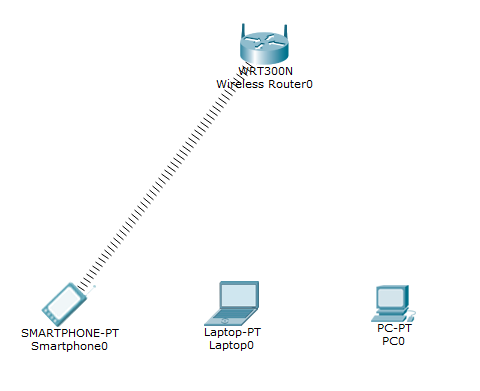
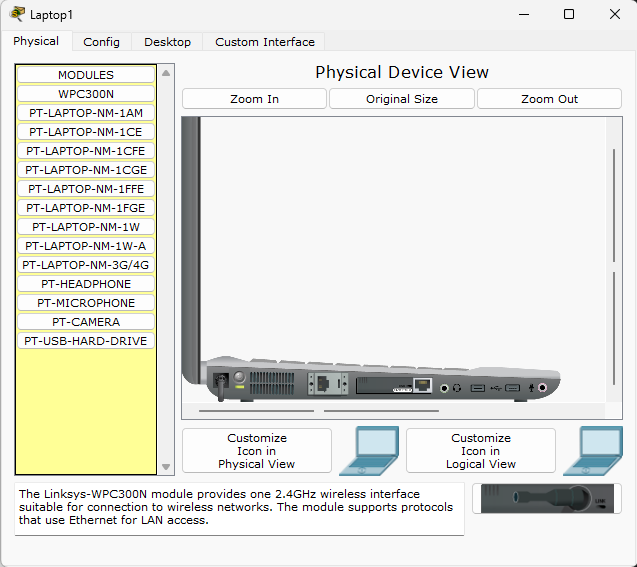
**Computer Network Lab By Abhay NY**

**Week 7**

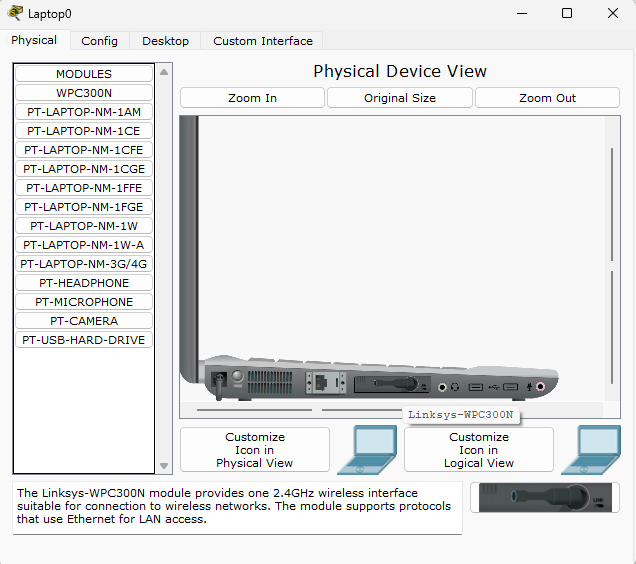
**To construct a WLAN and make the nodes communicate wirelessly**

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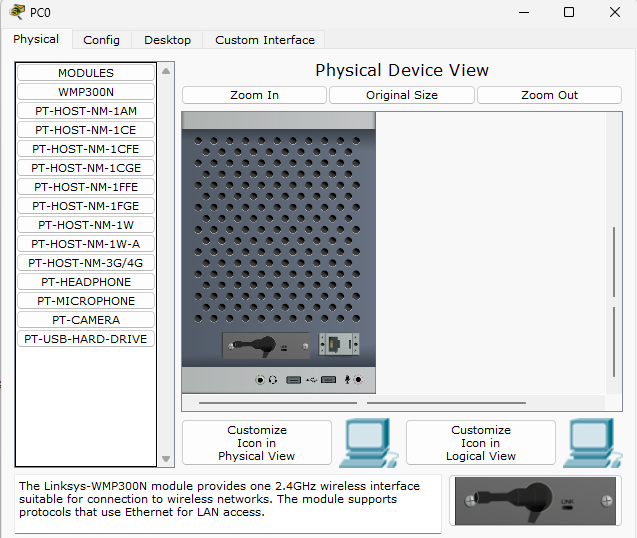
Drag all the above components smart phone, laptop, PC0 and wireless router WTT300N

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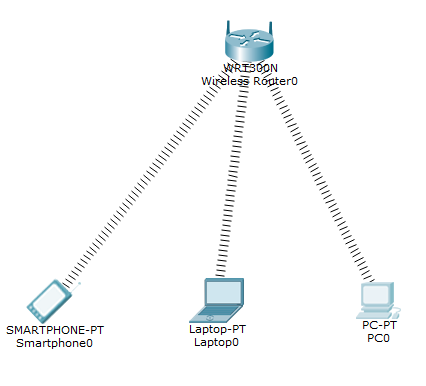
Go the the laptop click on it -> physical -> turn off the laptop and drag out the Ethernet port and place the wireless one.

****

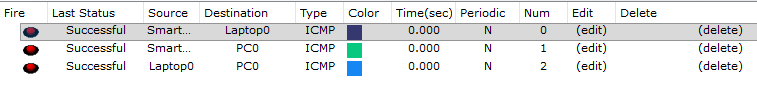
Once done turn on the laptop

****

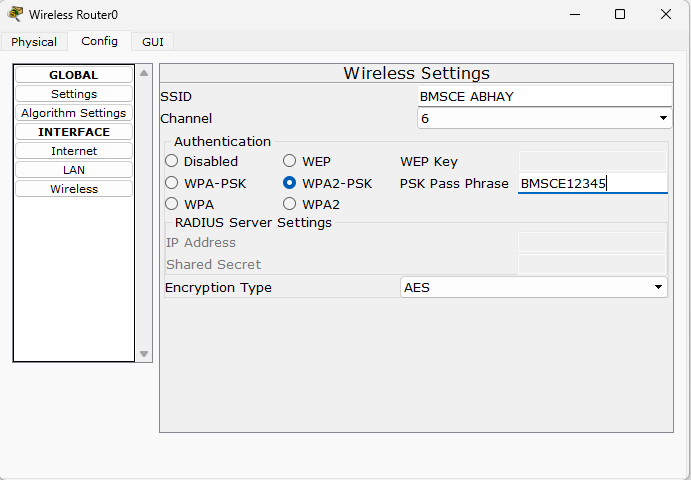
Go the PC0 click on it -> physical -> turn off the PC0 and drag out the Ethernet port and place the wireless one which is in the bottom right.

****

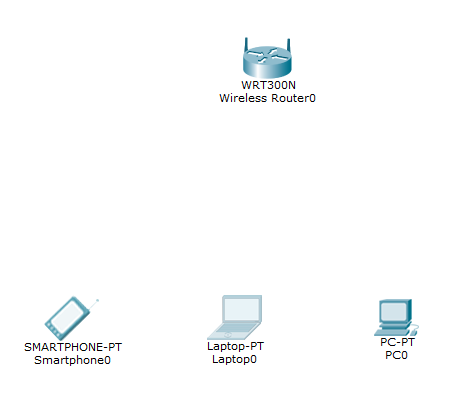
As you can see the wireless connection is successful.

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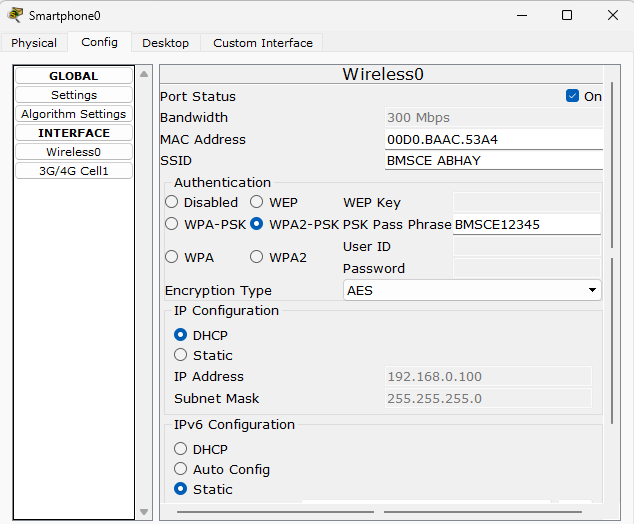
You can check by sending the packets from one component to the other component. If it says successful the configurations are successful.

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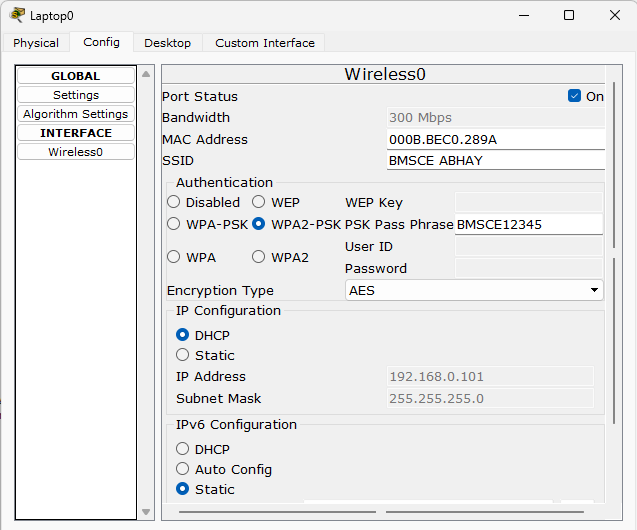
In the wireless router -> config -> settings -> enter the SSID and turn on WPA1-PSK and enter the pass phrase : BMSCE12345.

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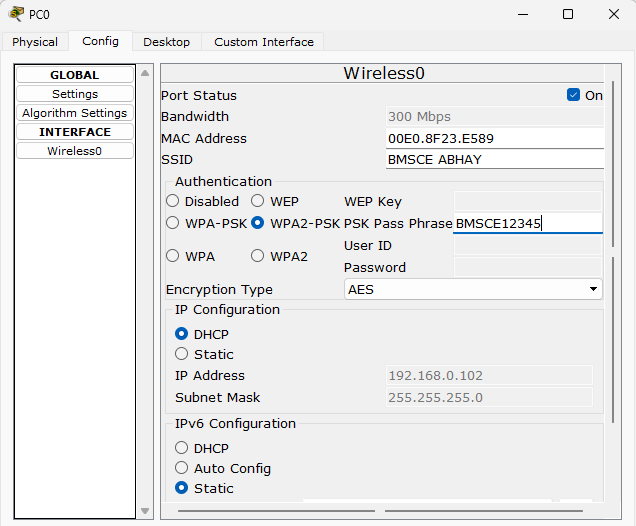
Since the smart phone, laptop and PC are not configured. The connections will not be established.

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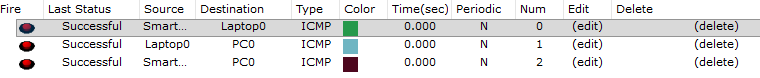
Click on smartphone -> config -> Wireless0 -> enter the SSID and the authentication type and pass phrase NOTE the SSID and the pass phrase should be same as the Wireless one.

****

Click on Laptop0 -> config -> Wireless0 -> enter the SSID and the authentication type and pass phrase NOTE the SSID and the pass phrase should be same as the Wireless one.

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Click on PC0 -> config -> Wireless0 -> enter the SSID and the authentication type and pass phrase NOTE the SSID and the pass phrase should be same as the Wireless one.

****

Once the connections are done send the packet from one component to the other to check if the connections are successful.