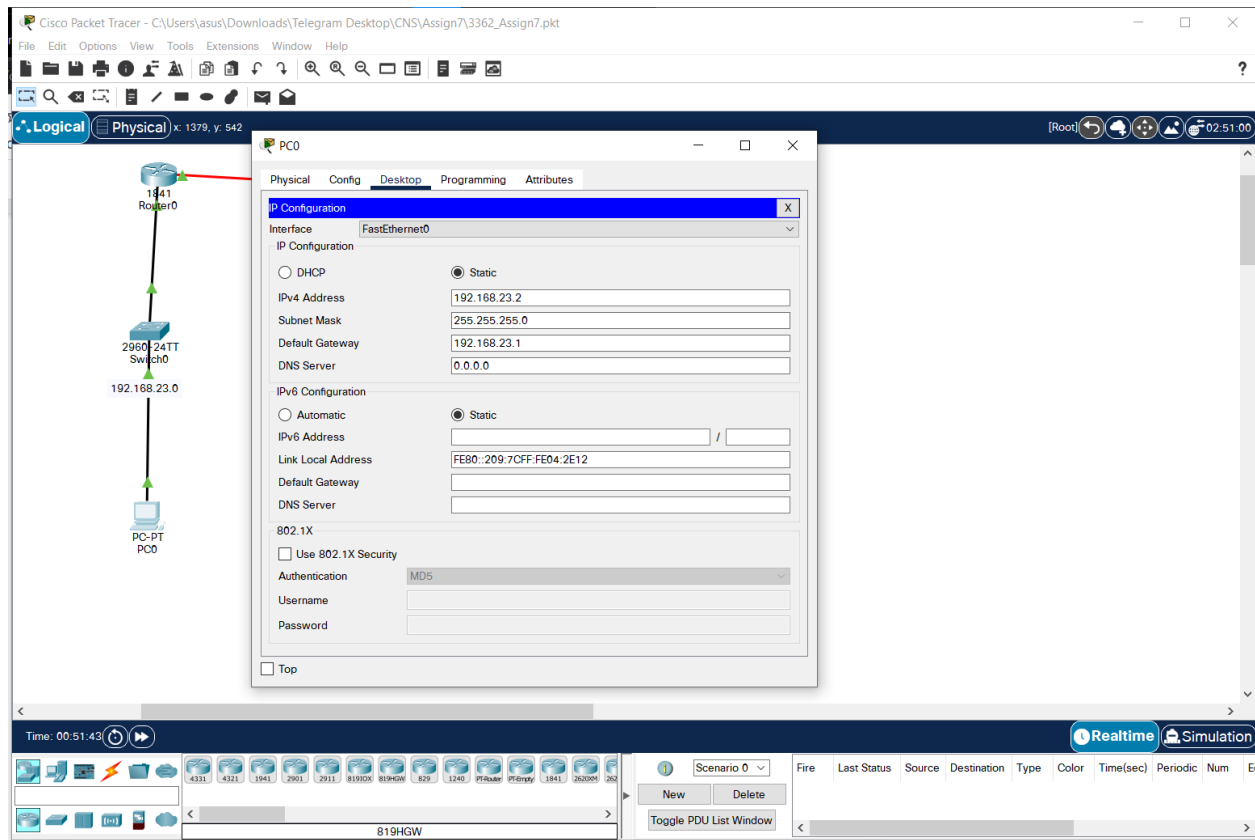


Assignment 7

Following are the steps for the assignment



GLOBAL	FastEthernet0/0	
Settings		
Algorithm Settings		
ROUTING		
Static		
RIP		
SWITCHING		
VLAN Database		
INTERFACE		
FastEthernet0/0		
FastEthernet0/1		
Serial0/0/0		
Serial0/0/1		

Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	0060.5CC3.8401
IP Configuration	
IPv4 Address	192.168.23.1
Subnet Mask	255.255.255.0
Tx Ring Limit	10

Equivalent IOS Commands

```
Router(config-if)#exit
Router(config)#router rip
Router(config-router)#
Router(config-router)#end
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
%SYS-5-CONFIG_I: Configured from console by console
```



Router0



Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

Serial0/0/0

Serial0/0/1

Serial0/0/0

Port Status

☒ On

Duplex

☐ Full Duplex

Clock Rate

2000000

IP Configuration

IPv4 Address

195.168.23.1

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

```
Router(config)#interface FastEthernet0/0
Router(config-if)#
%SYS-5-CONFIG_I: Configured from console by console

Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial0/0/0
Router(config-if)#
```



Top

Cisco Packet Tracer - C:\Users\asus\Downloads\Telegram Desktop\CNS\Assign7\3362_Assign7.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 446, y: 149 [Root] 03:42:00

Router1

Physical Config CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

Serial0/0/0

Serial0/0/1

FastEthernet0/0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0001.9657.6E01

IP Configuration

IPv4 Address 193.168.23.1

Subnet Mask 255.255.255.0

Tx Ring Limit 10

Equivalent IOS Commands

```
Router(config-if) #
Router(config-if) #exit
Router(config) #interface FastEthernet0/0
Router(config-if) #
Router(config-if) #exit
Router(config) #interface Serial0/0/0
Router(config-if) #
Router(config-if) #exit
Router(config) #interface FastEthernet0/0
Router(config-if) #
```

☐ Top

Router1

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

Serial0/0/0

Serial0/0/1

Serial0/0/1

Serial0/0/1

Port Status

☒ On

Duplex

Full Duplex

Clock Rate

2000000

IP Configuration

IPv4 Address

196.168.23.2

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial0/0/1

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial0/0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial0/0/1

Router(config-if)#

☐ Top

Cisco Packet Tracer - C:\Users\jasus\Downloads\Telegram Desktop\CNS\Assign7\3362_Assign7.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 386, y: 118 [Root] 05:22:00

1441 Router0

2960-24TT Switch0

192.168.23.0

PC-PT PC0

PC1

Physical Config Desktop Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 193.168.23.2

Subnet Mask 255.255.255.0

Default Gateway 193.168.23.1

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::2E0:8FFF:FE20:4EB9

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

Time: 00:56:32 Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Periodic Num E

819HGW

Cisco Packet Tracer - C:\Users\jasus\Downloads\Telegram Desktop\CNS\Assign7\3362_Assign7.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 570, y: 207 [Root] 05:28:30

1441 Router0

2960-24TT Switch0

192.168.23.0

PC-PT PC0

PC2

Physical Config Desktop Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 194.168.23.2

Subnet Mask 255.255.255.0

Default Gateway 194.168.23.1

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::201:43FF:FEBE:7D61

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

☐ Top

Time: 00:56:44 Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Periodic Num E

819HGW

Cisco Packet Tracer - C:\Users\asus\Downloads\Telegram Desktop\CNS\Assign7\3362_Assign7.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1549, y: 747

Router2

Physical Config CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

Serial0/0/0

Serial0/0/1

FastEthernet0/0

Port Status ☒ On

Bandwidth ☒ Auto

Duplex ☒ Full Duplex ☒ Auto

MAC Address 0090.2833.0C01

IP Configuration

IPv4 Address 194.168.23.1

Subnet Mask 255.255.255.0

Tx Ring Limit 10

Equivalent IOS Commands

```
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Serial0/0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#
```

☐ Top

Time: 01:25:23

Realtime Simulation

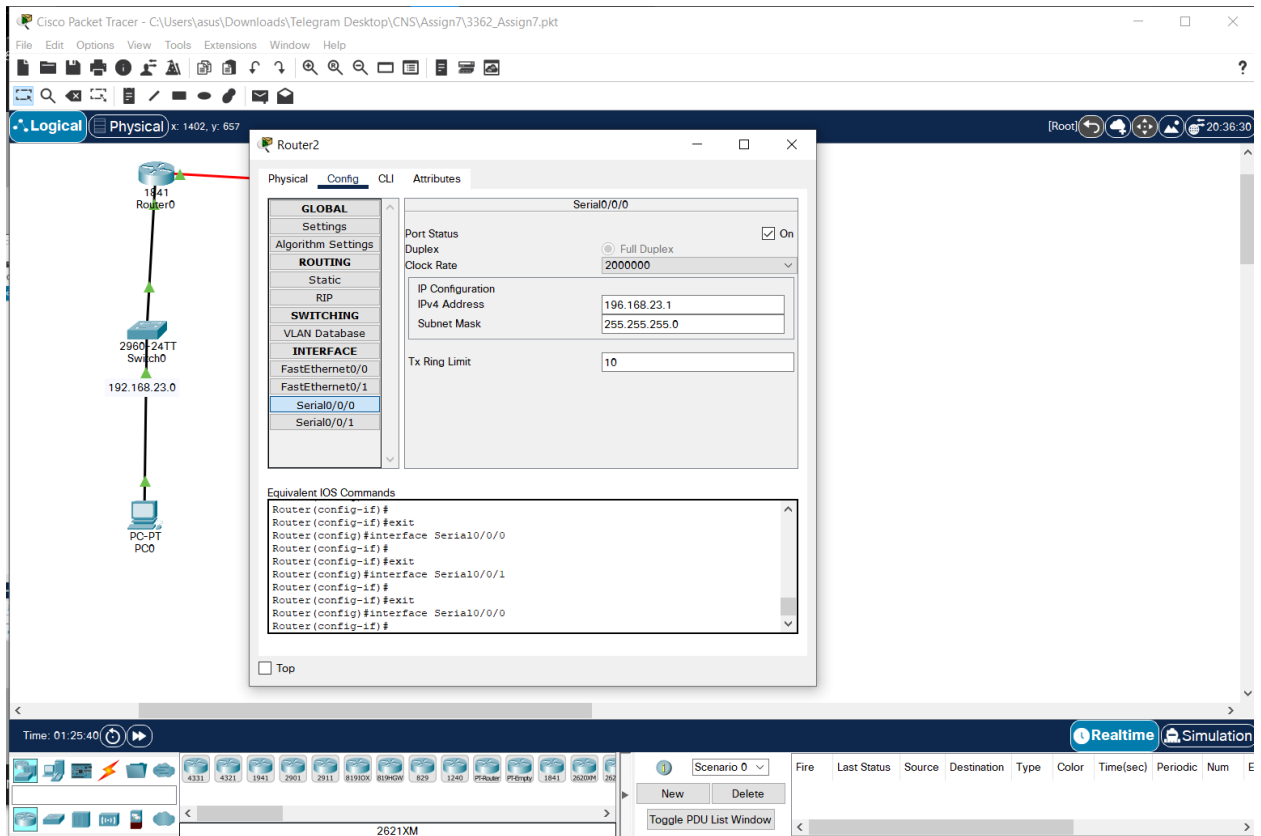
Scenario 0

New Delete

Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Periodic Num E

2621XM



STEP 7: VERIFICATION

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