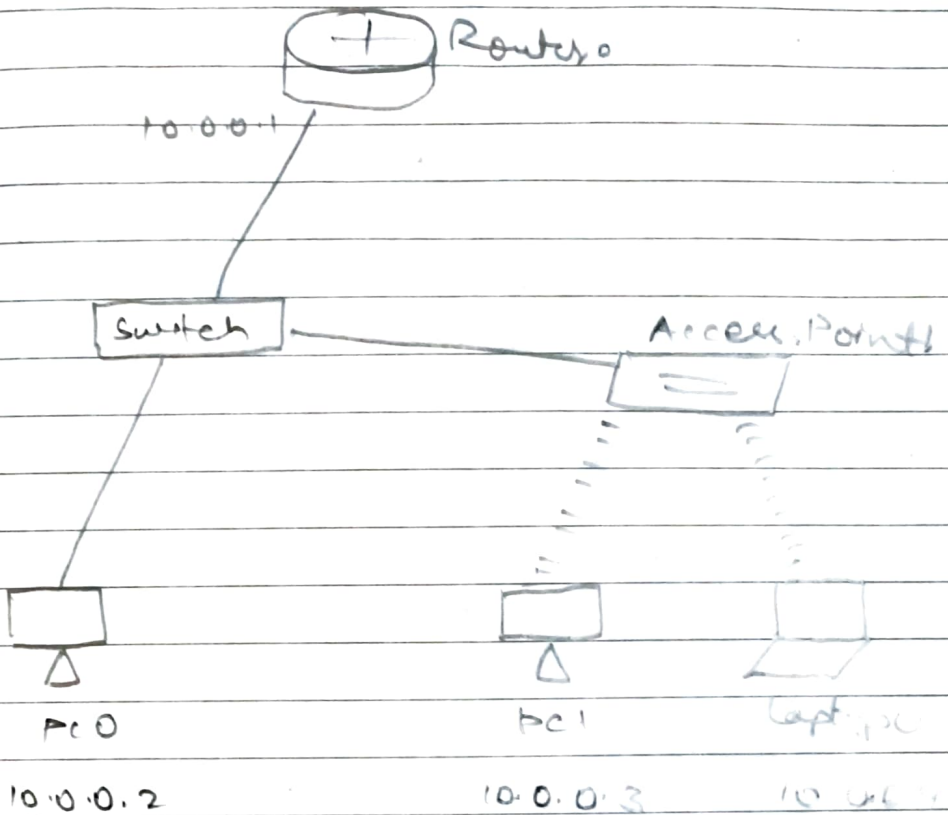LAB-12

- Objective: To construct WLAN and make the nodes communicate wirelessly.

- Topology:

- Procedure

i) Construct the above topology configure PC0 and Router as normally done

ii) Configure access-point 1 → Port → SSID Name
— any name (WLAN here)

iii) Select WEP and give any 10 digit hex key
(001234567890 here)

iv) configure PCI and laptop with wireless standards

v) In PCI
Switch off the device, drag the existing PT- HUST-NM-IAM to the component listed in LHS. Drag WMP300N wireless interface to the empty port. Switch On the device.

vi) In the config tab a new wireless interface would have been added. Now configure SSID, WEP key, IP address and gateway (as normally done) to the device.

vii) Do similar in laptop.

viii) Ping from every device to every other to check the result.

- Observation :
→ Device could connect to WLAN as long as they are in the network range.

→ Signal strength decreases with increase in distance.

→ Ping is successful.