PROGRAM12: To construct a WLAN and make the nodes communicate wirelessly
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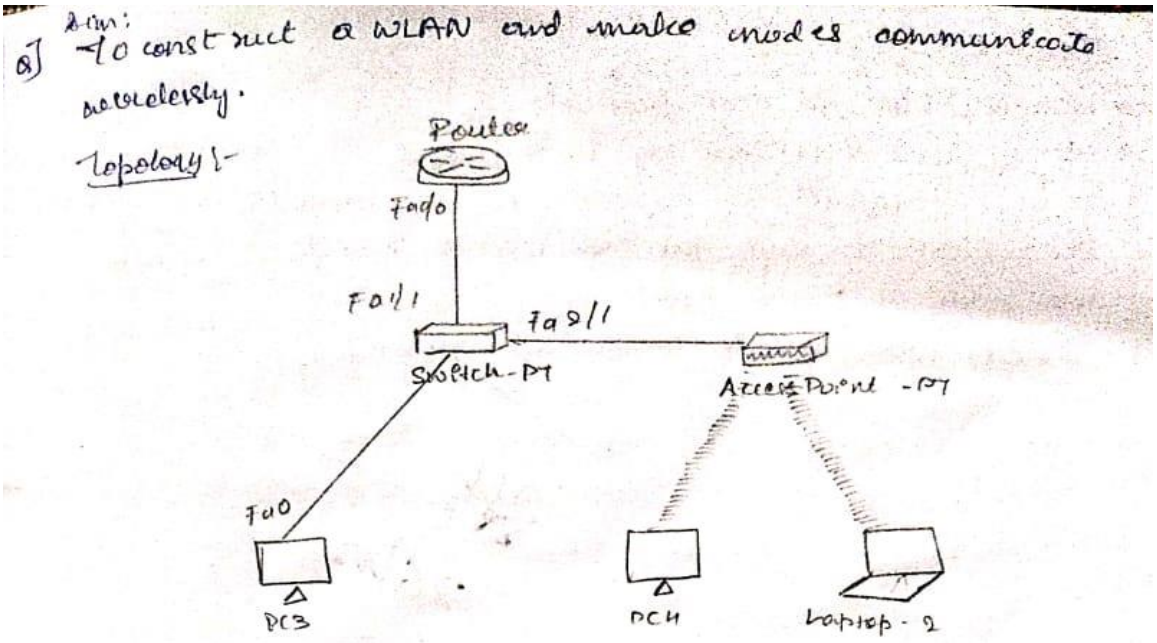
OBSERVATION:



Procedure :-

* Select the router and connect it to a switch.
* Connect PC to the switch.
* Select Access Point-PT from the wireless devices and connect it to switch.
* Configure Access Point (- Port 1 - SSID Name as name any name.
* Select WEP and give any 10 digit hexa key
* Configure PC4 and laptop with wireless standards.
* Go to PC4 switch off the device. Drag existing PT-HOST-NM-1AM to the component listed in the LHS.
* Drag WMP300N wireless interface to empty port.
* Switch on the device.
* Repeat for the same for Laptop also.
* Ping from every wireless device to every other device and observe the results.

Observation :-

* Wireless LAN uses WEP protocol.
* It requires SSID and key to be present
* It uses AccessPoint to establish wireless connection.
* The wireless in config tab new wireless interface have been added to PC and laptop
* Devices were able to communicate successfully.

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TOPOLOGY AND OUPUT: