

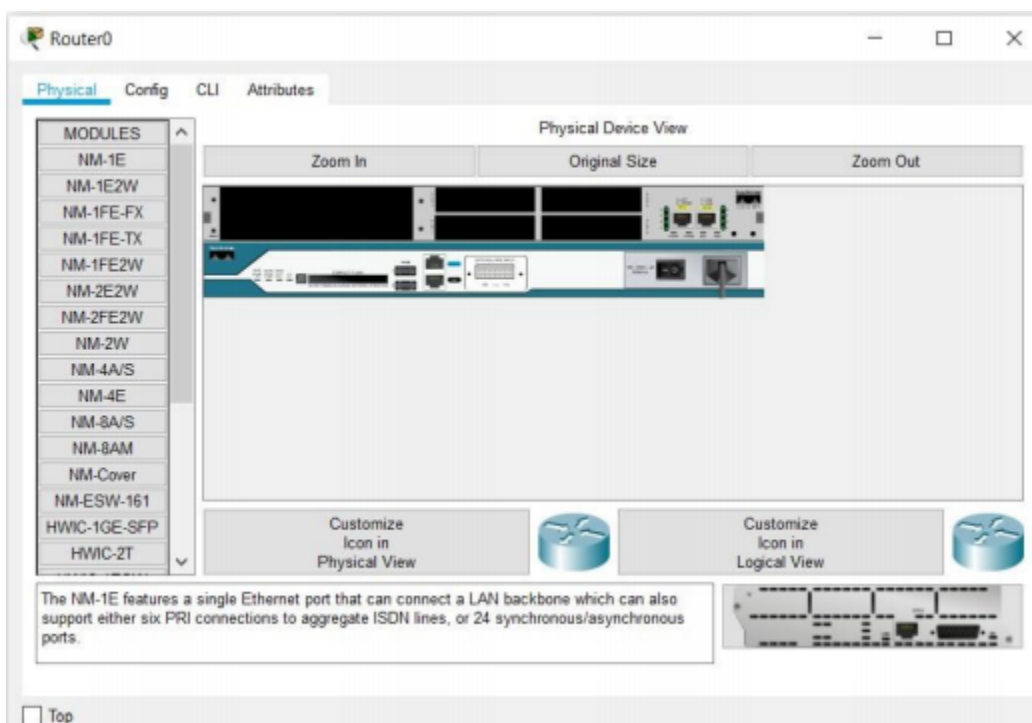
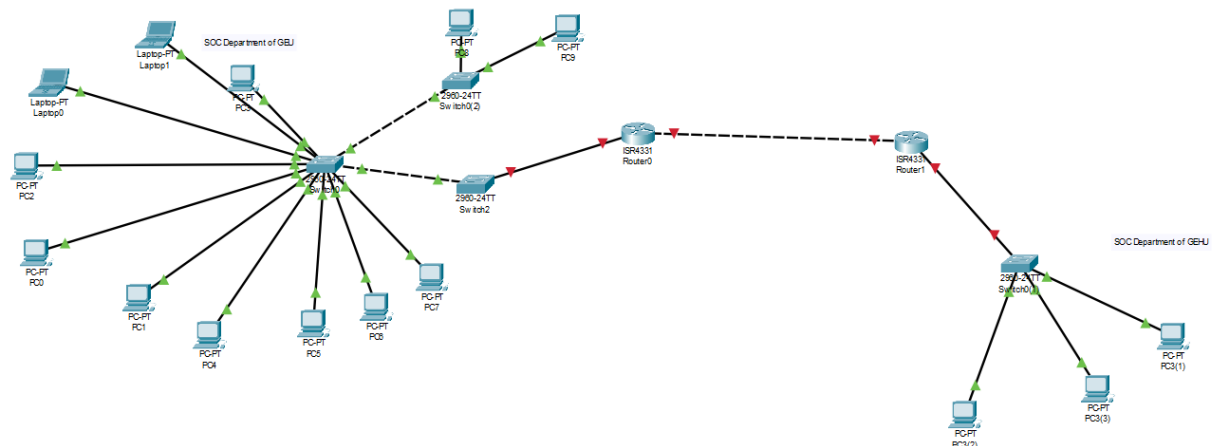
Qn2.

1.2-! PROBLEM-: There are two organisations in a city named GREU and GREHU, designed a network between the SOC department of GREU and GREHU. Also show the communication between user number 1 of GREU and user number 2 of GREHU.

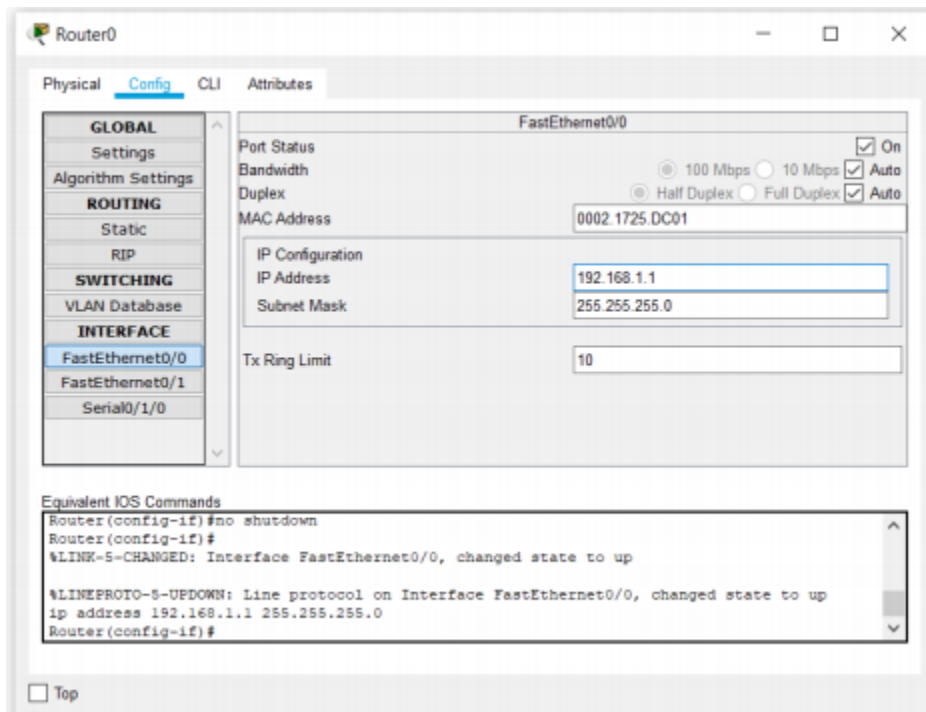
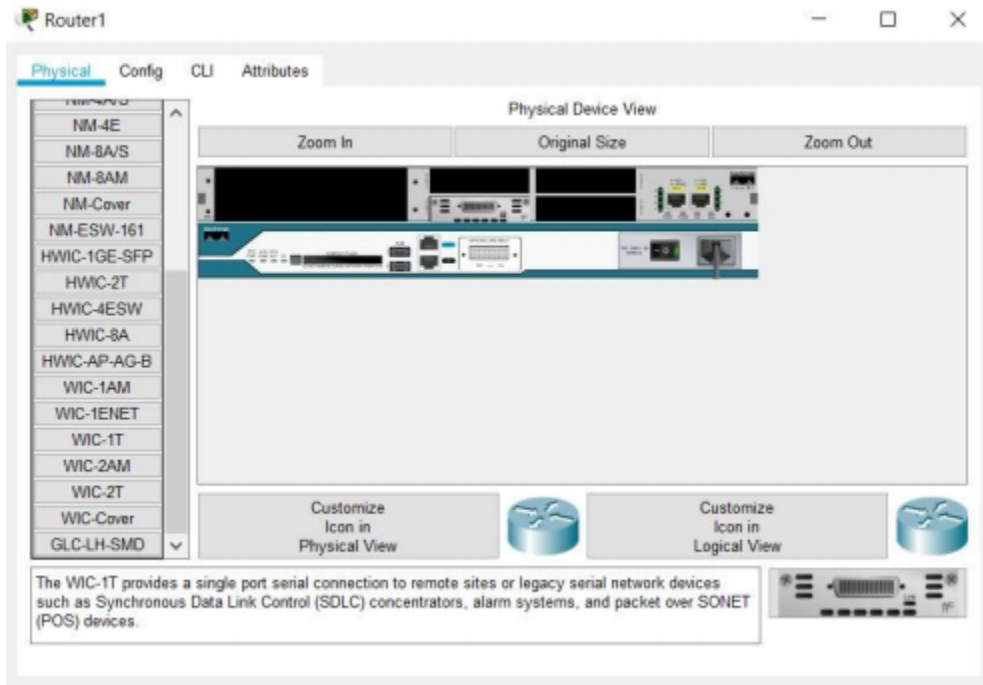
OBJECTIVE-: Understanding how to connect two ~~networks~~ networks.

Description-: Adding two different network using Routers.

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Router0

Physical Config CLI Attributes

GLOBAL

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

Serial0/1/0

Port Status ☒ On

Duplex ☒ Full Duplex

Clock Rate 64000

IP Configuration

IP Address 10.0.0.1

Subnet Mask 255.0.0.0

Tx Ring Limit 10

Equivalent IOS Commands

```
Router(config-if)#exit
Router(config)#interface Serial0/1/0
Router(config-if)#no shutdown
Router(config-if)#clock rate 64000
This command applies only to DCE interfaces
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#
```

☐ Top

PC0

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IP Address 192.168.1.2

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address /

Link Local Address FE80::206:2AFF:FE4A:7E09

IPv6 Gateway

IPv6 DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

☐ Top

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```
Packet Tracer PC Command Line 1.0
C:\>ping 172.150.1.1

Pinging 172.150.1.1 with 32 bytes of data:

Reply from 172.150.1.1: bytes=32 time=19ms TTL=128
Reply from 172.150.1.1: bytes=32 time=16ms TTL=128
Reply from 172.150.1.1: bytes=32 time=15ms TTL=128
Reply from 172.150.1.1: bytes=32 time=1ms TTL=128

Ping statistics for 172.150.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 19ms, Average = 12ms

C:\>
```