LINUX NETWORKING MODULE 5 ASSESSMENT SOLUTION

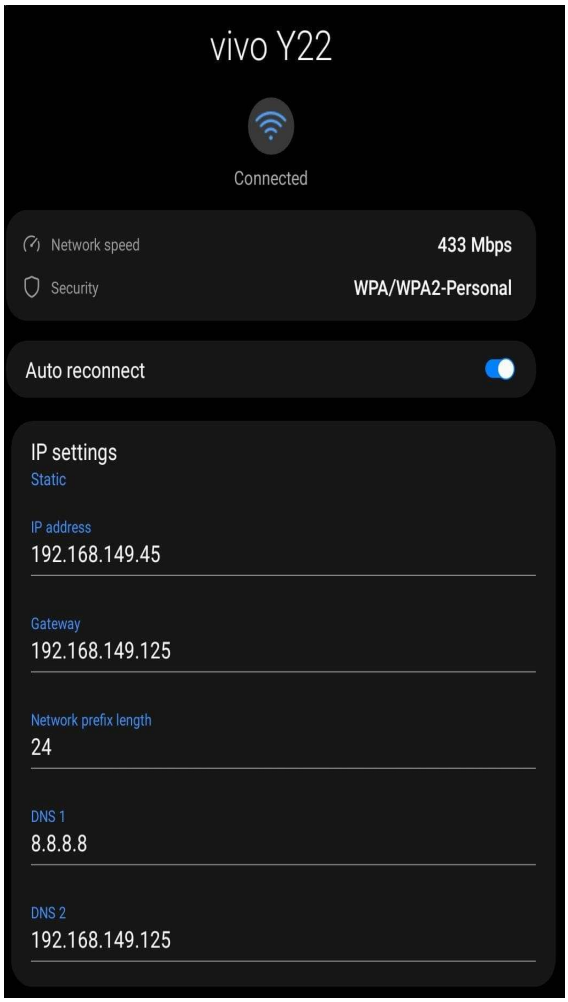
-BY SAKTHI KUMAR S

3) Manually configure static IPs on the client devices (like Pc or your mobile phone) and verify connectivity using ping.

1)On Mobile:

Android:

1. Go to Settings > Wi-Fi.
2. Tap and hold your connected Wi-Fi network and select Modify Network.
3. Expand Advanced Options and change IP Settings to Static.

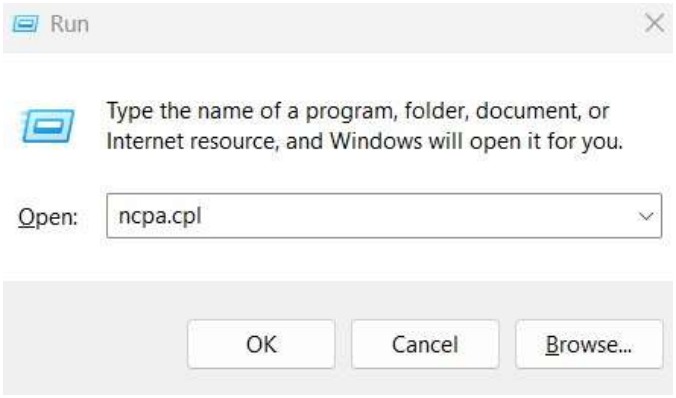


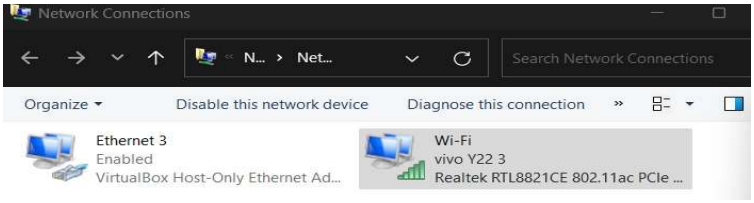
Save and connect and verify the status of the connection using Ping tools.

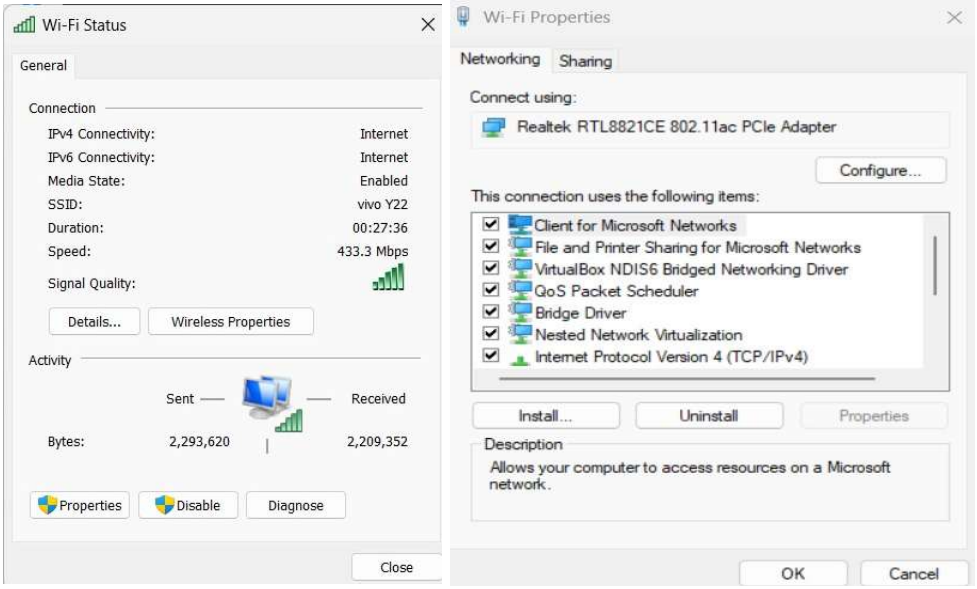
On PC:

Open Network Settings:

- Press Win + R, type ncpa.cpl and press Enter.

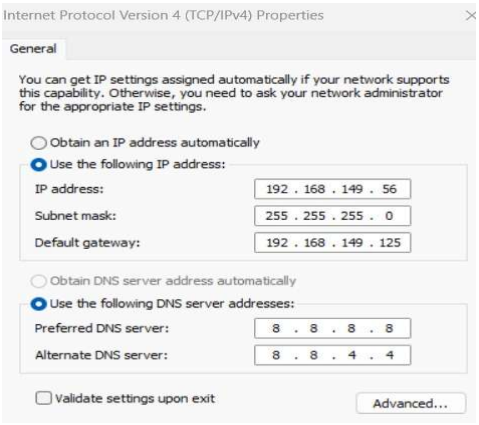




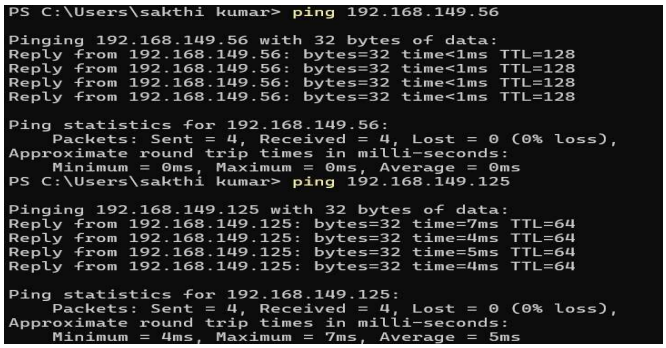


- Select Internet Protocol Version 4 (TCP/IPv4) and click Properties

Configure the static IP address:



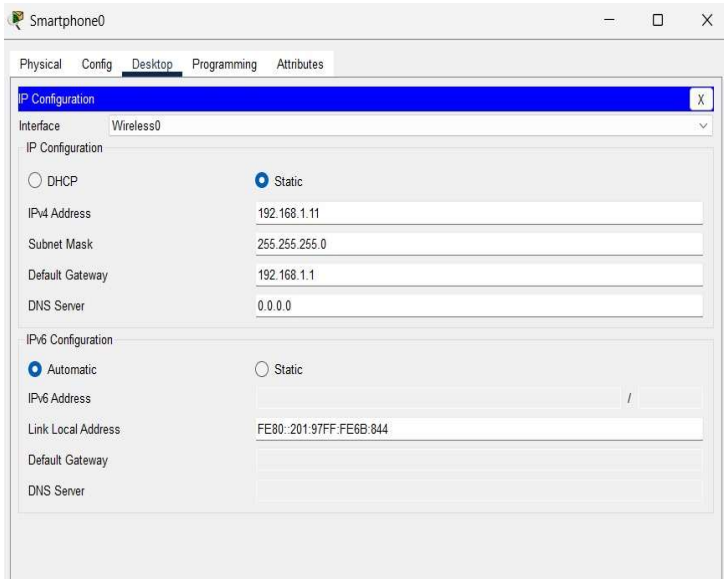
Ping on command Prompt:

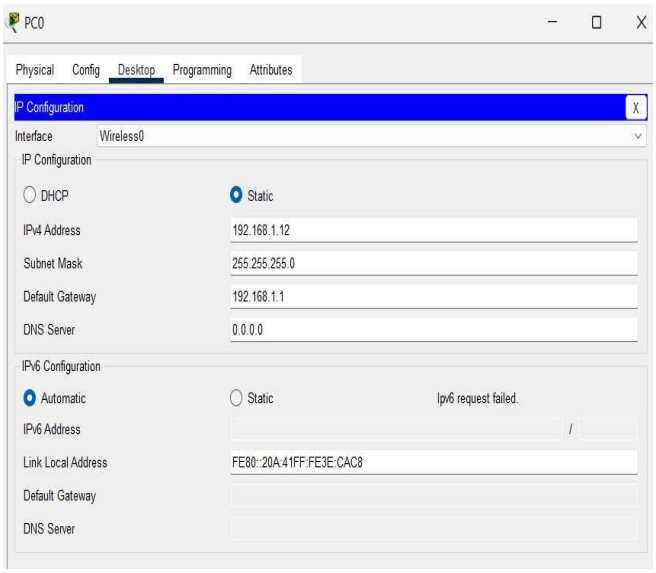


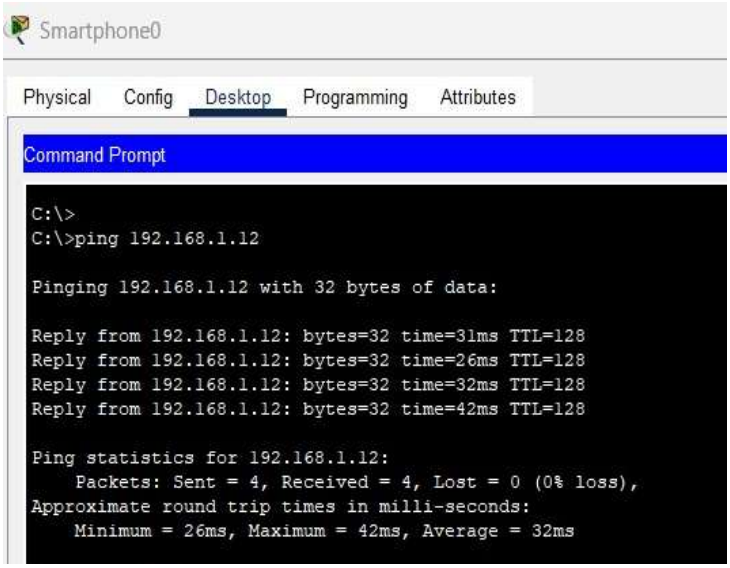
LINUX NETWORKING MODULE 5 ASSESSMENT SOLUTION

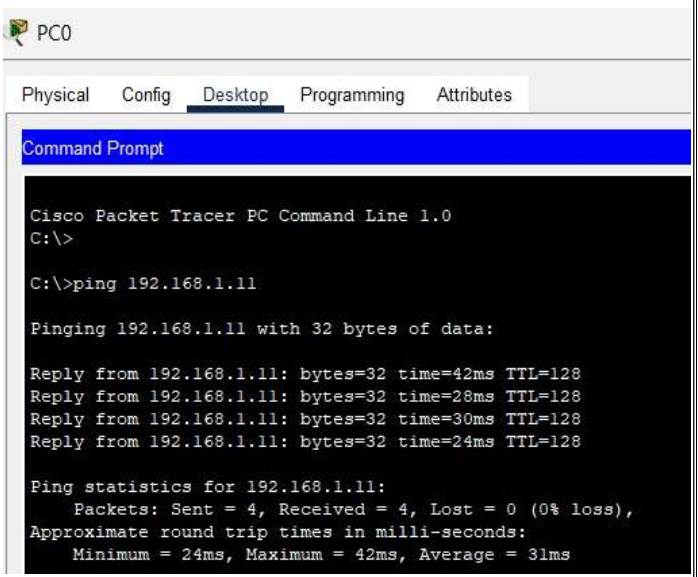
-BY SAKTHI KUMAR S

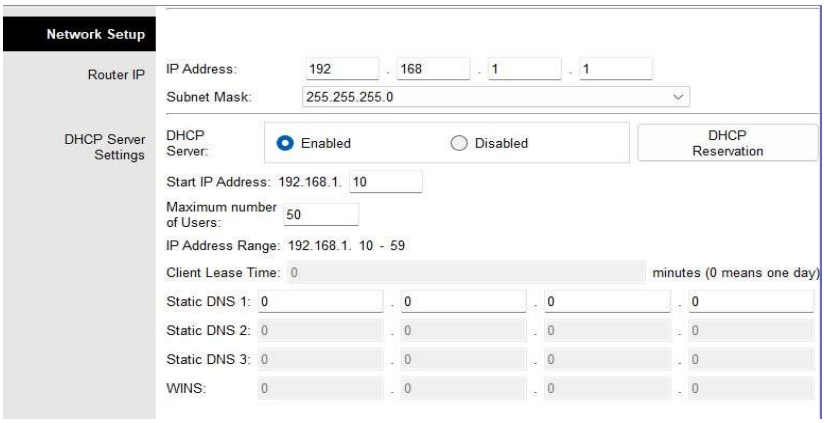
3) Manually configure static IPs on the client devices (like Pc or your mobile phone) and verify connectivity using ping. 3) using Cisco Packet tracer:

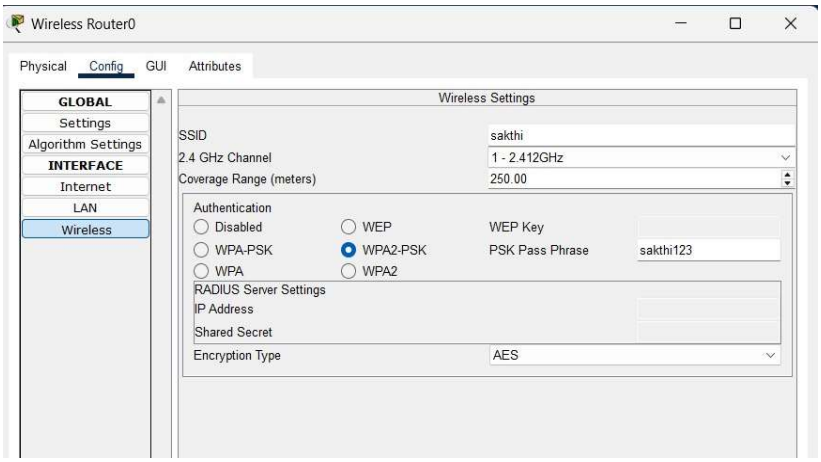




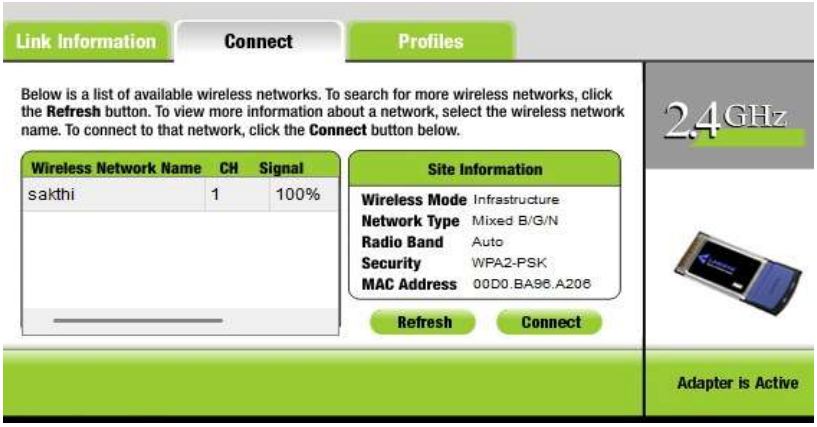





Network Setup
Router IP
IP Address: 192 . 168 . 1 . 1
Subnet Mask: 255.255.255.0
DHCP Server Settings
DHCP Server: Enabled Disabled
DHCP Reservation
Start IP Address: 192.168.1. 10
Maximum number of Users: 50
IP Address Range: 192.168.1. 10 - 59
Client Lease Time: 0 minutes (0 means one day)
Static DNS 1: 0 . 0 . 0 . 0
Static DNS 2: 0 . 0 . 0 . 0
Static DNS 3: 0 . 0 . 0 . 0
WINS: 0 . 0 . 0 . 0


Wireless Router0
Physical Config GUI Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
Internet
LAN
Wireless
Wireless Settings
SSID sakthi
2.4 GHz Channel 1 - 2.412GHz
Coverage Range (meters) 250.00
Authentication
Disabled WEP WEP Key
WPA-PSK WPA2-PSK PSK Pass Phrase sakthi123
WPA WPA2
RADIUS Server Settings
IP Address
Shared Secret
Encryption Type AES


PC0
Physical Config Desktop Programming Attributes
Link Information
Connect
Profiles
More Information
Infrastructure Mode
2.4GHz
You have successfully connected to the access point
Signal Strength
Link Quality
Adapter is Active
Wireless-N Notebook Adapter
Wireless Network Monitor v1.0
Model No. WPC300N


Link Information
Connect
Profiles
Below is a list of available wireless networks. To search for more wireless networks, click the Refresh button. To view more information about a network, select the wireless network name. To connect to that network, click the Connect button below.
2.4GHz
Wireless Network Name CH Signal
sakthi 1 100%
Site Information
Wireless Mode Infrastructure
Network Type Mixed B/G/N
Radio Band Auto
Security WPA2-PSK
MAC Address 00D0.BA96.A206
Refresh
Connect
Adapter is Active