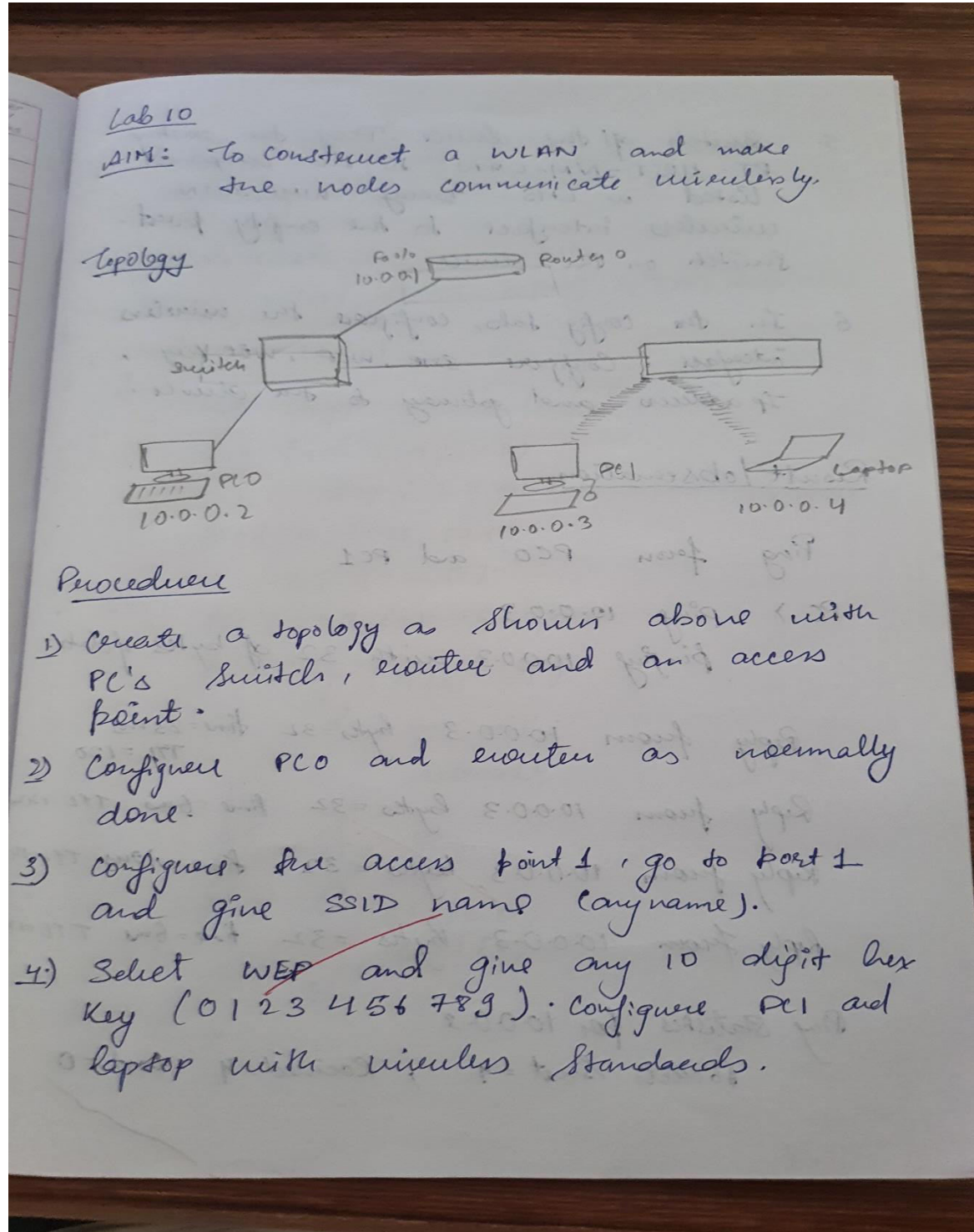


CN LAB 12

AIM: To construct a WLAN and make the nodes communicate wirelessly.

OBSERVATION:



5. Switch off the device. Drag the existing PT-HOST-NM-LAN to the component listed in LHS. Drag WMP 300N wireless interface to the empty port. Switch on the device.

6. In the config tab, configure the wireless interface. Configure SSID, WEP, WEP Key, IP address and gateway to the device.

Result / observation

Ping from PC0 and PC1

PC1 > Ping 10.0.0.3

Pinging 10.0.0.3 with 32 of bytes of data:

Reply from 10.0.0.3 bytes=32 time=23ms
TTL=120

Reply from 10.0.0.3 bytes=32 time=6ms TTL=120

Reply from 10.0.0.3 bytes=32 time=10ms TTL=120

Reply from 10.0.0.3 bytes=32 time=6ms TTL=120

Ping statistics for 10.0.0.3

Packets Sent = 4, Received = 4, Lost = 0

SCREENSHOTS:

The top screenshot shows a network topology in Cisco Packet Tracer. The network consists of the following components and connections:

- Router-PT Router0** (IP: 10.0.0.1) connected to **Switch-PT Switch0** (Fa1/1 to Fa2/1).
- Switch-PT Switch0** connected to **PC-PT PC0** (IP: 10.0.0.2) via Fa0/1.
- Switch-PT Switch0** connected to **AccessPoint-PT Access Point0** via Fa0/1.
- AccessPoint-PT Access Point0** connected to **PC-PT PC2** (IP: 10.0.0.3) and **Laptop-PT Laptop1** (IP: 10.0.0.4) via wireless connections.

The bottom screenshot shows the **PC1** configuration window, specifically the **Physical** tab. It displays the **Physical Device View** of the **WMP300N** module. The view includes a list of modules on the left, zoom controls (Zoom In, Original Size, Zoom Out) at the top, and a detailed image of the module in the center. Below the image are buttons for **Customize Icon in Physical View** and **Customize Icon in Logical View**. A text box at the bottom states: "The Linksys-WMP300N module provides one 2.4GHz wireless interface suitable for connection to wireless networks. The module supports protocols that use Ethernet for LAN access."

