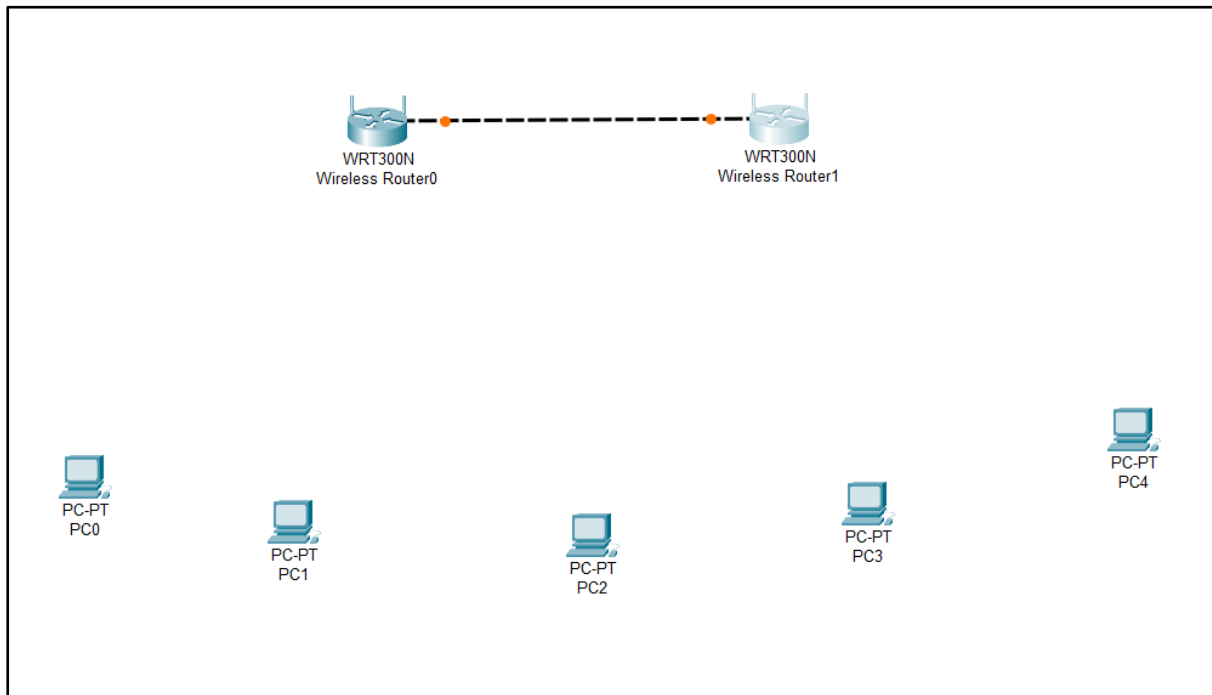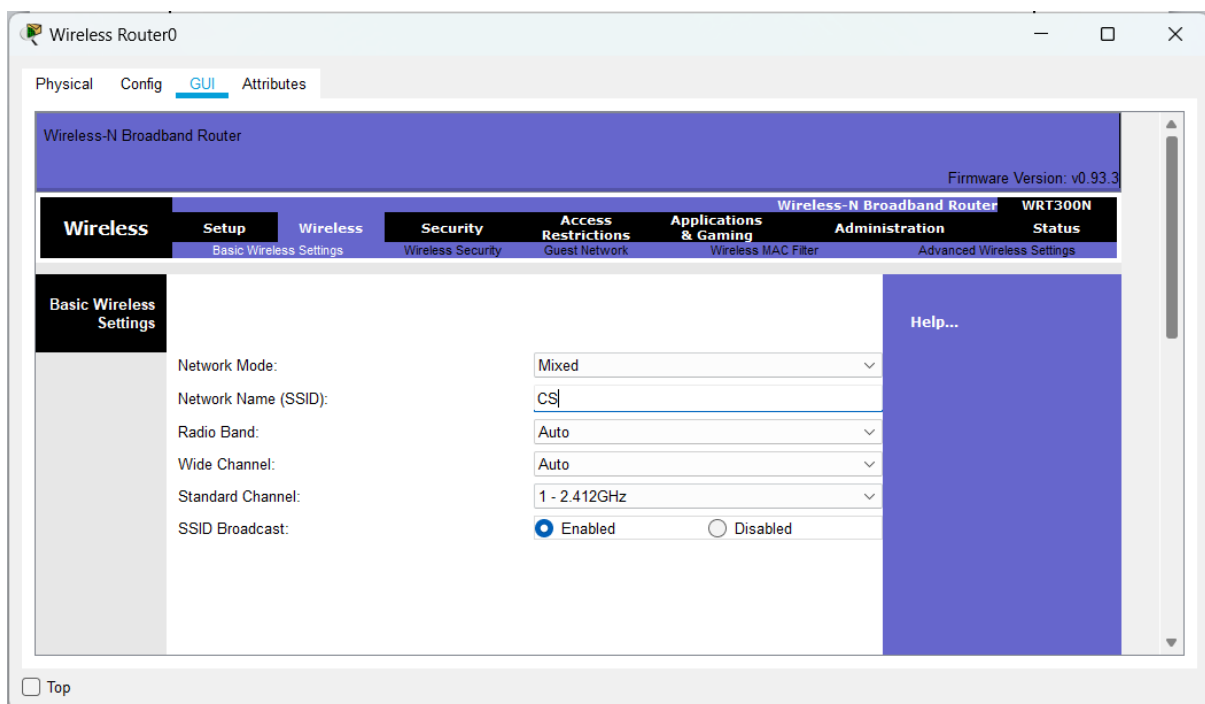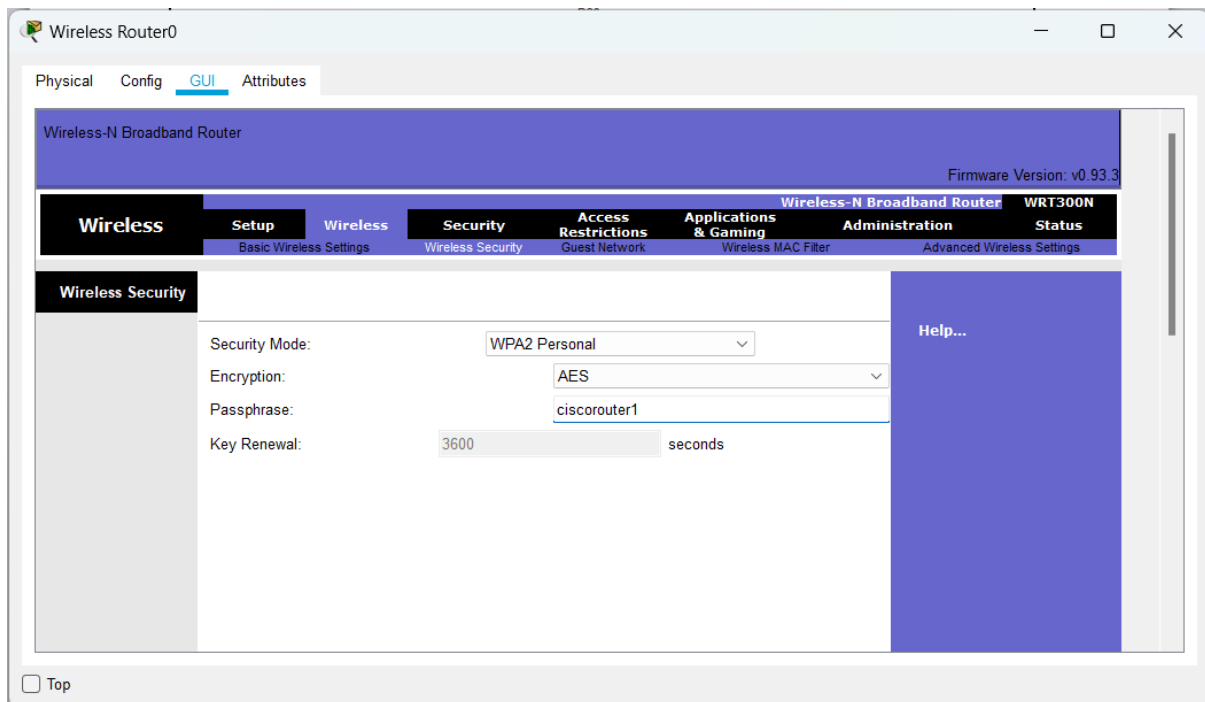# Practical No:

Aim: Creating an Adhoc Network

Step 1: Take Components and Arrange like this. Connect both routers with each other with copper cross over cable.
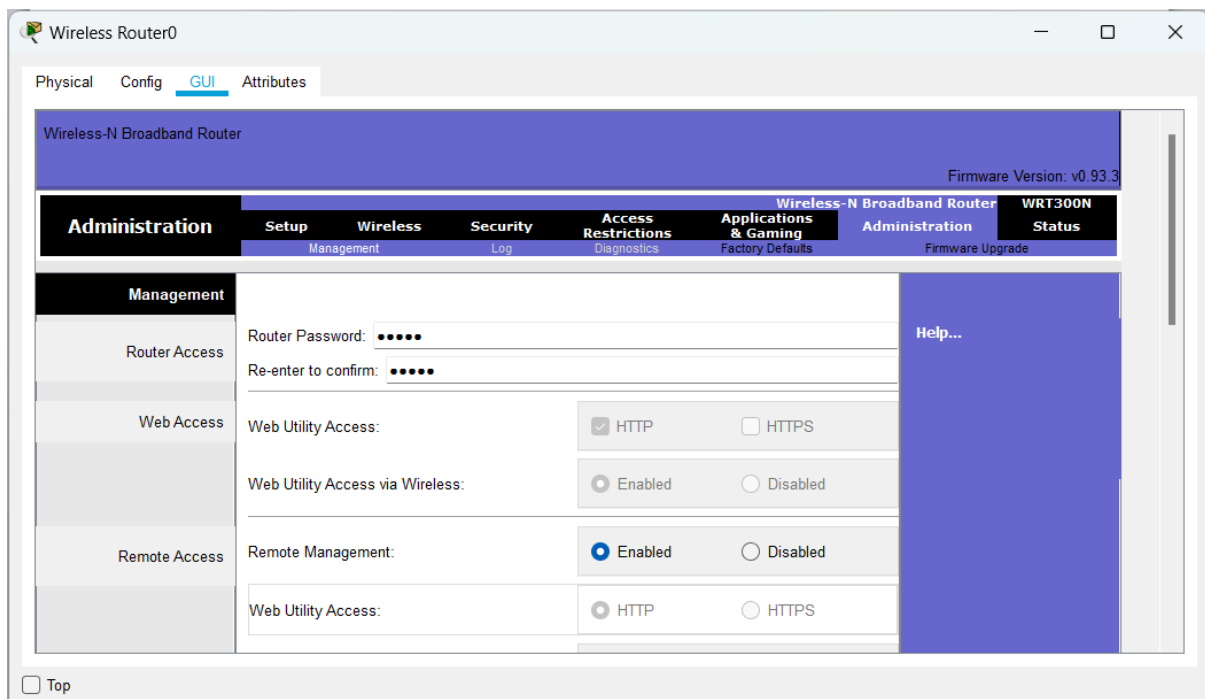

Step 2: Click on the Wireless Router0 > GUI > Wireless > Basic Wireless Settings > Change Network Name (SSID) to **CS**. Click on Save Settings.

Step 3: Click on the Wireless Router0 > GUI > Wireless > Wireless Security > Change Security Mode to WPA2 Personal. Add Passphrase as **ciscorouter1.** Click on Save Settings.

Step 4: Click on the Wireless Router0 > GUI > Administration > Management > Enabled Remote Management. Click on Save Settings.

Step 5: Click on the Wireless Router1 > GUI > Wireless > Basic Wireless Settings > Change Network Name (SSID) to **IT**. Click on Save Settings.
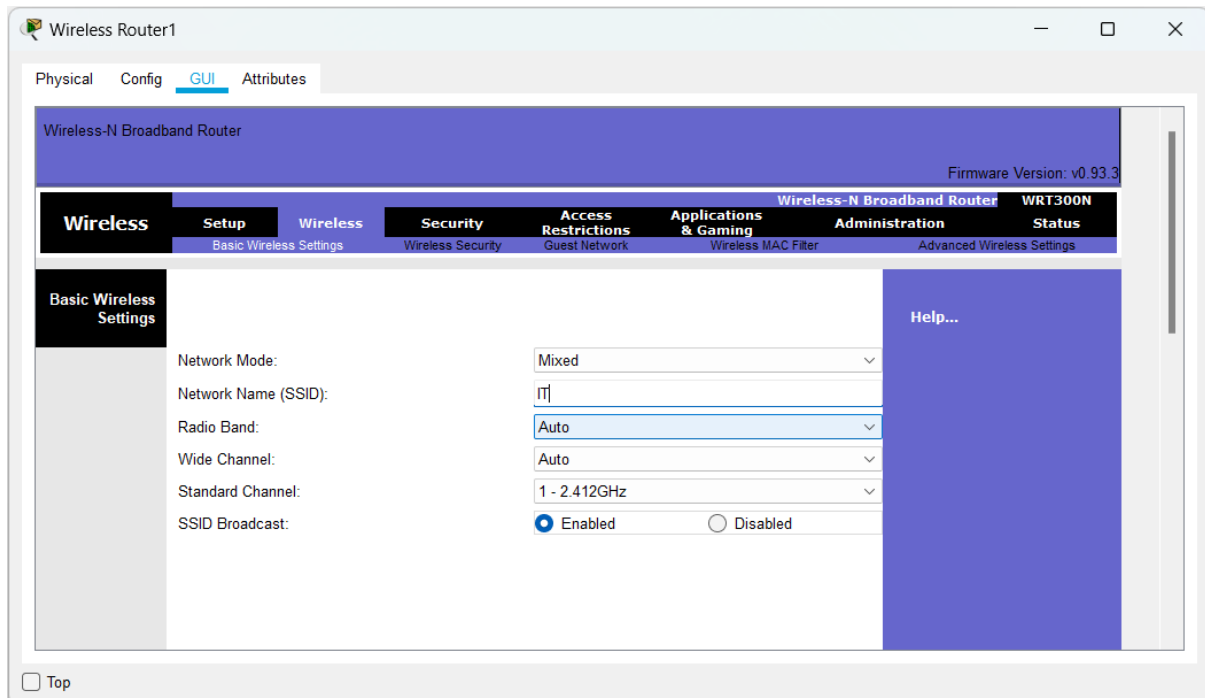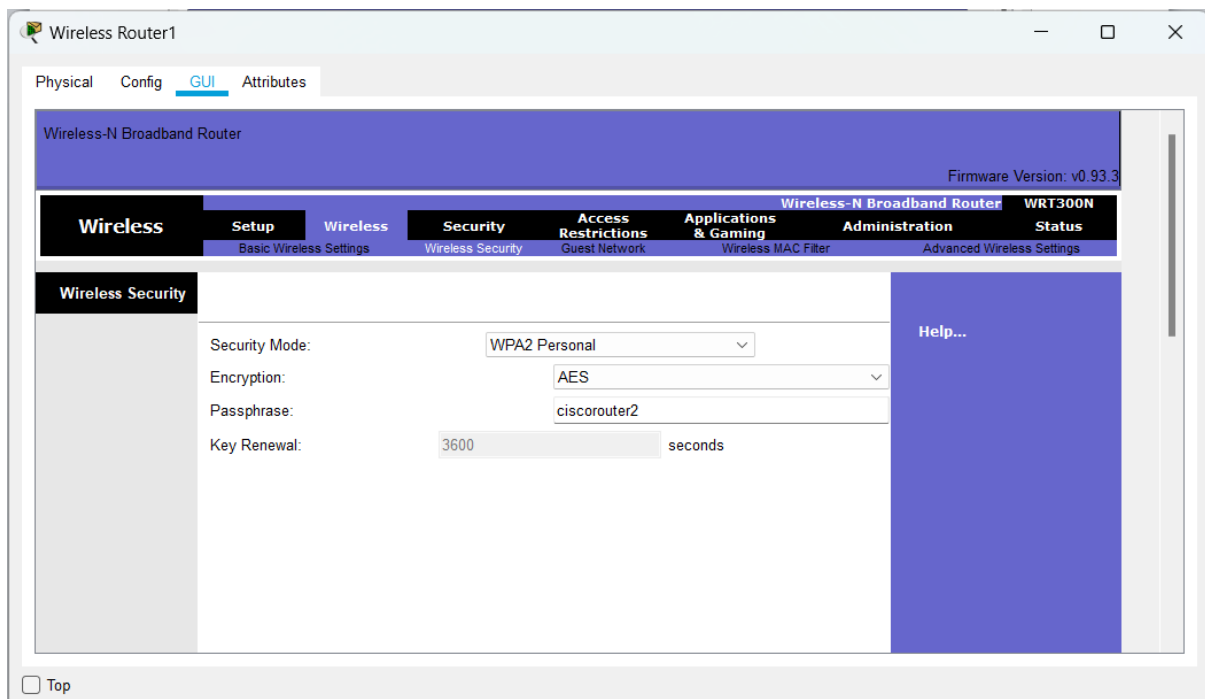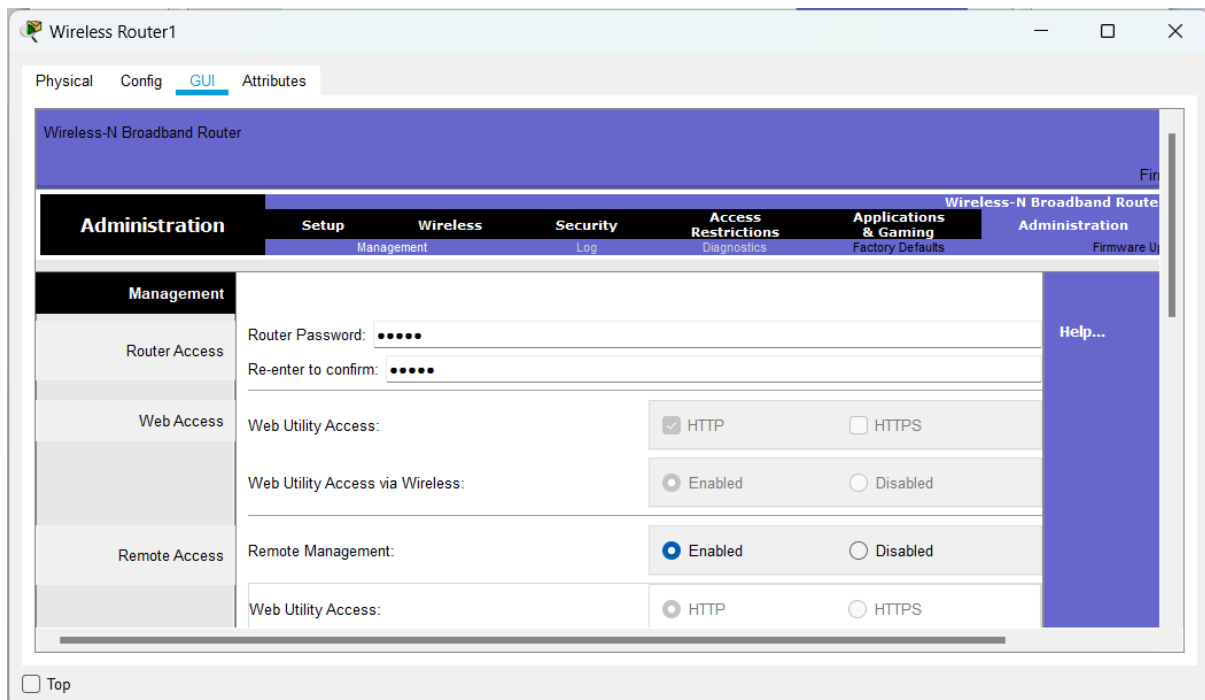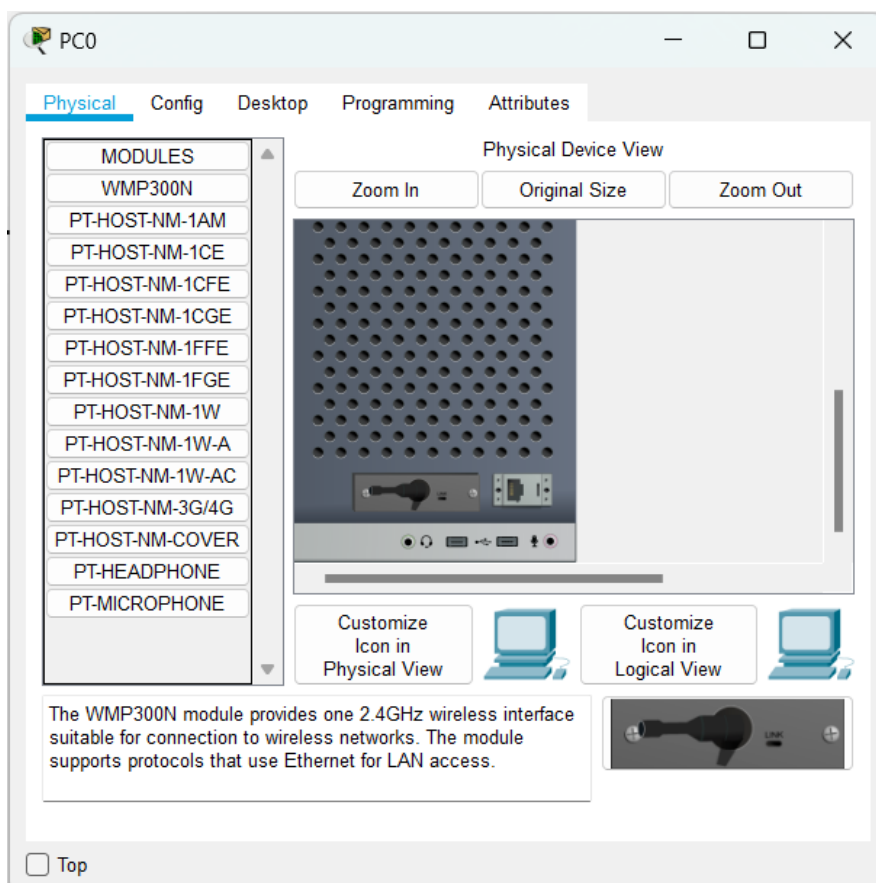

Step 6: Click on the Wireless Router1 > GUI > Wireless > Wireless Security > Change Security Mode to WPA2 Personal. Add Passphrase as **ciscorouter2.** Click on Save Settings.
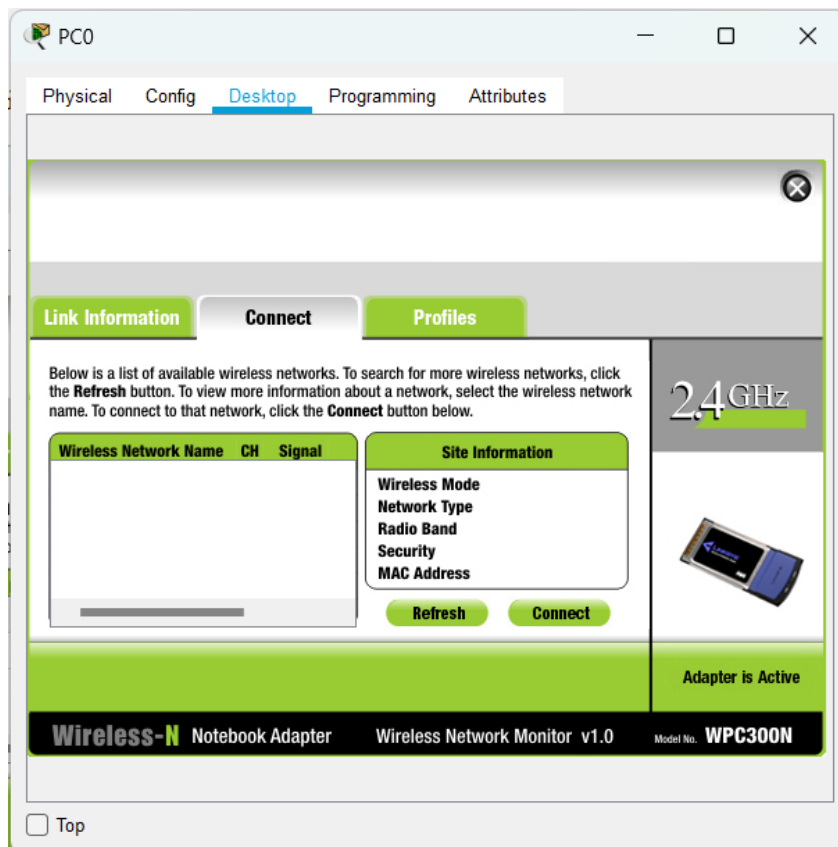
Step 7: Click on the Wireless Router0 > GUI > Administration > Management > Enabled
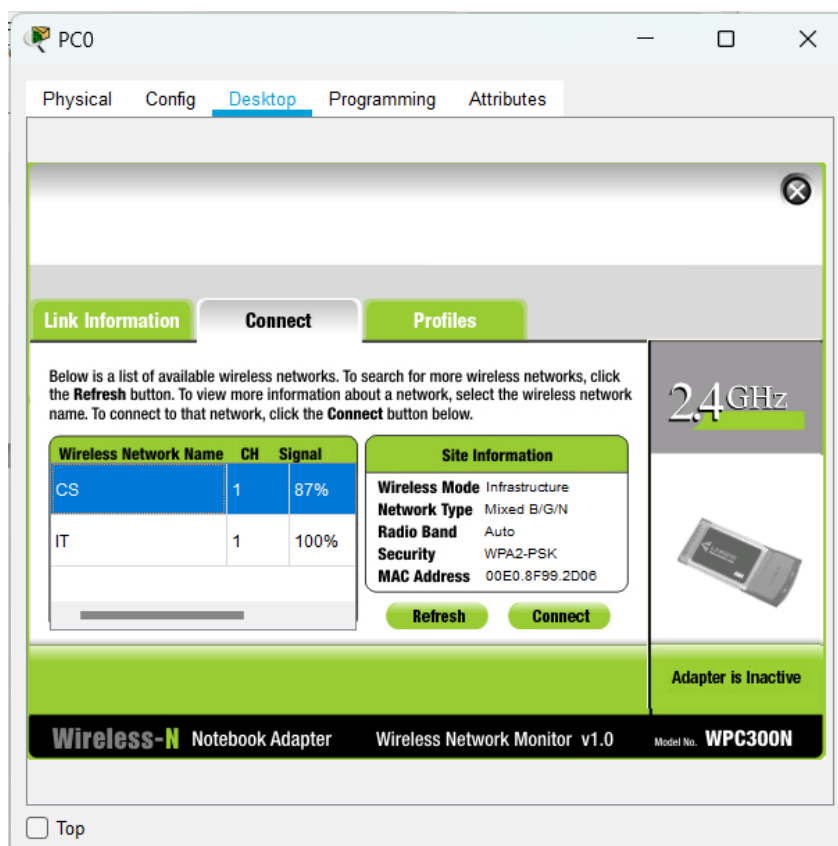Remote Management. Click on Save Settings.

Step 8: Click on PC0 > Physical > Turn OFF the PC > remove previous component and
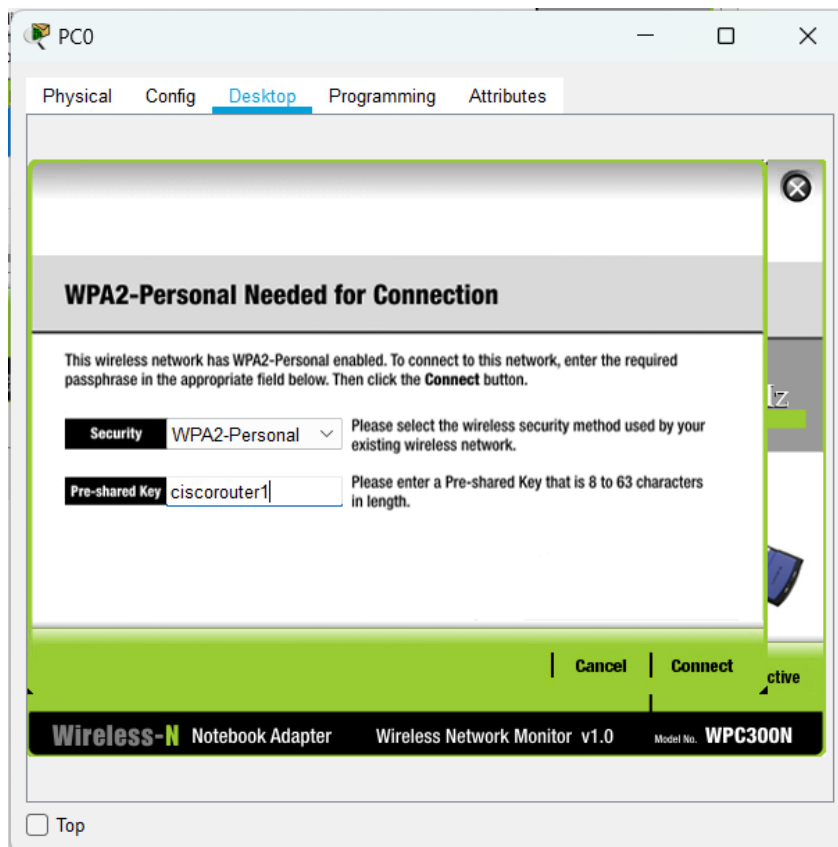replace with WMP300N > Power on the PC. Do this for all PC's.

Step 9: Click on PC0 > Desktop > PC Wireless > Connect > Click on Refresh.
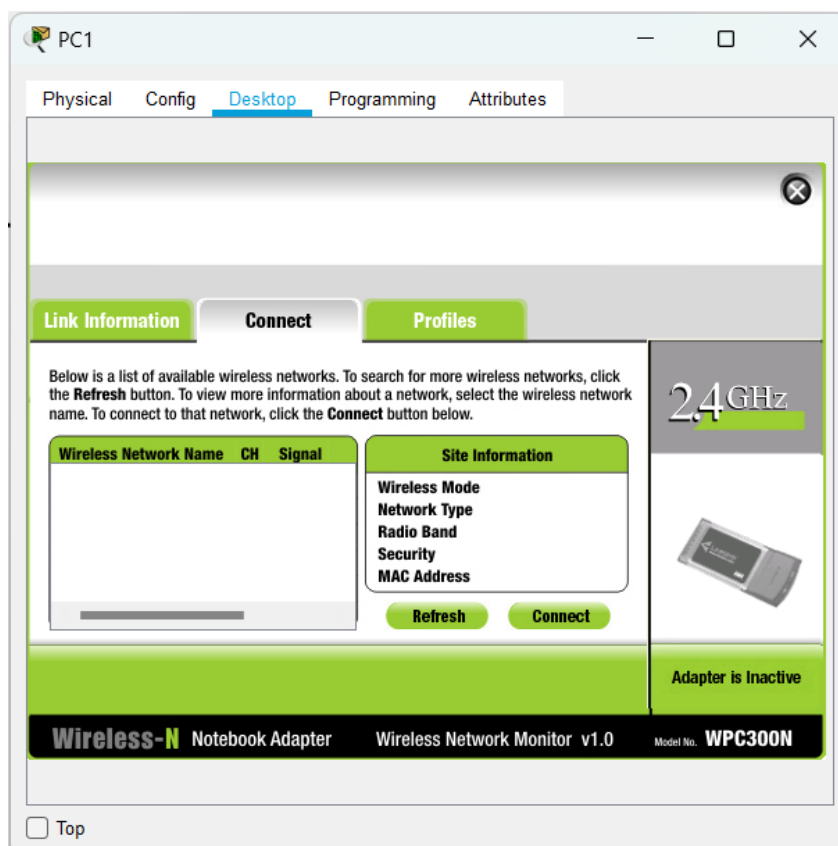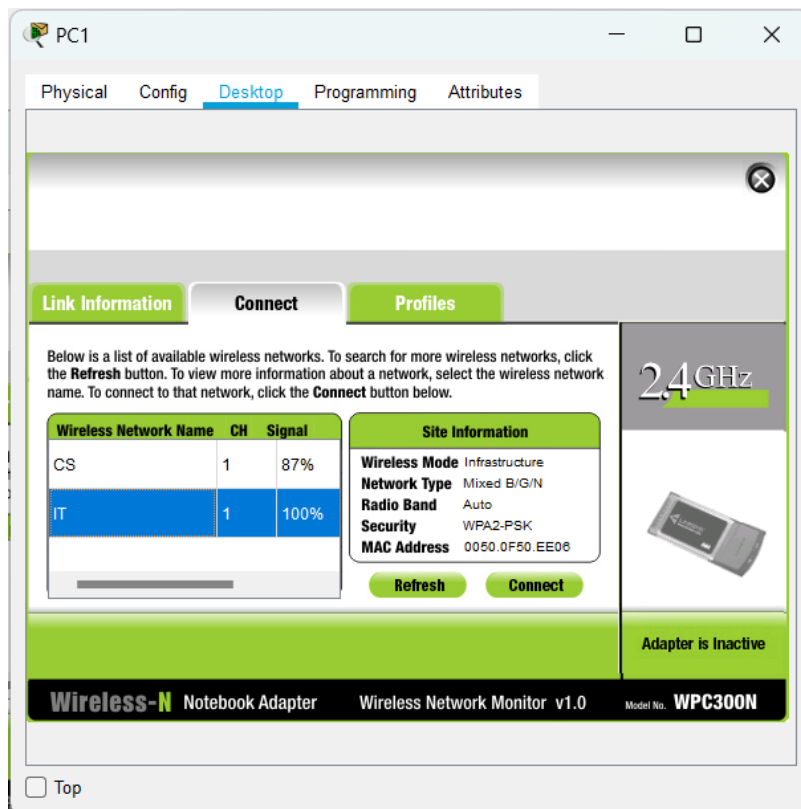

Step 10: Select CS and Click on the Connect.

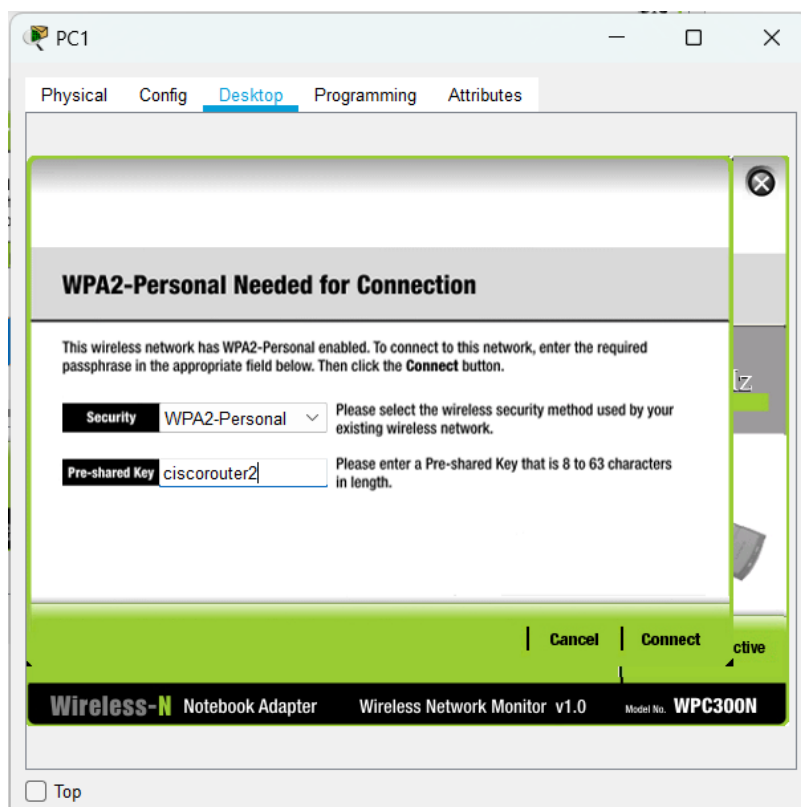Step 11: Enter Pre-Shared key for CS i.e. **ciscorouter1.** Do this same Process for PC 2

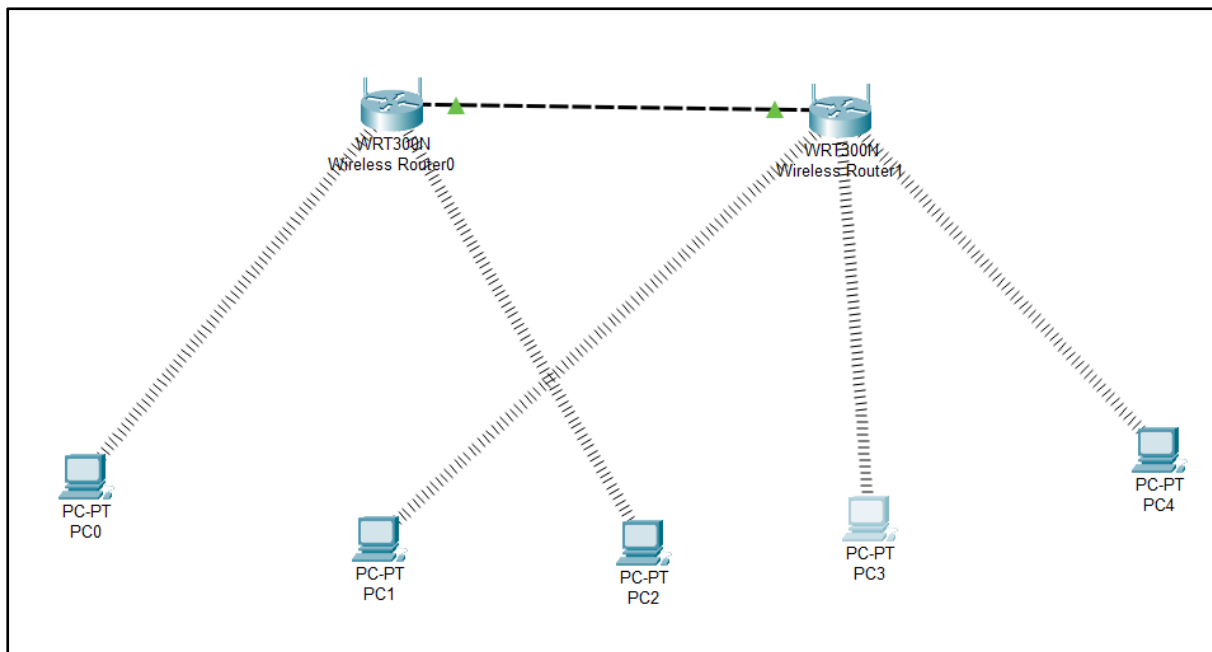Step 11: Click on PC1 > Desktop > PC Wireless > Connect > Click on Refresh.

Step 12: Select IT and Click on the Connect.

Step 13: Enter Pre-Shared key for CS i.e. **ciscorouter1.** Do this same Process for PC3 and PC4.

Step 14: Your Connection will look like this.

Step 15: Send message and check the Connection.

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
●	Successful	PC0	PC2	ICMP	■	0.000	N	0	(edit)	
●	Successful	PC1	PC4	ICMP	■	0.000	N	1	(edit)	
●	Successful	PC0	PC4	ICMP	■	0.000	N	2	(edit)	

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
●	Successful	PC3	PC2	ICMP	■	0.000	N	0	(edit)	
●	Successful	PC3	PC0	ICMP	■	0.000	N	1	(edit)	
●	Successful	PC1	PC2	ICMP	■	0.000	N	2	(edit)	