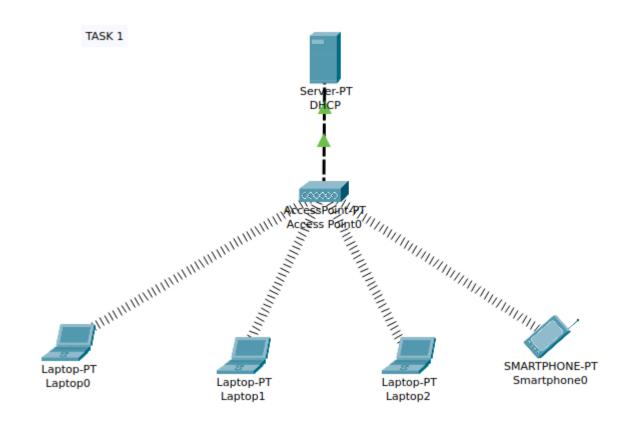
Lab 8 Haq Nawaz



TASK 1:

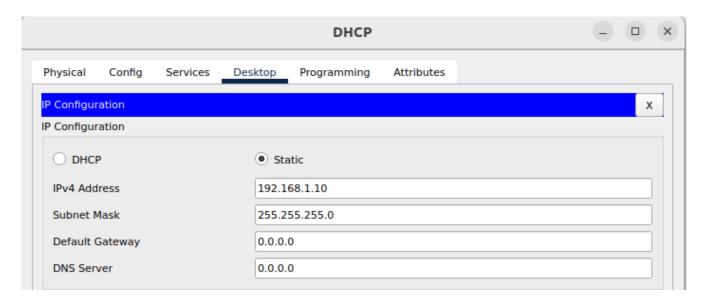
Network Topology:

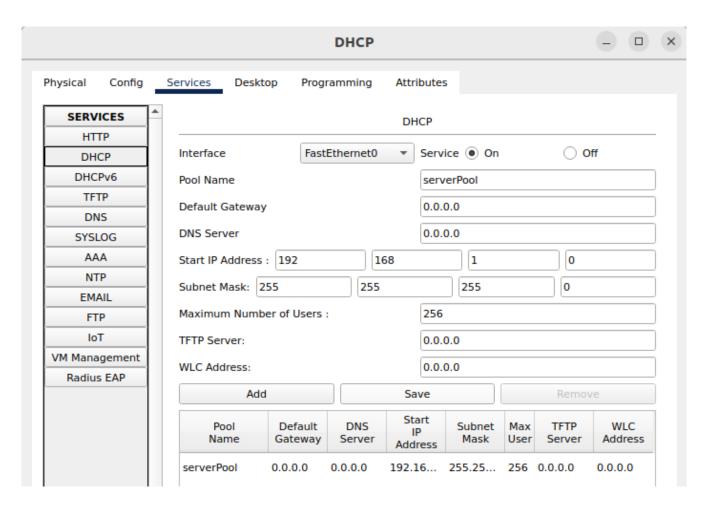


Place Wireless Interface Card to Laptops (WPC300N):

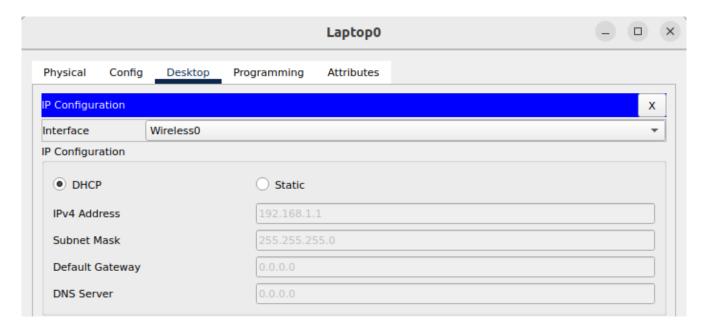


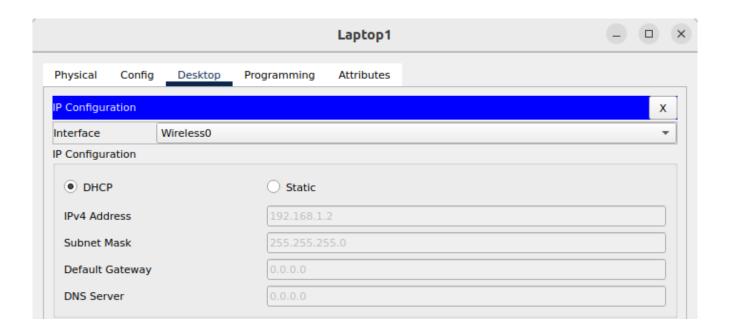
Set pool and DHCP Ip:





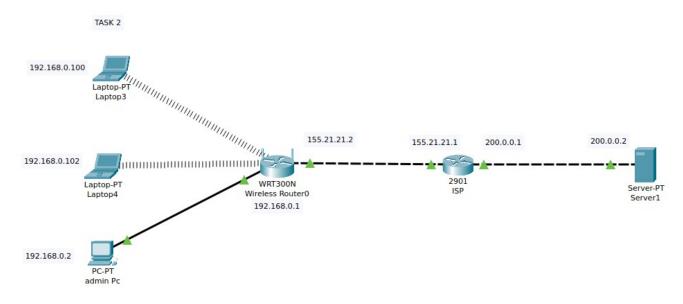
Automatic IP Addressing on Pc's:



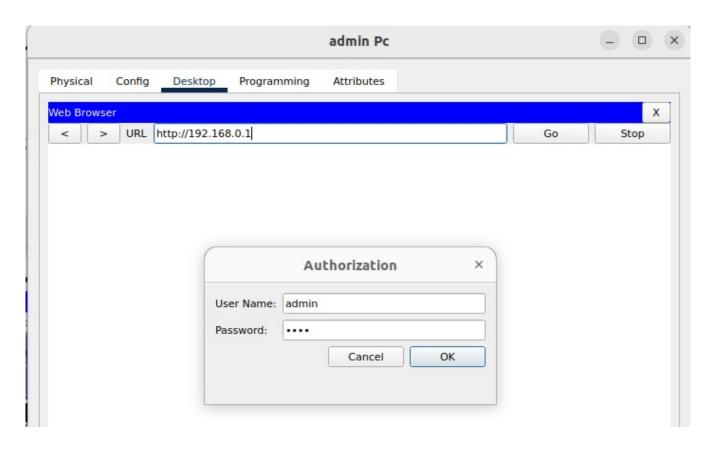


TASK 2:

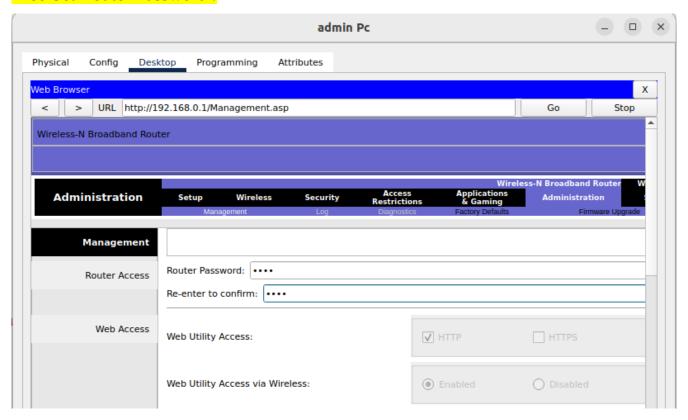
Network Topology:



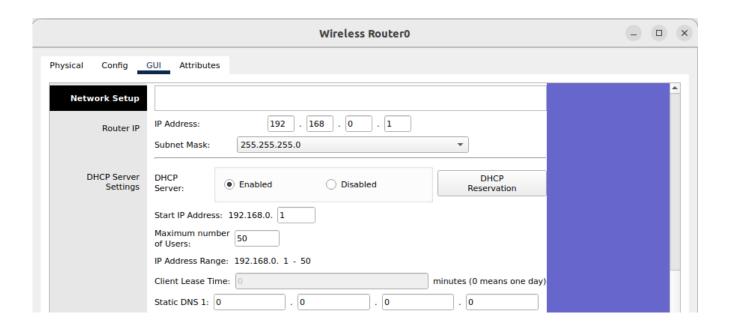
Let's use the PC to access the router GUI.



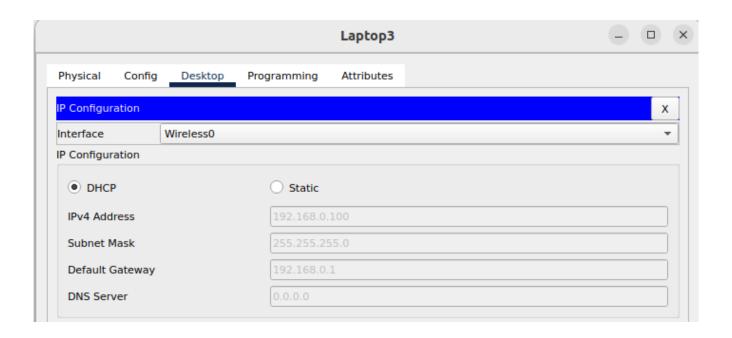
Also Set Router Password:

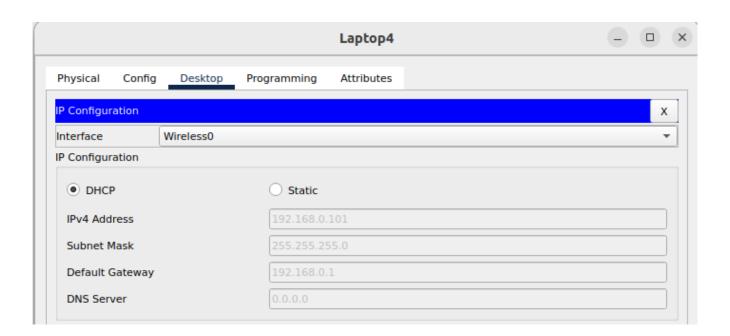


Network Setup:

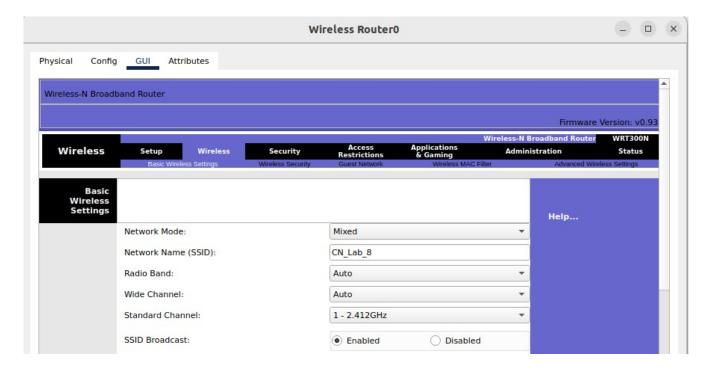


IP configuration tab for each PC and enable DHCP:

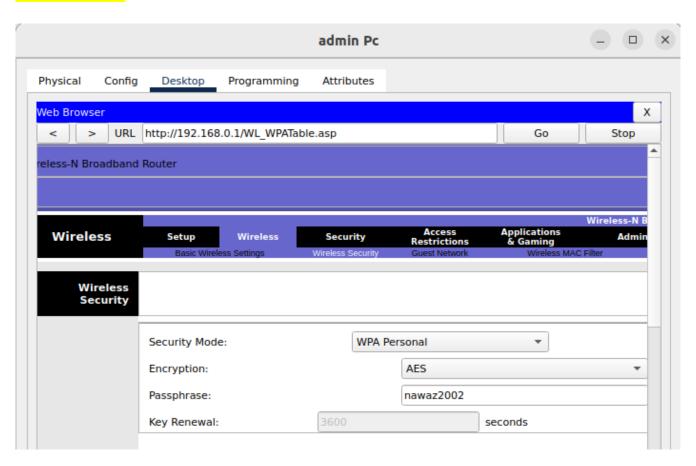




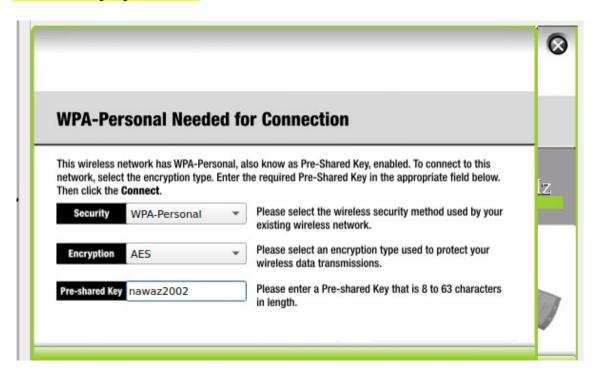
Adding security for wireless LAN access:

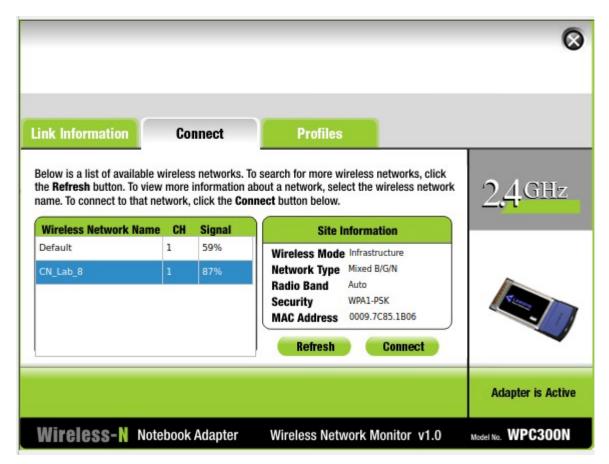


Set Password:

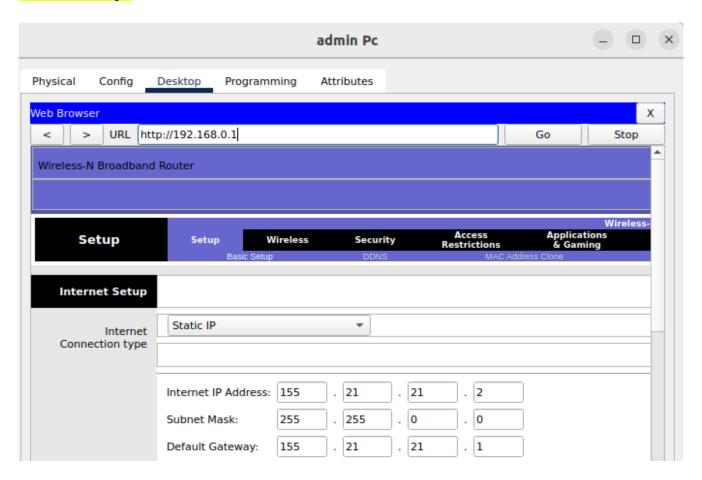


Connect Laptop to Wifi:

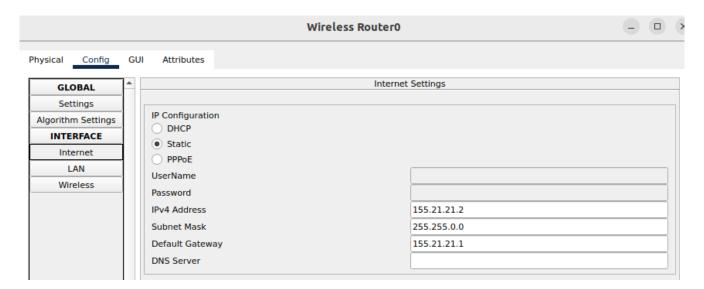




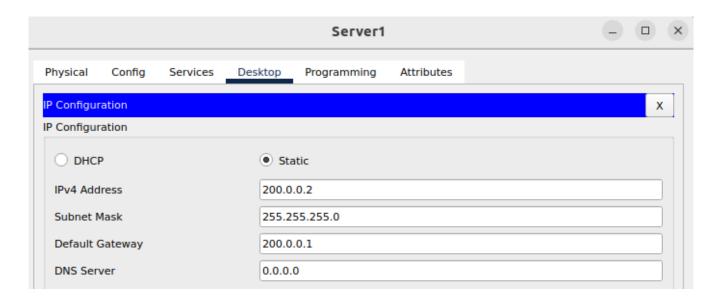
Internet Setup:



Set Wireless Router Static IP:



Server Configuration:



Edit index.html file:



ISP Router:

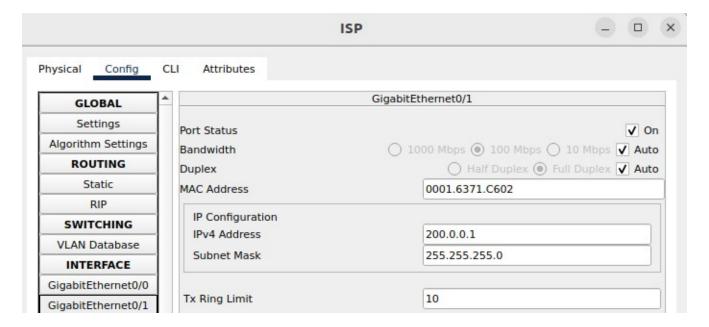
Connect ISP with Router:

Command Line: ip route 192.168.0.0 255.255.255.0 155.21.21.2

```
Router(config-if)#ip route 192.168.0.0 255.255.255.0 fa0/0
%Default route without gateway, if not a point-to-point interface, may impact performance
%Invalid interface type and number
Router(config)#ip route 192.168.0.0 255.255.255.0 155.21.21.2
Router(config)#
```

Interface 0/0 and 0/1 IP:

		ISP —	
Physical Config	CLI Attributes		
GLOBAL	GigabitEthernet0/0		
Settings	Port Status	T.	√ On
Algorithm Settings	Bandwidth	○ 1000 Mbps ● 100 Mbps ○ 10 Mbps ▼	
ROUTING	Duplex MAC Address	○ Half Duplex ⑥ Full Duplex ▼	
Static		0001.6371.C601	
RIP			
SWITCHING	IP Configuration	155,21,21,1	
VLAN Database	IPv4 Address Subnet Mask		
INTERFACE		255.255.0.0	
GigabitEthernet0/0		(



Access Server Index File From Laptop:



Check Connection Setup:

