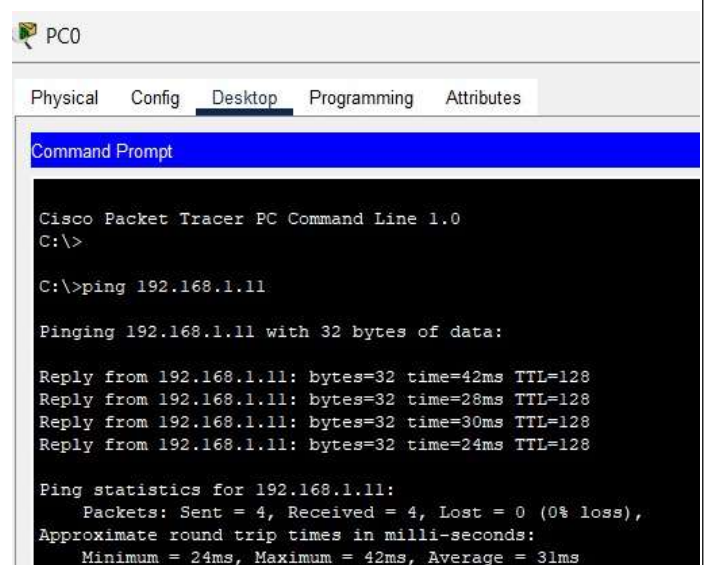
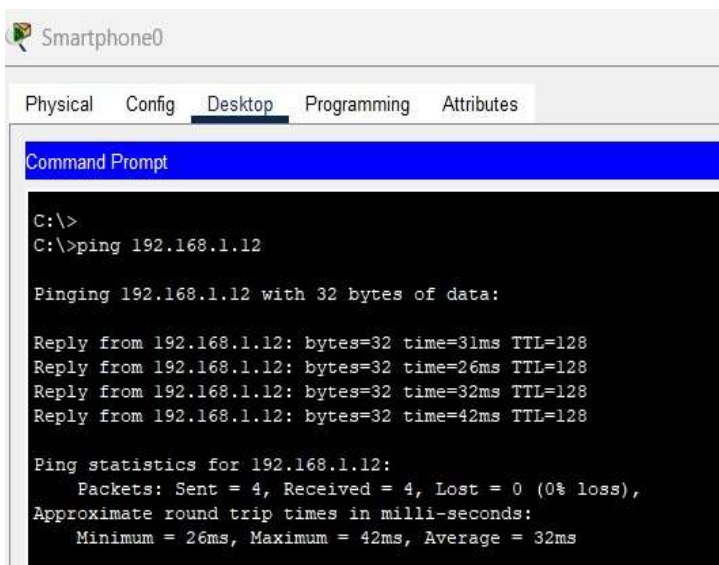
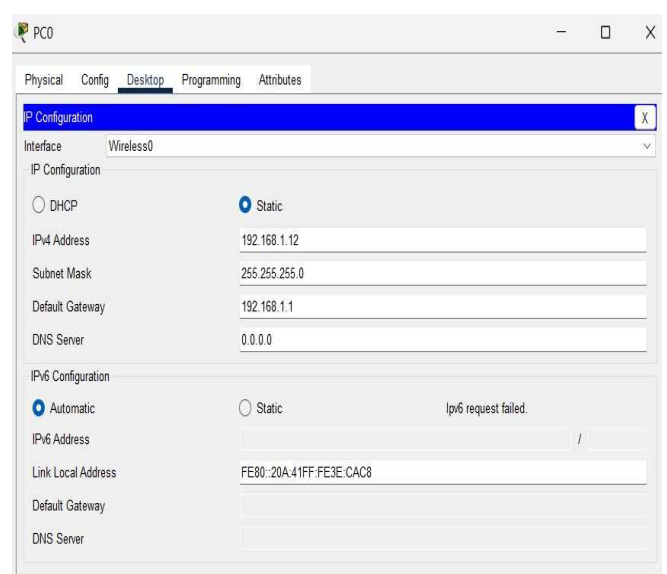
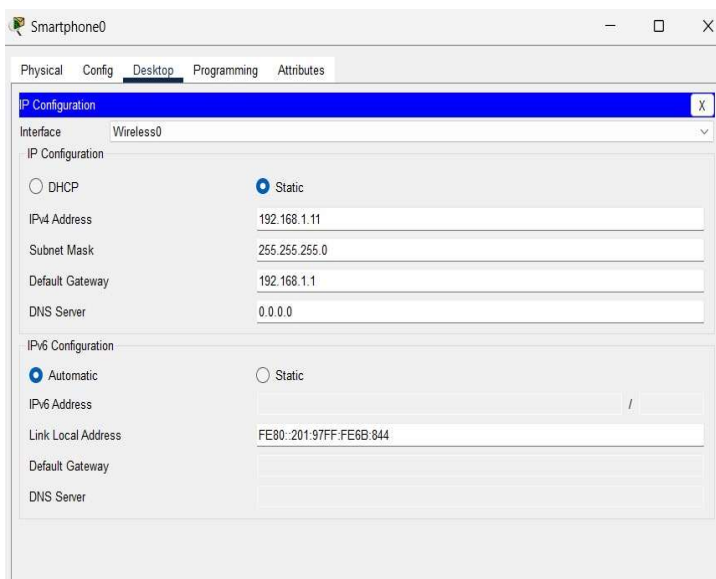


LINUX NETWORKING MODULE 5 ASSESSMENT SOLUTION

-BY SAKTHI KUMAR S

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



Network Setup	
Router IP	IP Address: 192 . 168 . 1 . 1 Subnet Mask: 255.255.255.0
DHCP Server Settings	DHCP Server: <input checked="" type="radio"/> Enabled <input type="radio"/> 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 ☒ WPA2-PSK ☐ WPA ☐ WPA2

WEP Key:

PSK Pass Phrase: sakthi123

RADIUS Server Settings

IP Address:

Shared Secret:

Encryption Type: AES

PC0

Physical Config Desktop Programming Attributes

Link Information Connect Profiles

More Information **Infrastructure Mode**

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.

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