

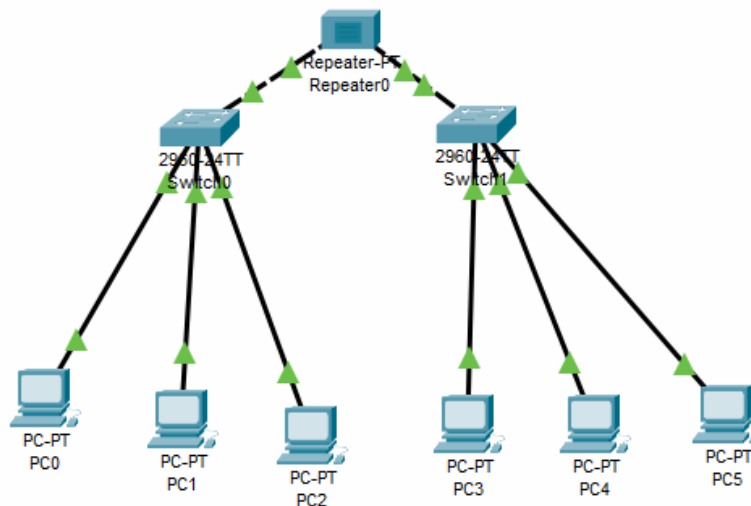
CN LAB

PRACTICAL-4 (b)

ACTIVITY 1:- Working on cisco packet tracker Study of various networking and inter -networking devices Router

Task to be performed:

- Study the following networking and inter - networking devices
- Repeater
- Router



```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 172.16.73.2

Pinging 172.16.73.2 with 32 bytes of data:

Reply from 172.16.73.2: bytes=32 time=14ms TTL=128
Reply from 172.16.73.2: bytes=32 time=11ms TTL=128
Reply from 172.16.73.2: bytes=32 time<1ms TTL=128
Reply from 172.16.73.2: bytes=32 time=11ms TTL=128

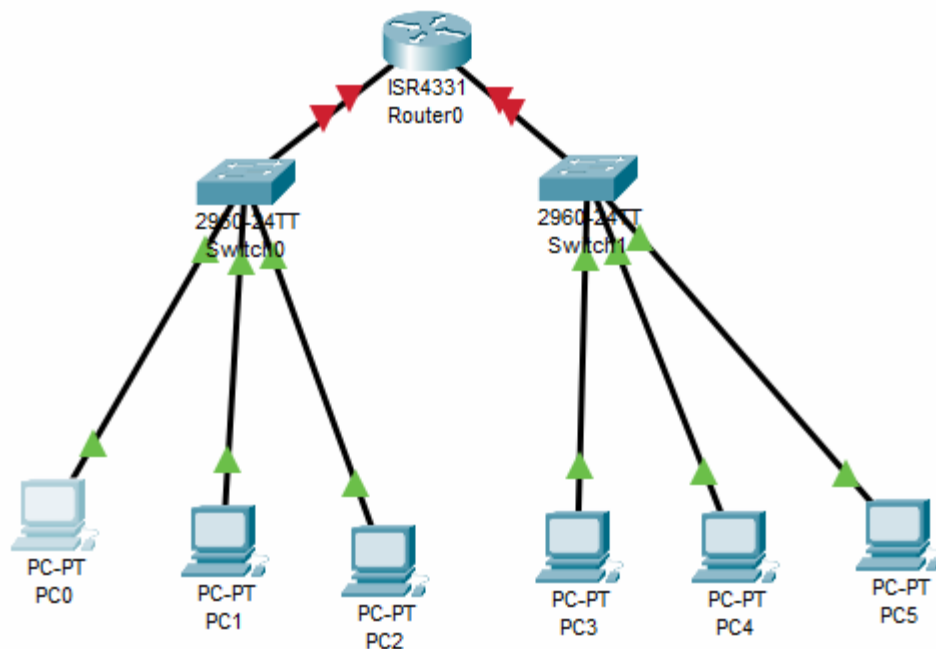
Ping statistics for 172.16.73.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 14ms, Average = 9ms
```

```
C:\>ping 172.16.73.6

Pinging 172.16.73.6 with 32 bytes of data:

Reply from 172.16.73.6: bytes=32 time=9ms TTL=128
Reply from 172.16.73.6: bytes=32 time<1ms TTL=128
Reply from 172.16.73.6: bytes=32 time=11ms TTL=128
Reply from 172.16.73.6: bytes=32 time=1ms TTL=128

Ping statistics for 172.16.73.6:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 11ms, Average = 5ms
```



```

C:\>ping 172.16.73.6

Pinging 172.16.73.6 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 172.16.73.6:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 172.16.73.3

Pinging 172.16.73.3 with 32 bytes of data:

Reply from 172.16.73.3: bytes=32 time<1ms TTL=128
Reply from 172.16.73.3: bytes=32 time<1ms TTL=128
Reply from 172.16.73.3: bytes=32 time<1ms TTL=128
Reply from 172.16.73.3: bytes=32 time<1ms TTL=128

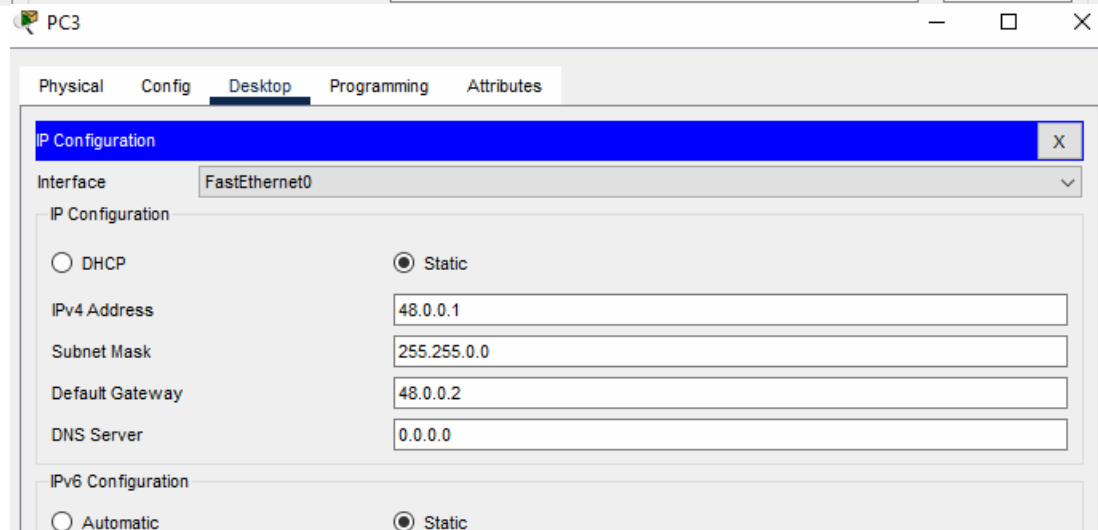
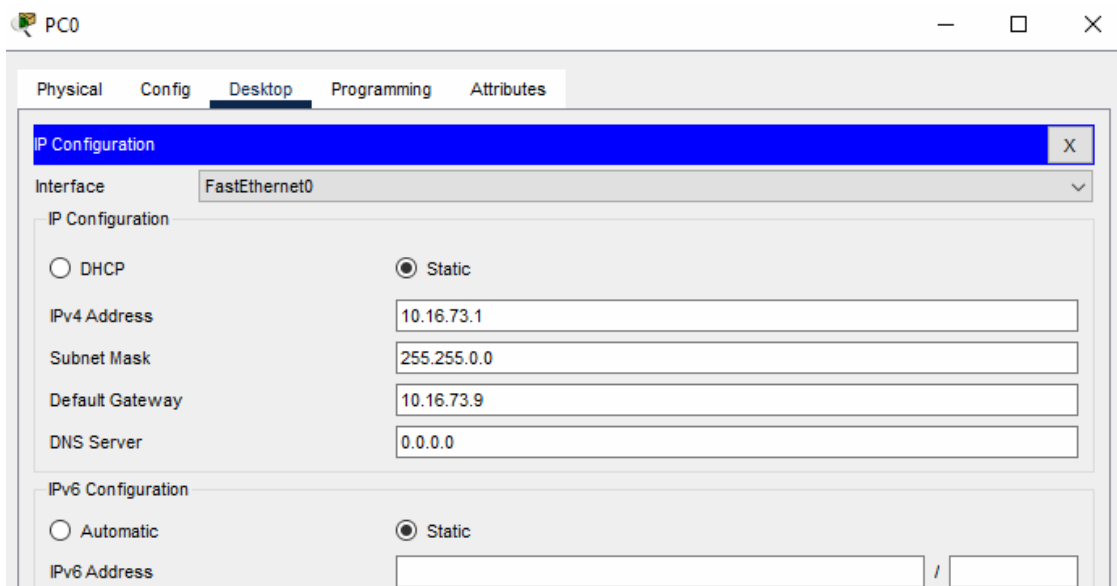
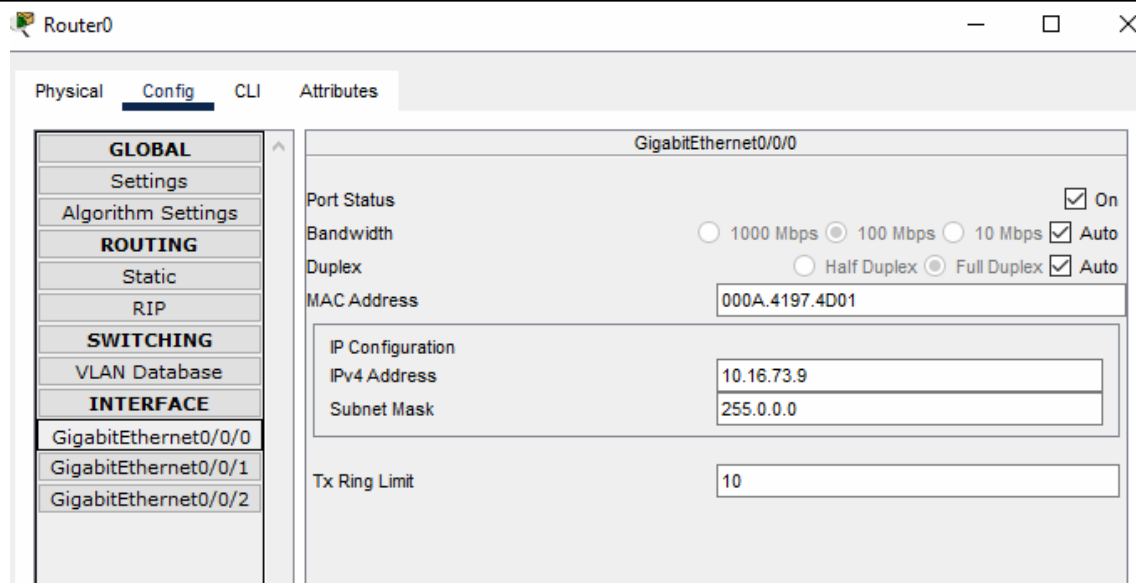
Ping statistics for 172.16.73.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
  
```

Router0

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Physical Config CLI Attributes

GLOBAL	GigabitEthernet0/0/1	
Settings	Port Status	<input checked="" type="checkbox"/> On
Algorithm Settings	Bandwidth	<input type="radio"/> 1000 Mbps <input type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
ROUTING	Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
Static	MAC Address	000A.4197.4D02
RIP	<div>IP Configuration</div> <div>IPv4 Address: 48.0.0.2</div> <div>Subnet Mask: 255.0.0.0</div>	
SWITCHING	Tx Ring Limit: 10	
VLAN Database		
INTERFACE		
GigabitEthernet0/0/0		
GigabitEthernet0/0/1		
GigabitEthernet0/0/2		



```
C:\>ping 48.0.0.1

Pinging 48.0.0.1 with 32 bytes of data:

Reply from 48.0.0.1: bytes=32 time<1ms TTL=127
Reply from 48.0.0.1: bytes=32 time<1ms TTL=127
Reply from 48.0.0.1: bytes=32 time<1ms TTL=127
Reply from 48.0.0.1: bytes=32 time<1ms TTL=127

Ping statistics for 48.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

