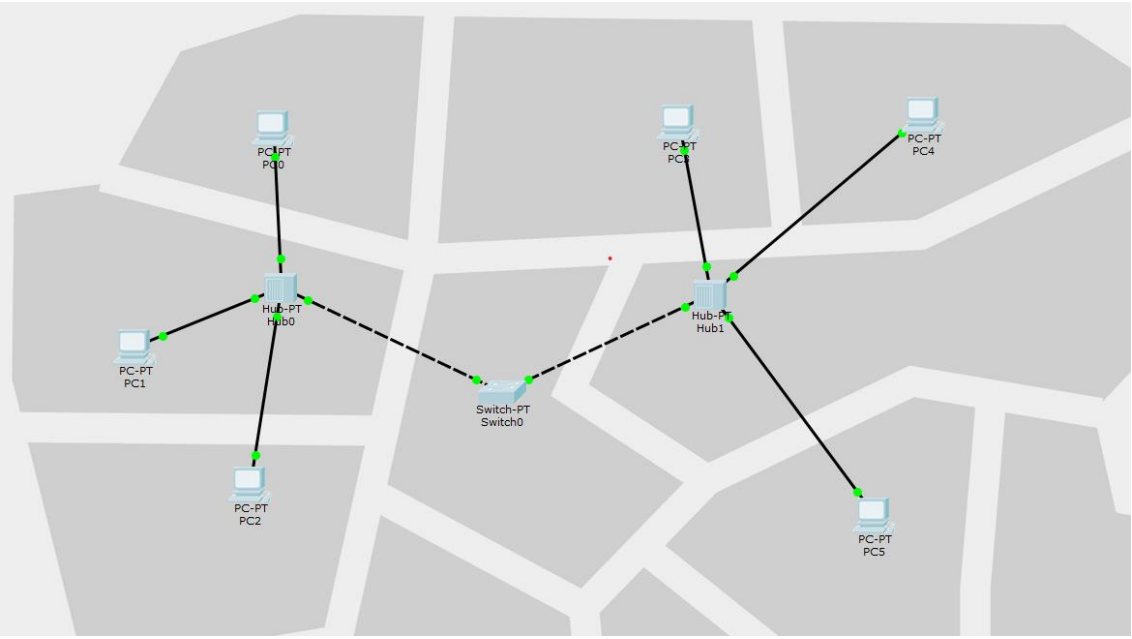
Experiment 1 1BM21CS199

Combination of hub and switch



OUTCOME:

If the packet is transferred from one network I.P address to another network I.P Address then the packet is not transferred.

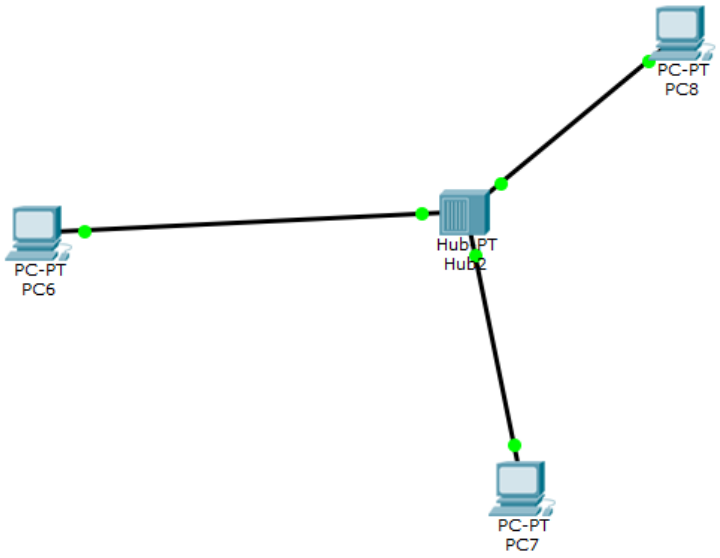
When the packet is transferred inside the own hub network then it is received by all the end devices.

When it is transferred through another hub then it is transferred to designated device.

Hub and end devices are connected through copper straight through wire.

Hub and switch is connected through copper cross over wire.

Hubs and end devices

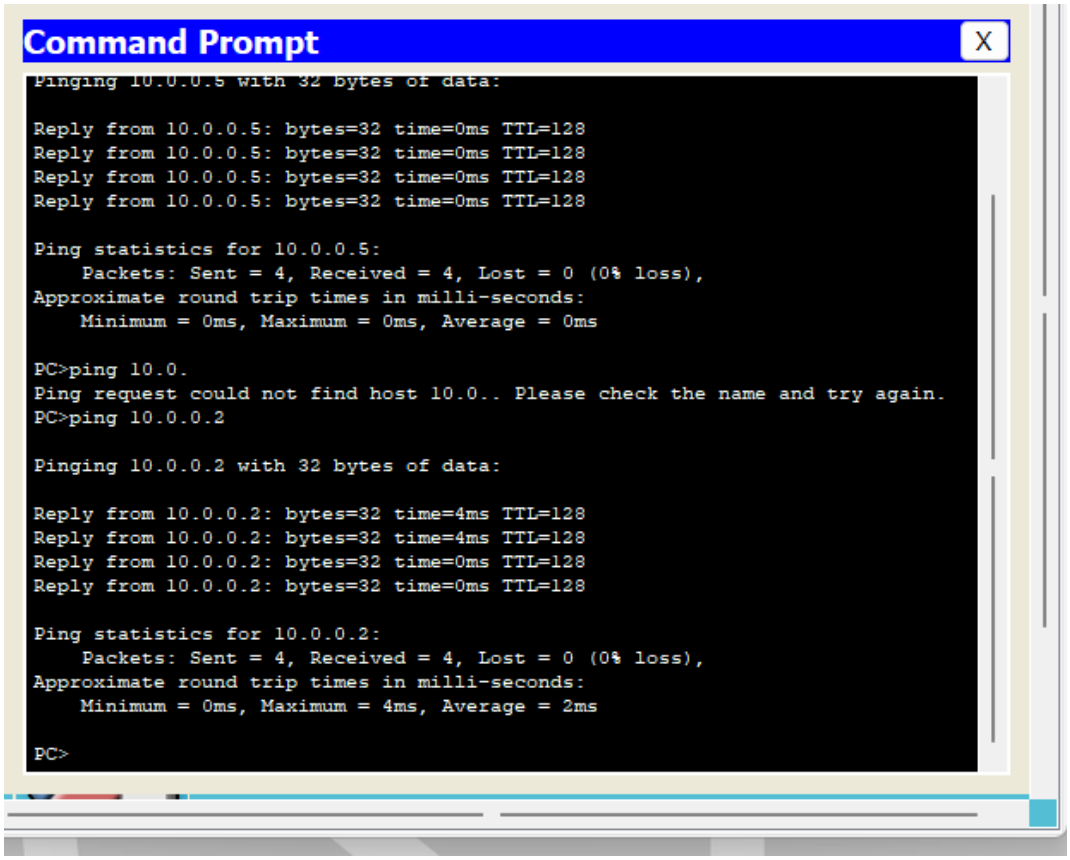


OUTCOME:

I.P address is unique.

Hubs send all the packets received to all the end devices connected.

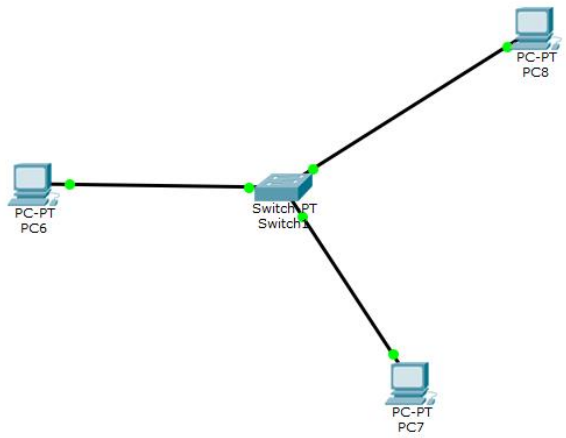
Pinging



OUTCOME:

Pinging is connecting in real time mode.

Switch with end devices



OUTCOME:

I.P address is unique.

Hubs send all the packets received to the designated end devices connected.