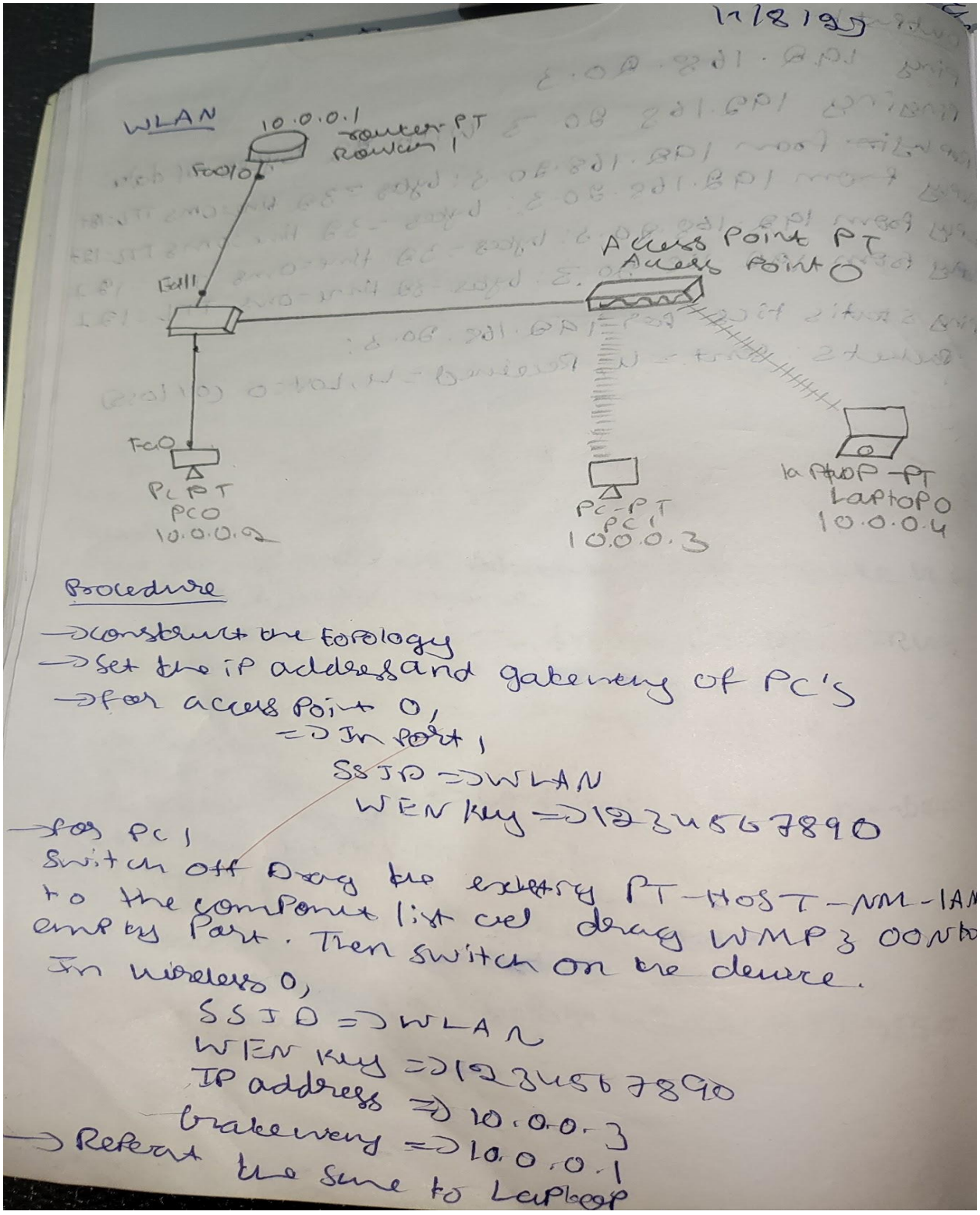
To construct a WLAN and make the nodes communicate wirelessly



Procedure

→ Construct the topology
→ Set the IP address and gateway of PC's
→ For access Point 0,
=> In port 1,
SSID => WLAN
WEP Key => 1234567890
→ For PC 1
Switch off. Drag the existing PT-HOST-NM-1AM to the component list and drag WMP300N to empty port. Then switch on the device.
In wireless 0,
SSID => WLAN
WEP Key => 1234567890
IP address => 10.0.0.3
Gateway => 10.0.0.1
→ Repeat the same to Laptop

→ Pings the device.

Output:

Ping 10.0.0.3

Pinging 10.0.0.3 with 32 bytes of data:

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

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

Reply from 10.0.0.3 : bytes = 32 time=8ms TTL:128

Reply from 10.0.0.3 : bytes = 32 time=11ms TTL:128

Ping Statistics for 10.0.0.3:

Packet : Sent = 4, Received = 4, Lost = 0

Approximate round trip times in milli seconds:

minimum = 6ms, maximum = 15ms, Average 10ms.

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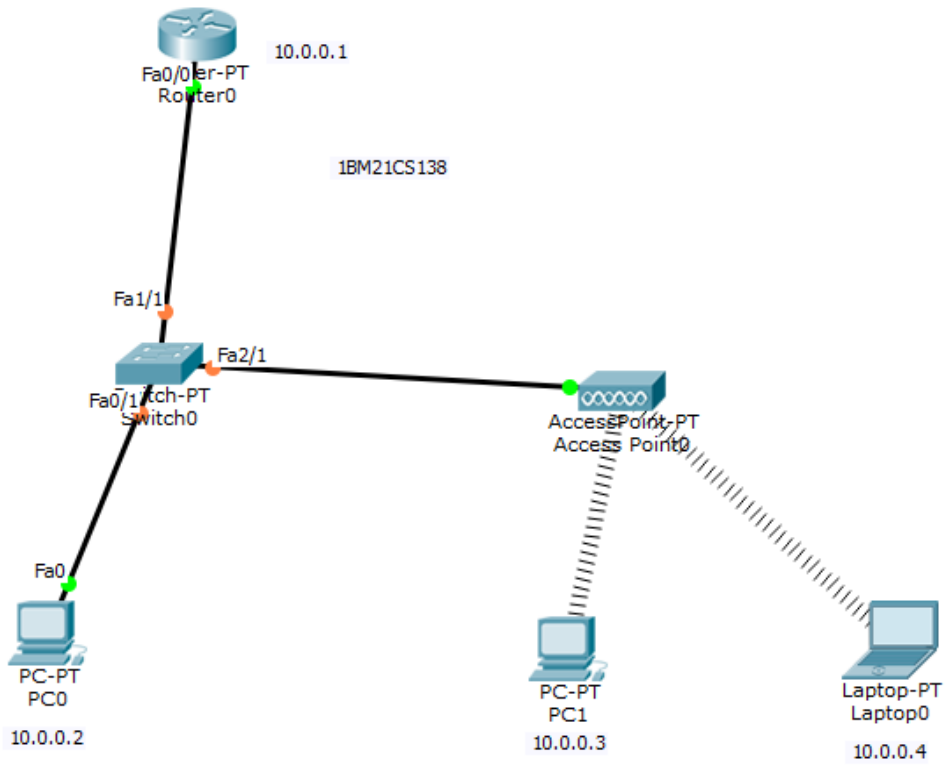
Topology:



Output:

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:\>
```