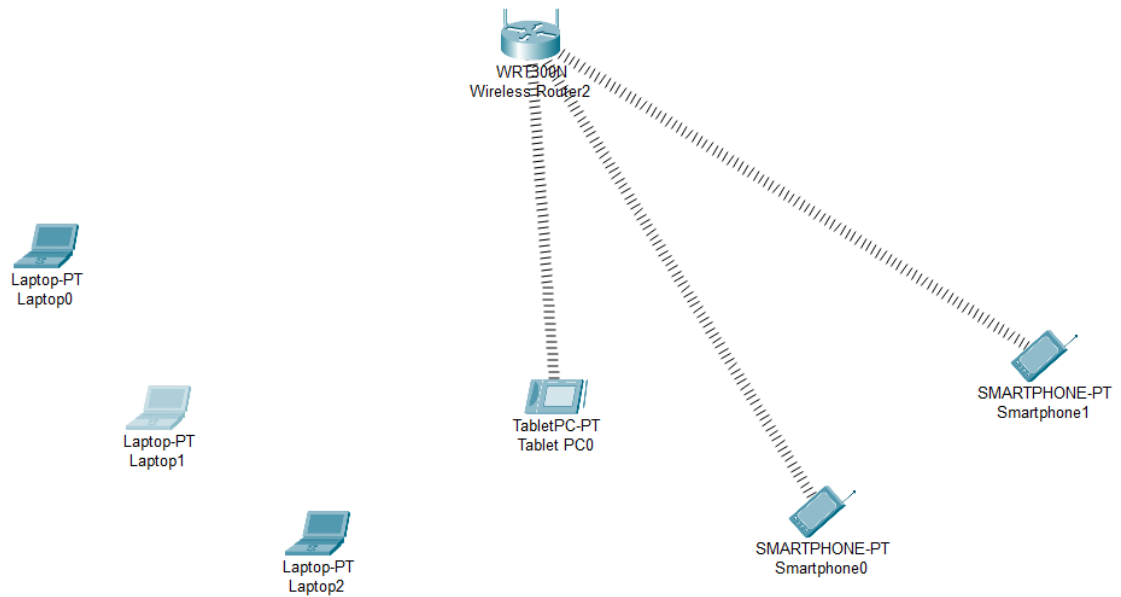


Practical 8

Aim: Create MAC protocol simulation implementation for wireless sensor Network

Basic Setup:

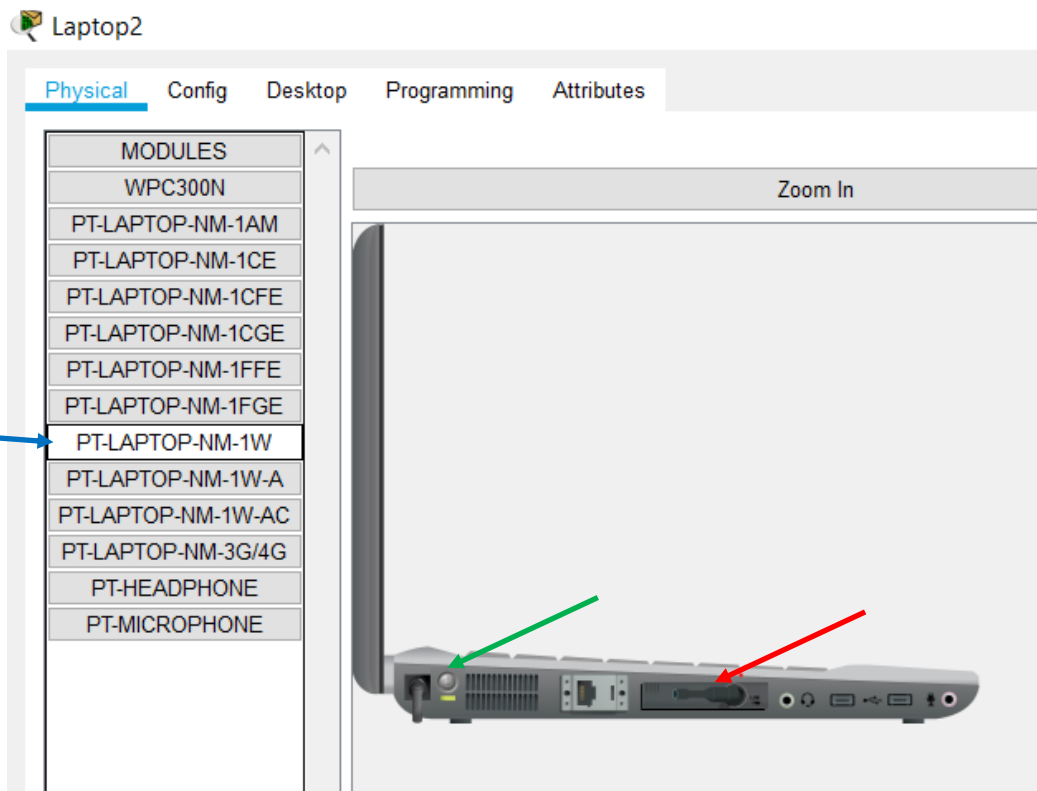


1. Click on every laptop & change the interference interface to PT-LAPTOP-NM-1W

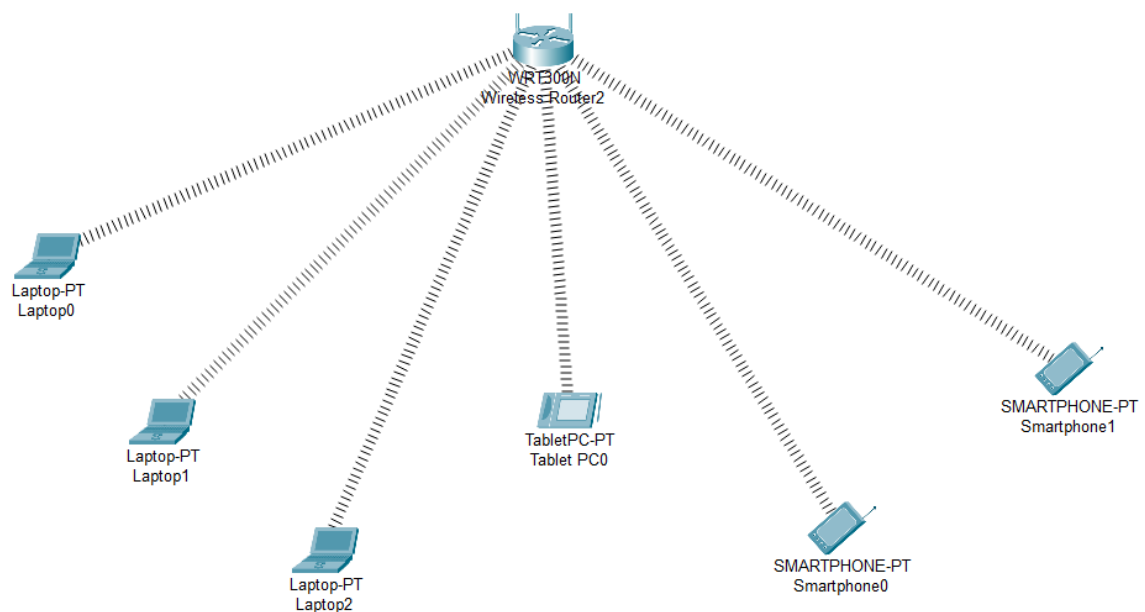
Turn off the PC(green arrow)

Remove the existing interface(red arrow)

Put the new interface PT-LAPTOP-NM-1W(blue arrow) & turn on the Laptop

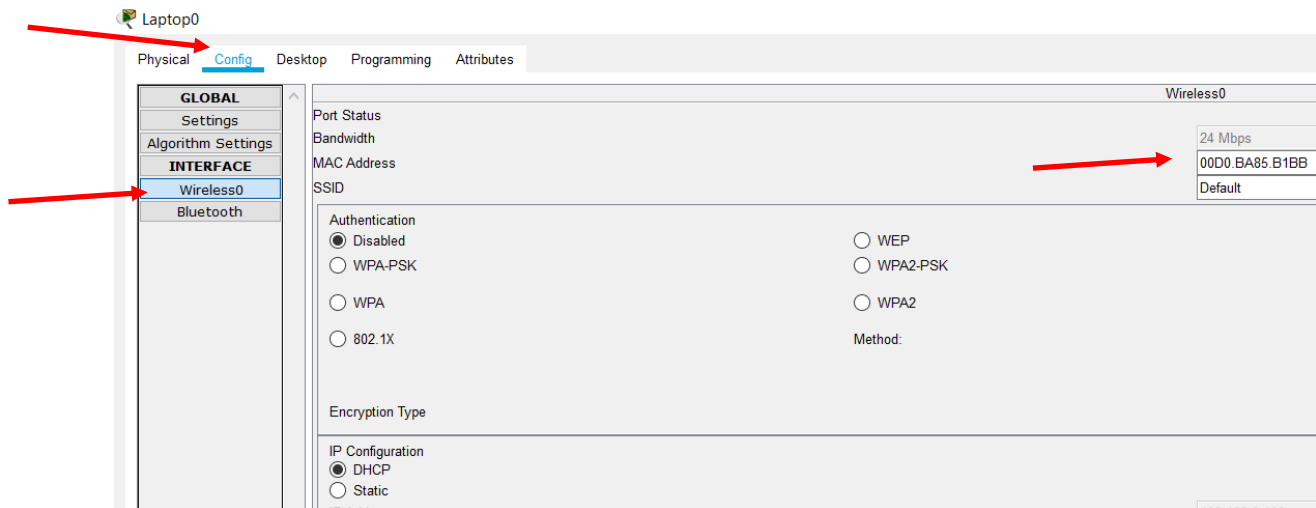


After step 1 the setup looks like:



2. Copy the MAC address of each component as follows

Click on component → Config → Wireless0 then,
Copy the MAC Address & paste it somewhere (eg. Notepad)



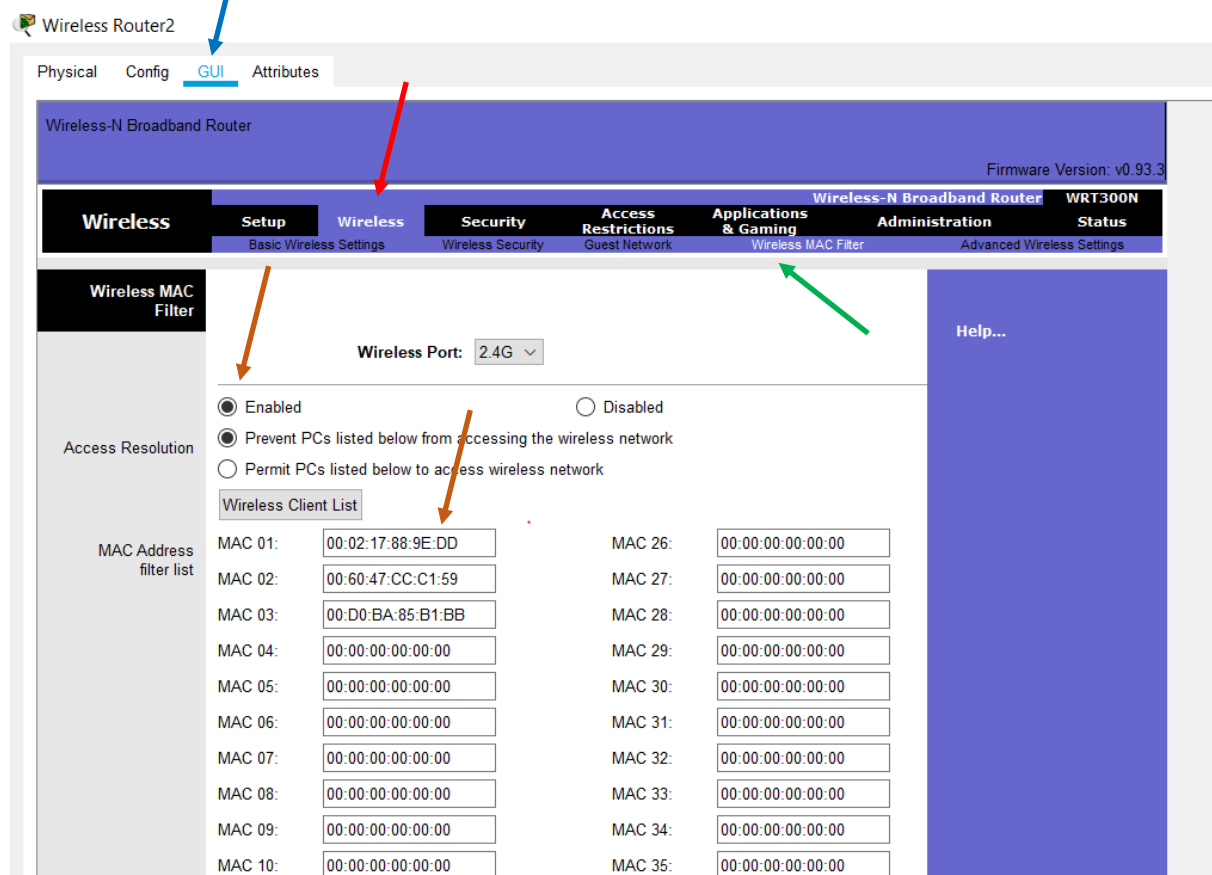
3. Now we add few addresses in the wireless MAC filter of the Wireless Router and

then use the given options for either allow or deny the Wireless access

To do so:

Click on Router → GUI → Wireless → Wireless MAC filter

Then click on enabled (brown arrow) & give the MAC addresses as 00:D0:BA:85:B1:BB (put “ : ” colon after each 2 digits in MAC address) & hit enter button



Then scroll down & click on Save settings

Output: depends on how many MAC addresses you put

