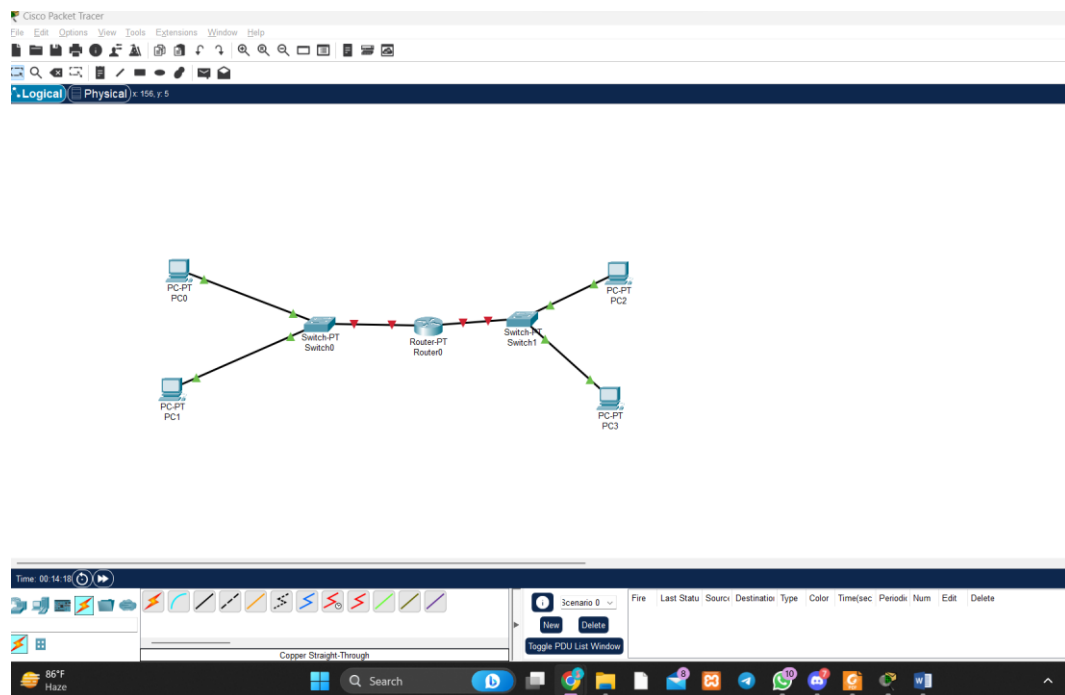


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FUNDAMENTAL NETWORK ACTIVITY 6



Router0

PhysicalConfigCLIAttributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet1/0

Port Status

Bandwidth

Duplex

MAC Address

IP Configuration

IPv4 Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

Router(config-if)#ip address 172.16.1.1 255.255.0.0

Router(config-if)#ip address 172.16.1.1 255.255.0.0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet1/0

Router(config-if)#

Switch-PT

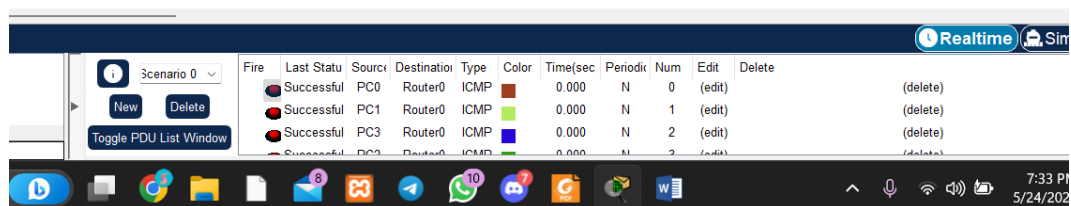
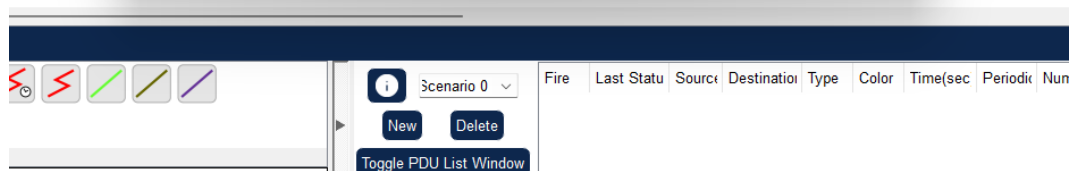
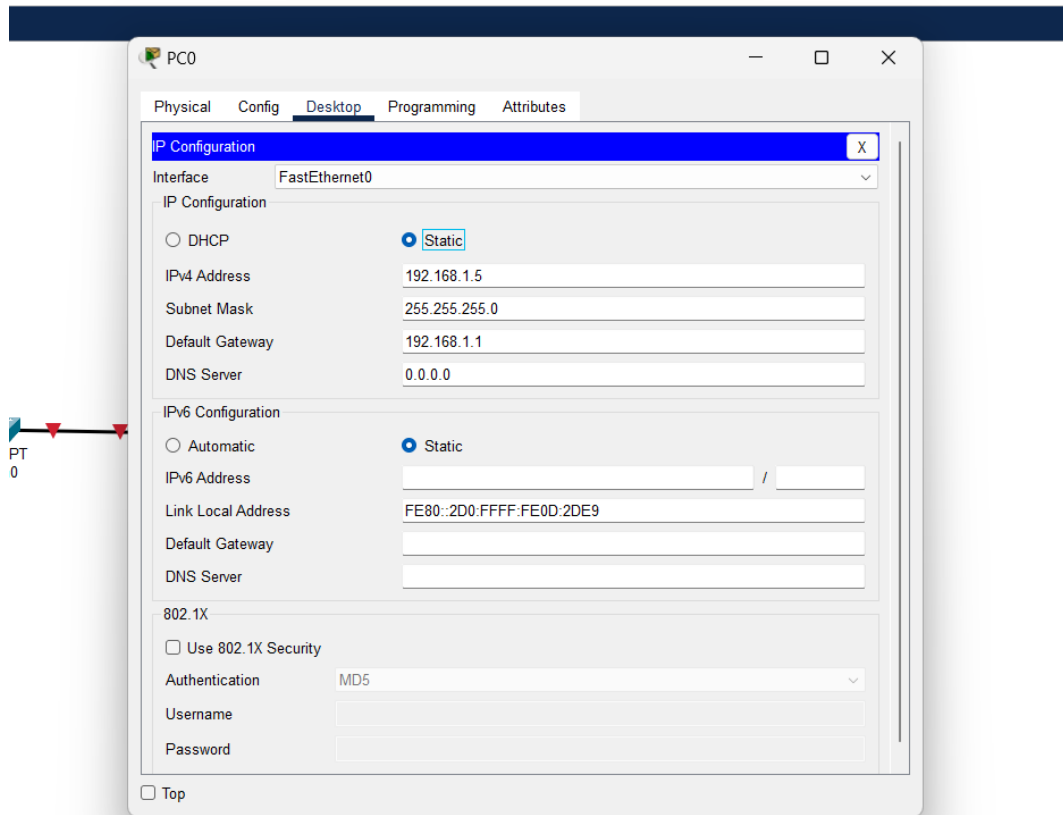
Switch0

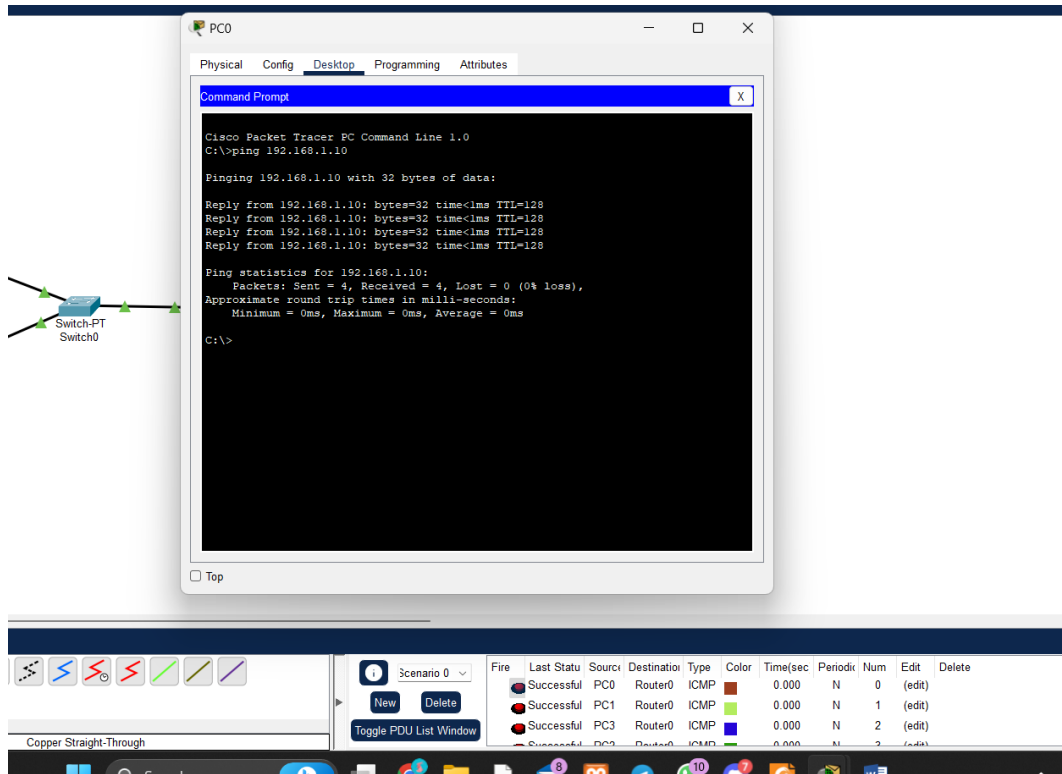
Scenario 0

NewDelete

Toggle PDU List Window

FireLast StatuSourceDestinationTypeColorTime(sec)PeriodicNumEditDelete





2.

The screenshot displays the Router5 configuration interface. The 'Config' tab is active, showing a tree view on the left with categories: GLOBAL, ROUTING, SWITCHING, and INTERFACE. Under the INTERFACE category, 'Ethernet0/1/0' is selected. The main panel shows the configuration for 'Ethernet0/1/0'. The 'Port Status' is 'On'. 'Bandwidth' is set to '10 Mbps'. 'Duplex' is set to 'Full Duplex'. The 'MAC Address' is '0090.2107.1849'. The 'IP Configuration' section shows 'IPv4 Address' as '10.10.10.1' and 'Subnet Mask' as '255.0.0.0'. The 'Tx Ring Limit' is set to '10'. Below the configuration panel, there is a section for 'Equivalent IOS Commands' with a text area containing the following commands:

```
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface Ethernet0/1/0
Router(config-if)#
```

At the bottom of the window, there is a 'Top' button. Below the Router5 window, a toolbar is visible with icons for a pencil, eraser, and a selection tool, followed by a dropdown menu showing 'Scenario 0' and a series of buttons: 'Fire', 'Last Status', 'Source', 'Destination', 'Type', 'Color', and 'Time(sec)'.

Router5

PhysicalConfigCLIAttributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

Ethernet0/1/0

FastEthernet0/1

Port Status

☒ On

Bandwidth

☒ 100 Mbps☐ 10 Mbps

☒ Auto

Duplex

☐ Half Duplex☒ Full Duplex

☒ Auto

MAC Address0040.0BA1.6902

IP Configuration

IPv4 Address172.16.1.1

Subnet Mask255.255.0.0

Tx Ring Limit10

Equivalent IOS Commands

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#
```

☐ Top

Scenario 0

Fire

Last Status

Source

Destination

Type

Color

Time(sec)

Router5

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

Ethernet0/1/0

FastEthernet0/0

Port Status

On

Bandwidth

100 Mbps

10 Mbps

Auto

Duplex

Half Duplex

Full Duplex

Auto

MAC Address0040.0BA1.6901

IP Configuration

IPv4 Address192.168.1.1

Subnet Mask255.255.255.0

Tx Ring Limit10

Equivalent IOS Commands

Router>enable

Router#

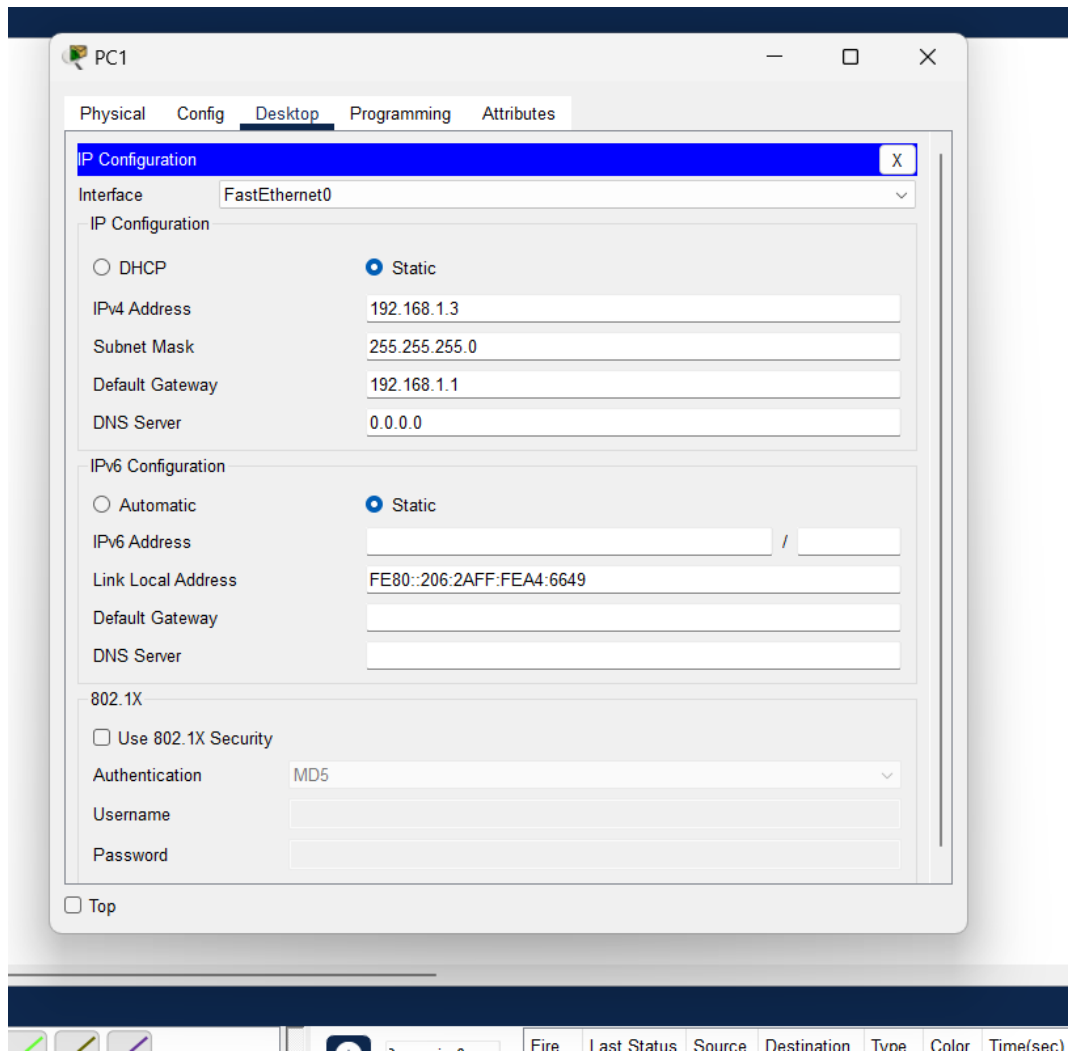
Router#configure terminal

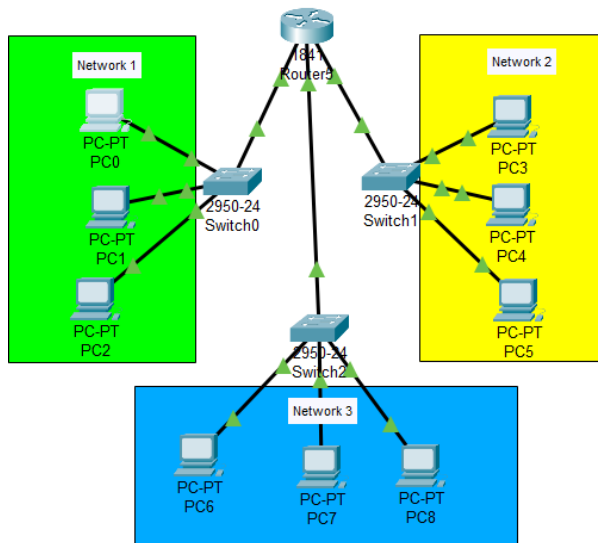
Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface FastEthernet0/0

Router(config-if)#

Top





PC0

Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 172.16.1.2

Pinging 172.16.1.2 with 32 bytes of data:

Request timed out.
Reply from 172.16.1.2: bytes=32 time=7ms TTL=127
Reply from 172.16.1.2: bytes=32 time<1ms TTL=127
Reply from 172.16.1.2: bytes=32 time<1ms TTL=127

Ping statistics for 172.16.1.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 7ms, Average = 2ms

C:\>ping 10.10.10.2

Pinging 10.10.10.2 with 32 bytes of data:

Request timed out.
Reply from 10.10.10.2: bytes=32 time<1ms TTL=127
Reply from 10.10.10.2: bytes=32 time=10ms TTL=127
Reply from 10.10.10.2: bytes=32 time<1ms TTL=127

Ping statistics for 10.10.10.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 10ms, Average = 3ms

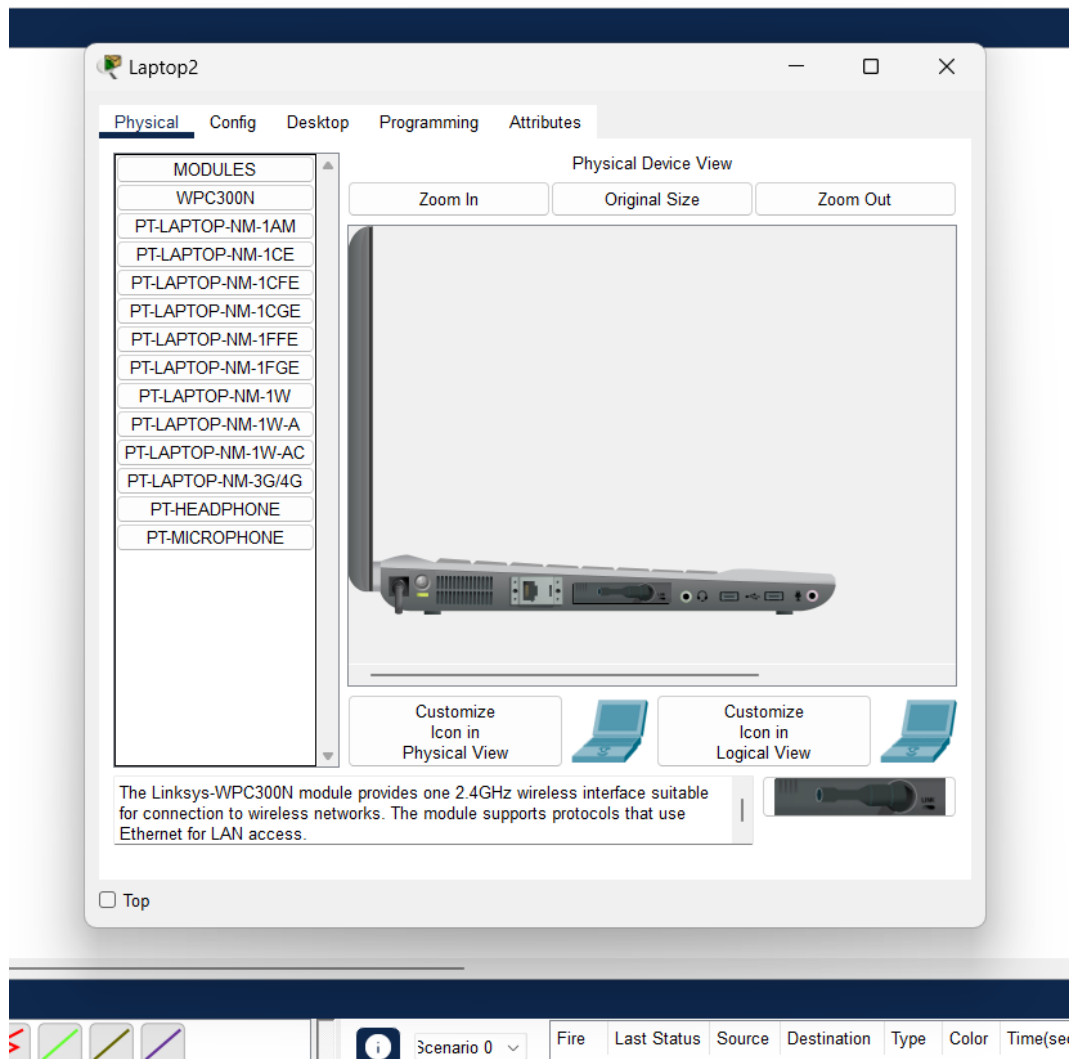
C:\>
```

☐ Top

The screenshot shows the Router5 configuration window with the 'Config' tab selected. The left sidebar contains a tree view with categories: GLOBAL, ROUTING, SWITCHING, and INTERFACE. Under the INTERFACE category, 'FastEthernet0/0' is selected. The main panel displays the configuration for 'FastEthernet0/0'. The 'Port Status' is 'On'. 'Bandwidth' is set to '100 Mbps'. 'Duplex' is set to 'Full Duplex'. The 'MAC Address' is '0040.0BA1.6901'. The 'IP Configuration' section shows 'IPv4 Address' as '192.168.1.1' and 'Subnet Mask' as '255.255.255.0'. The 'Tx Ring Limit' is set to '10'. Below the configuration panel, the 'Equivalent IOS Commands' section shows the following commands:

```
Router(config-if)#  
%LINK-5-CHANGED: Interface Ethernet0/1/0, changed state to up  
  
%LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0/1/0, changed state to up  
  
Router(config-if)#exit  
Router(config)#interface FastEthernet0/0  
Router(config-if)#
```

At the bottom of the window, there is a 'Top' button. Below the Router5 window, a portion of another application is visible, showing a toolbar with icons for eraser, pencil, and line, and a table with columns: Scenario 0, Fire, Last Status, Source, Destination, Type, Color, and Time(se).





Logical Physical x: 4, y: 0

