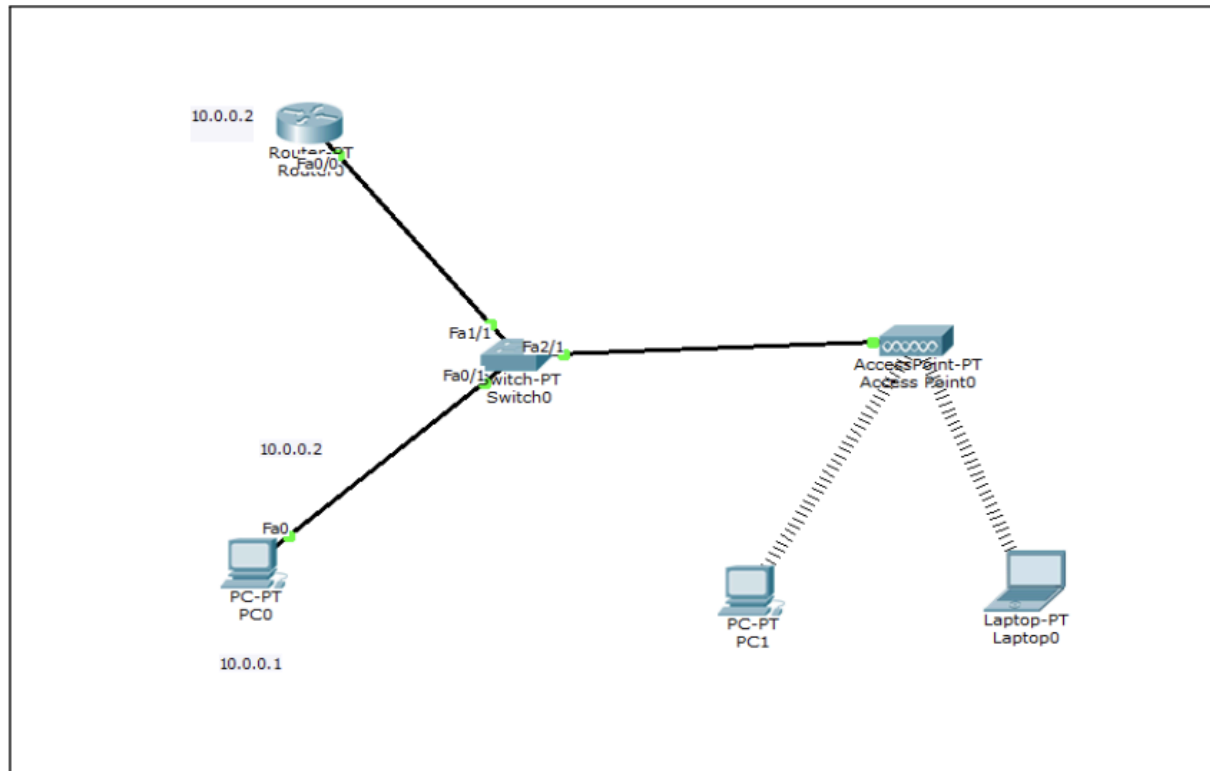


Experiment 11:
Q)CONSTRUCT WLAN AND MAKE NODES WIRELESS

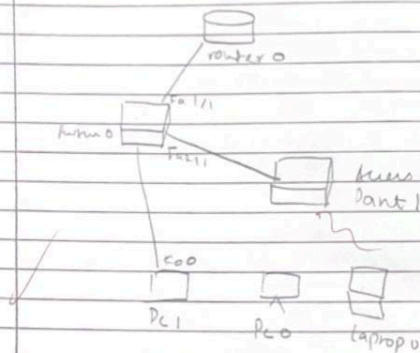


Experiment 11

- Construct a WLAN and make the nodes communicate wirelessly.

Aim: To construct WLAN and make the other nodes communicate wirelessly.

Topology:



Procedure

- Drag a switch and connect it to a PC, router and access point.
- Place PC0 and Laptop0 without any wired connection.
- Configure PC1 with IP address 10.0.0.2 & router1.

configure Access Point -

Port 2 → SSID Name → Enter any Name
select WTP and give any 40 digit key - 1234567890

configure PC0 & Laptop with wireless standard:

Switch: If other device. Drag the Existing PT-Port - NM-1M to the component used in the. Drag Wireless interface to the Empty Port Switch on the device.

- In the config tab, a new wireless interface would have been added. Now, configure SSID, WTP, WTPkey, IP address and gateway to the device.

Linking from every device to every other device & see results.

Observations

WLAN enables wireless network.

WLAN uses radio waves for communication.

WLAN connects devices wirelessly.

WLAN is a local area network.

It eliminates the need for physical cables.