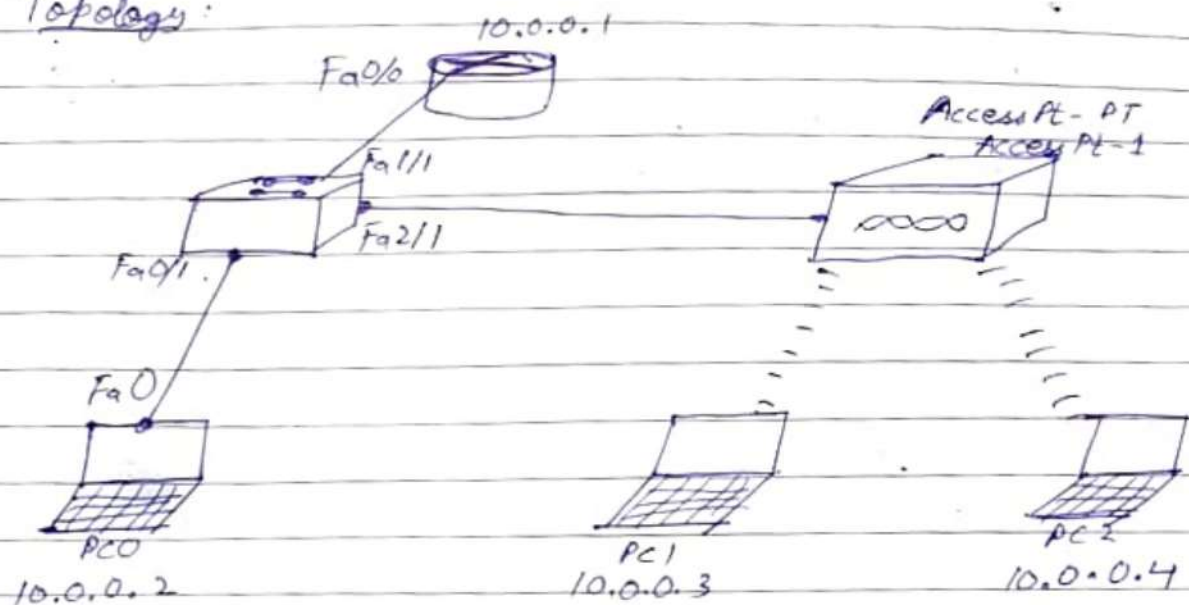


To construct a WLAN & make the nodes comm. wireless

### Topology:



### Procedure:

- ① Create the topology as shown above with PC, switch & router & Access Pt connected directly (wired conn.)
- ② Configure PC0 & router as normally done.
- ③ Config. the Accesspt. 1, Go to port 1 & Give SSID name - any name
- ④ Select WEP & give any 10 digit hex key -  
eg: 1234567890
- ⑤ Config PC1 & Laptop with wireless standards
- ⑥ Switch off the device, Drag the existing PT-HOST-NM-IAM to the component listed in the IHS. Drag WMP300N wireless interface to empty port. Switch on the device.

- ② In the config tab, a new wireless interface would have been added. Now config. ssid, WEP, WEP Key, IP address & gateway (as normally done) to the device.

### OBSERVATION.

Wireless connection is established <sup>with</sup> the PCs & the Laptop.

### OUTPUT.

ping 10.0.0.3

ping 10.0.0.3 with 32 bytes of data :

Reply from 10.0.0.3: 32 bytes time=15ms TTL=128

Reply from 10.0.0.3: 32 bytes time=15ms TTL=128

Reply from 10.0.0.3: 32 bytes time=15ms TTL=128

Reply from 10.0.0.3: 32 bytes time=15ms TTL=128

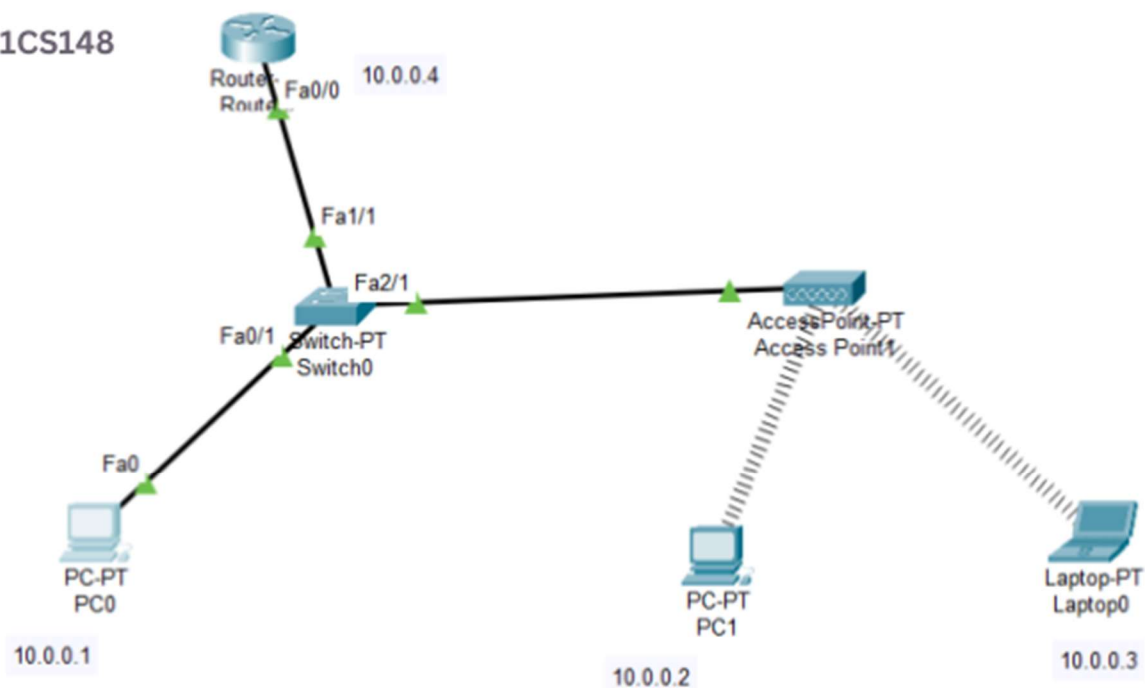
ping statistics for 10.0.0.3

packets sent=4, received=4, lost=0 (0% loss)

8/0

1/9/23

1BM21CS148



Physical Config **Desktop** Programming Attributes

Command Prompt

Cisco Packet Tracer PC Command Line 1.0

C:\>PING 10.0.0.3

Pinging 10.0.0.3 with 32 bytes of data:

Request timed out.

Reply from 10.0.0.3: bytes=32 time=48ms TTL=128

Reply from 10.0.0.3: bytes=32 time=40ms TTL=128

Reply from 10.0.0.3: bytes=32 time=27ms TTL=128

Ping statistics for 10.0.0.3:

Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),

Approximate round trip times in milli-seconds:

Minimum = 27ms, Maximum = 48ms, Average = 38ms

C:\>|