**COMPUTER NETWORKS**

**NAME: M.ISTAFA MALIK**

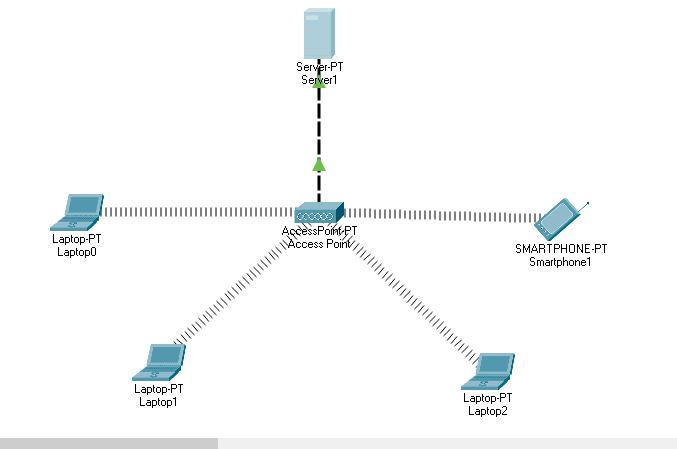
**ROLL: P190033**

**SECTION: BSCS-5A**

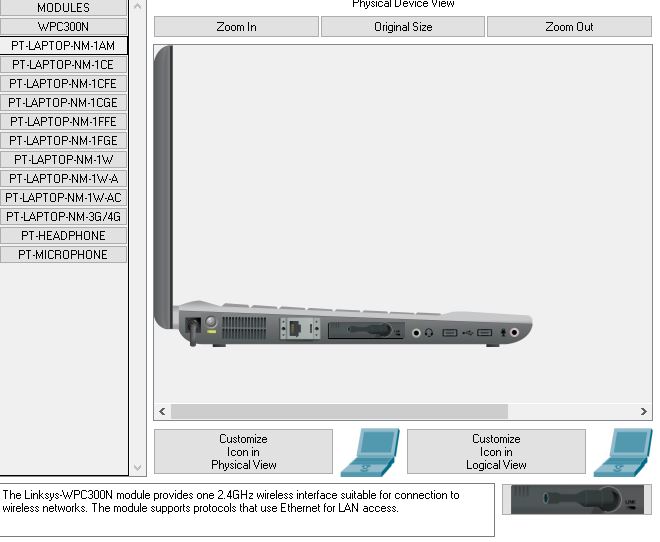
**Task 1:** **WLAN Configuration on Packet Tracer.**

**Solution:**

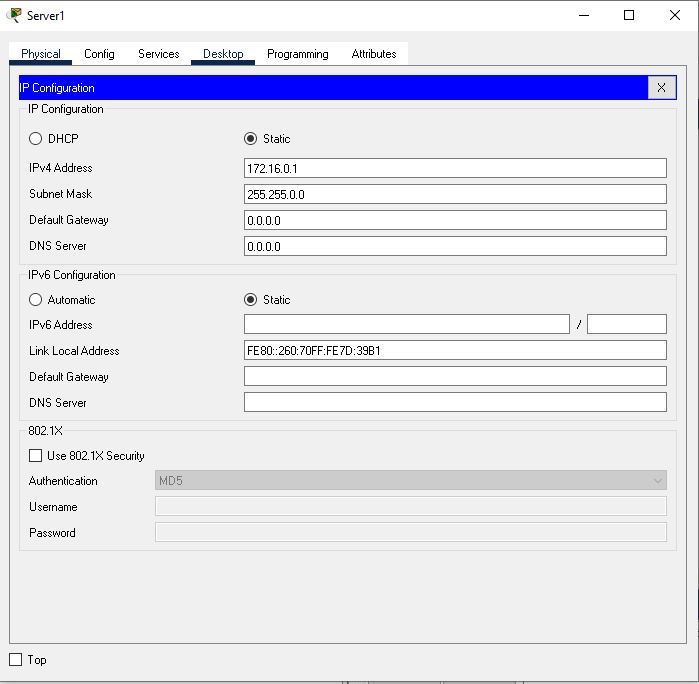
**Step 1: Topology**

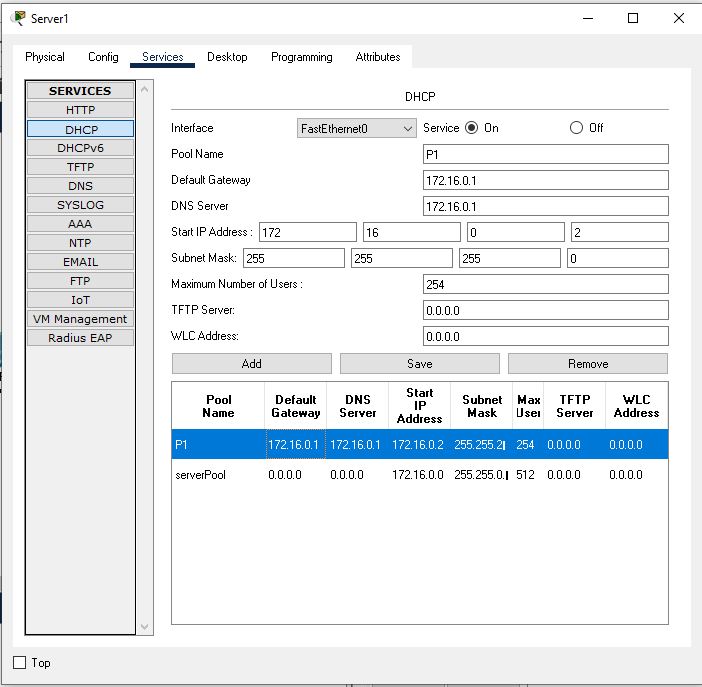
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**Step 2:** Place Wireless Interface Card to Laptops instead of c Ethernet card.

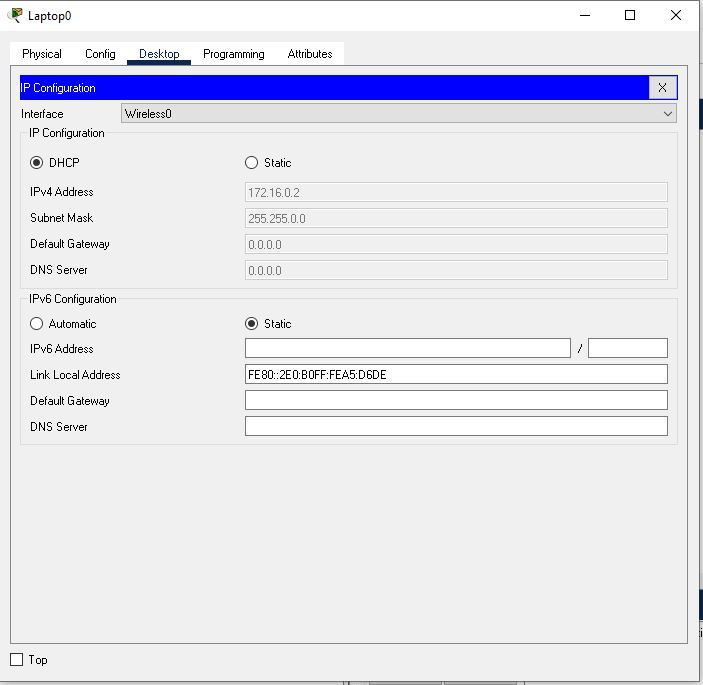
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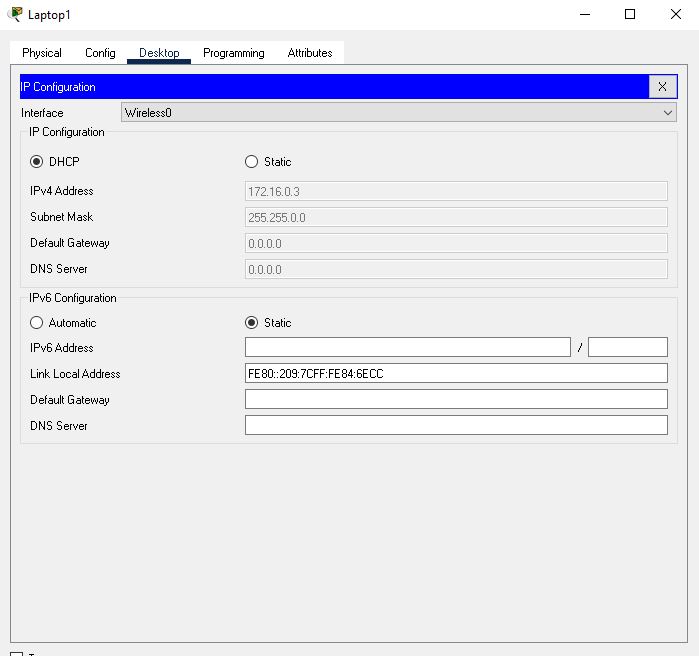
**Step 3: Assign Static IP to the server and also create an IP Pool.**

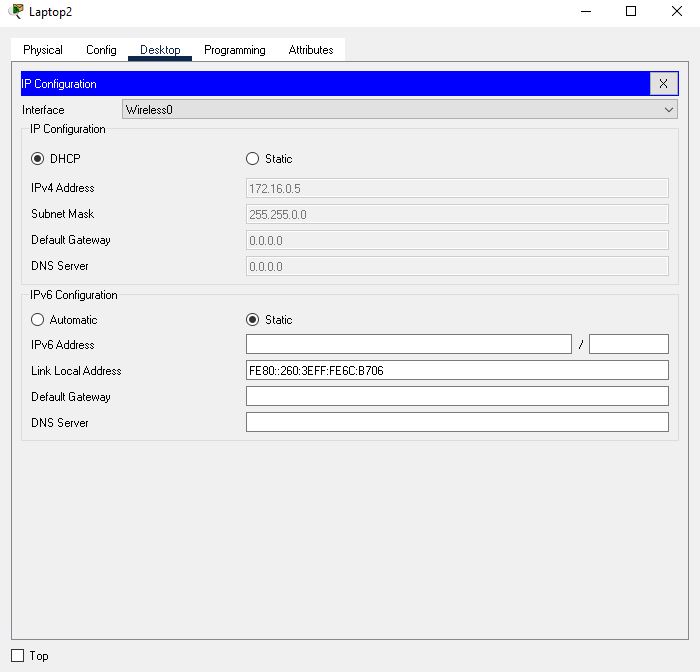
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**Step 4: Check if DHCP is assigning IP’s to the Laptops.**

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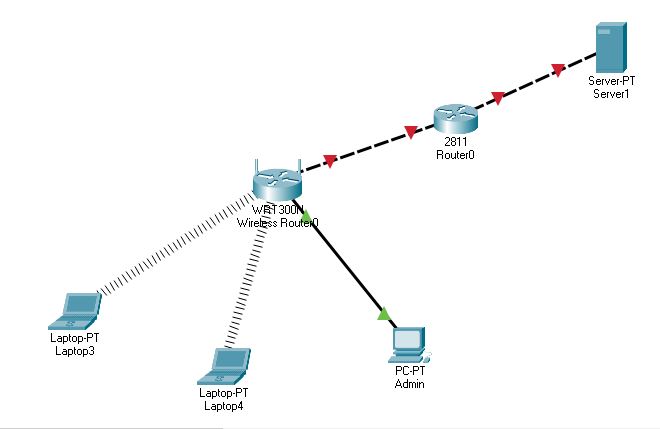
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**Success!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**

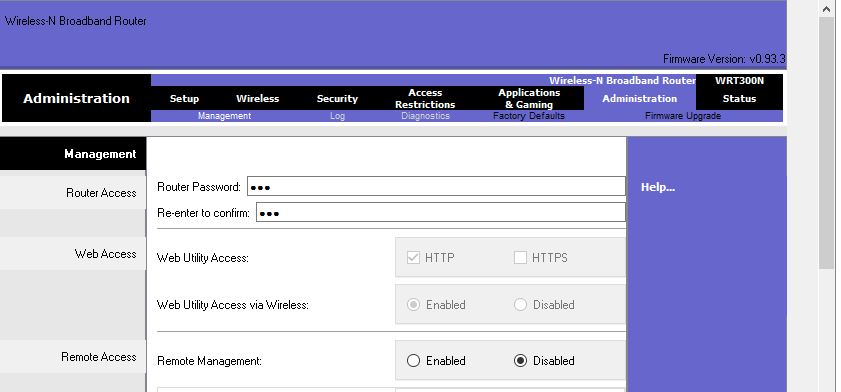
**Task 2: Wireless Router configuration in Cisco Packet Tracer**

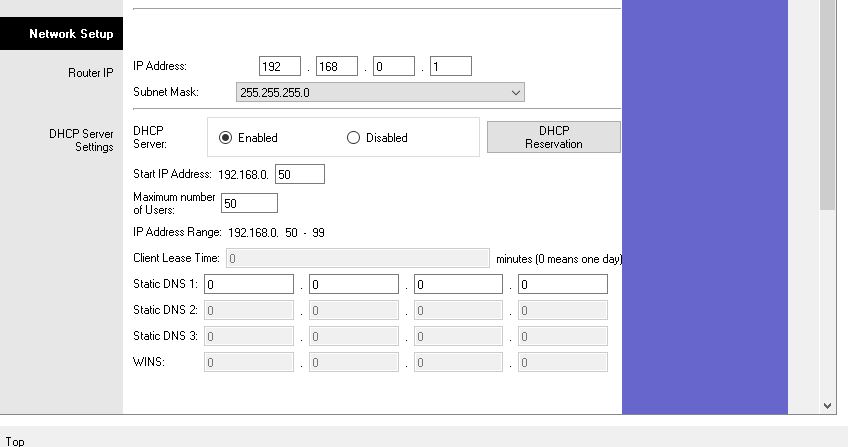
**Solution:**

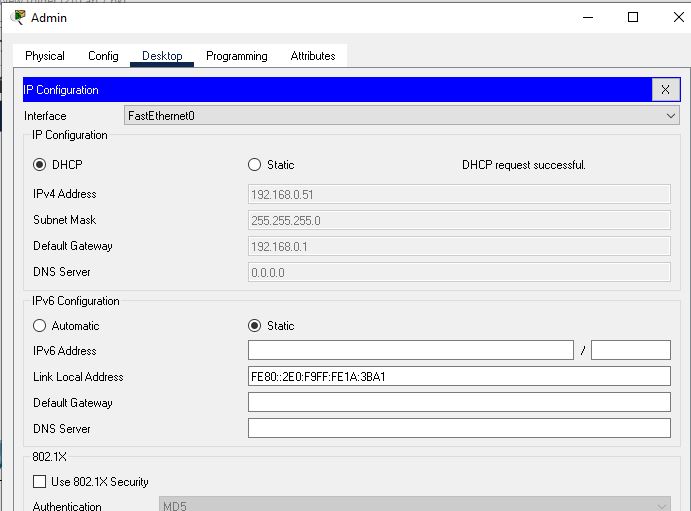
**Step 1: Topology**

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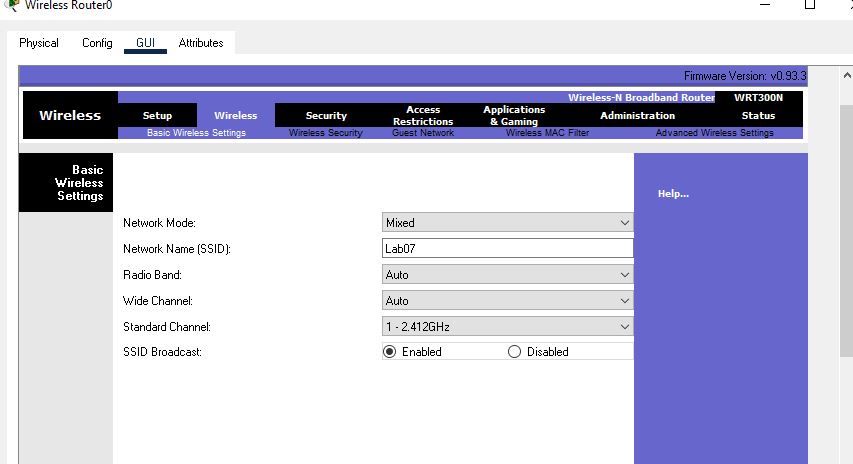
**Step 2:** We start with Administration in the GUI. Here we’ll simply change the router’s username and password and enabling IP Pool to Assign IP’s to the PC’s.

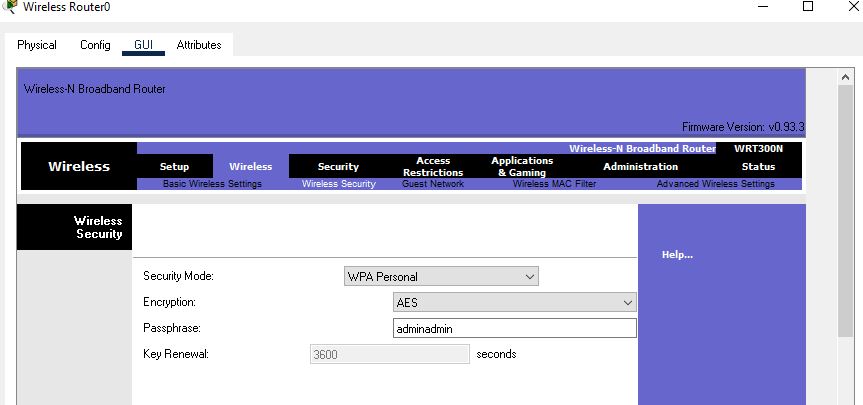


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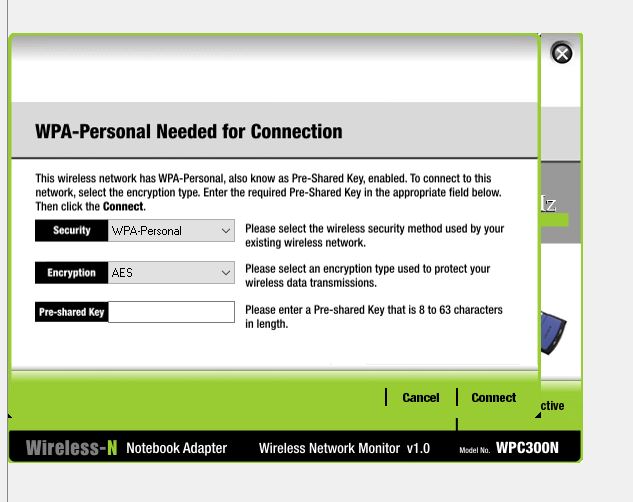
**Step 3:** Now we Add security for wireless LAN access.

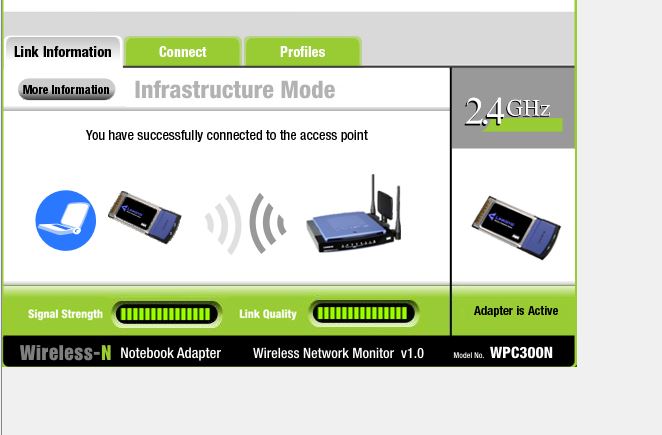
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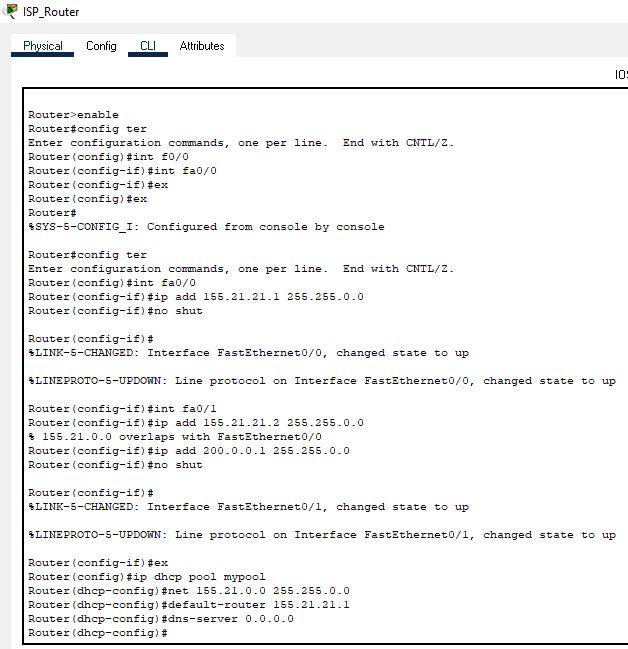
**Step 4: Now for reconnecting those PC’s use the following steps to connect to the router.**

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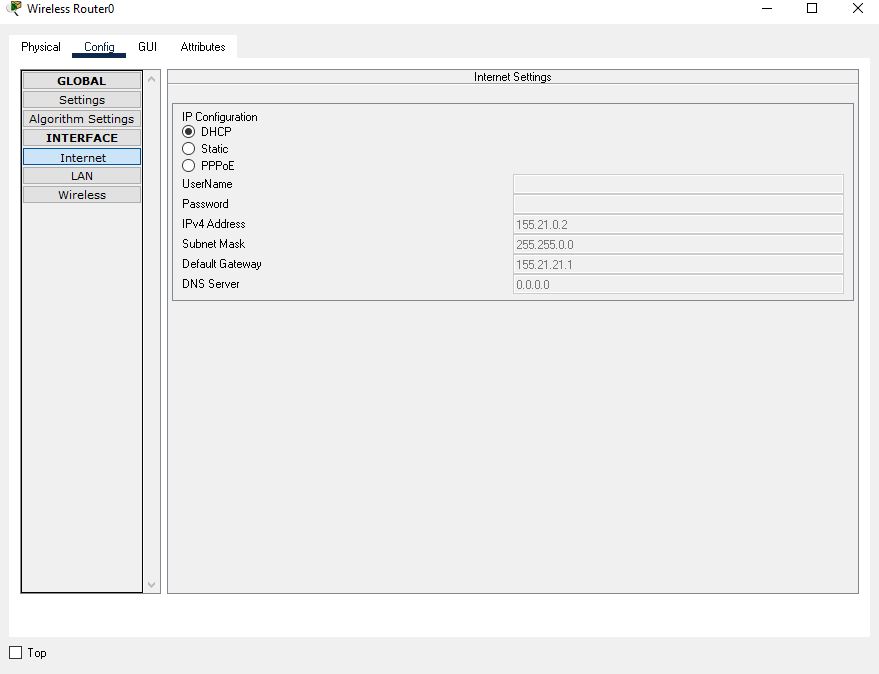
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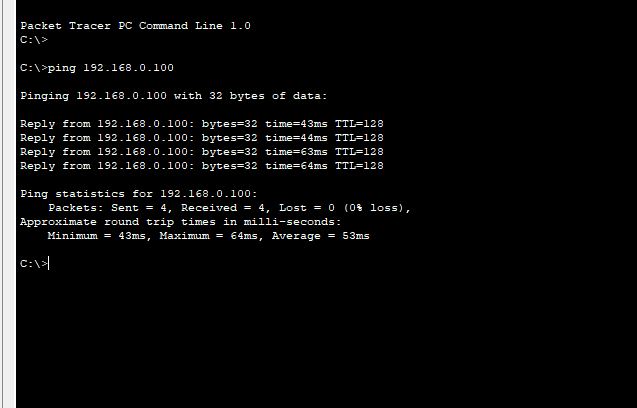
**Step 5: ISP router Configuration.**

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**Step 6: Now try Assigning IP’s to the PC’s using DHCP.**

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**Step 7: Try Ping command**

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**Success!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**