

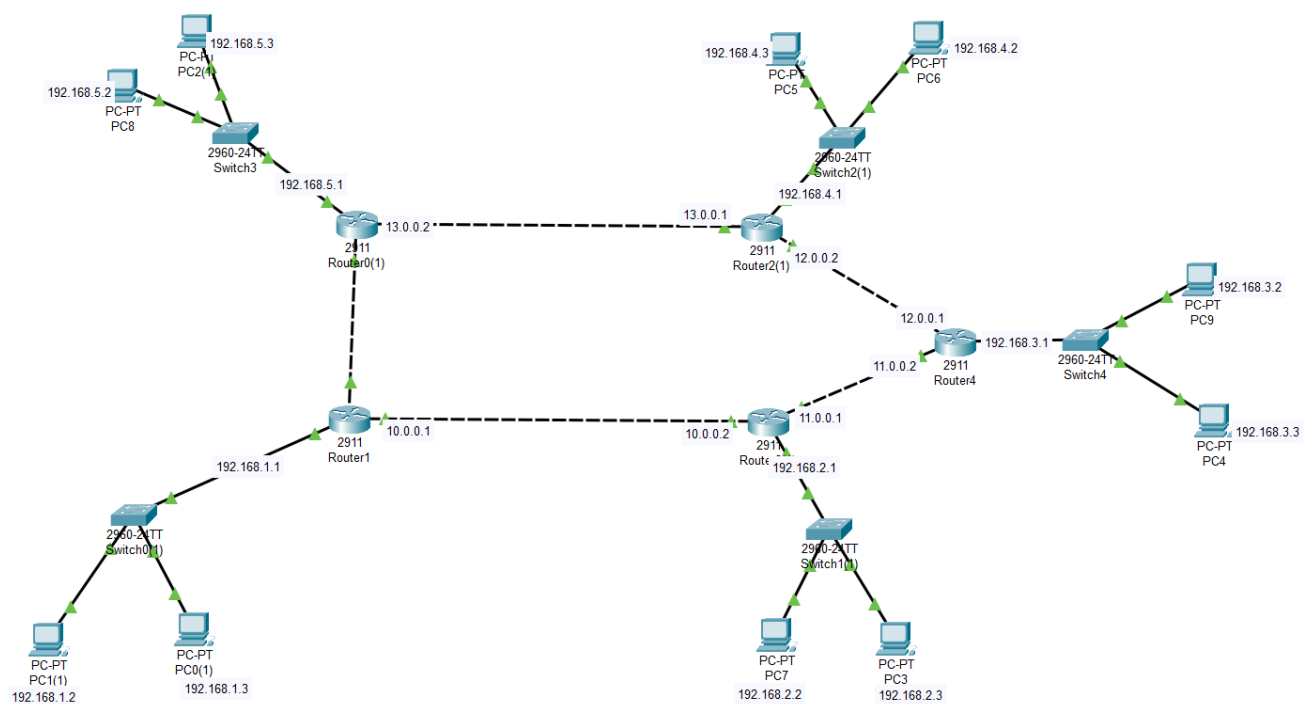
Name : Bramha Nimbalkar

Roll no : 7

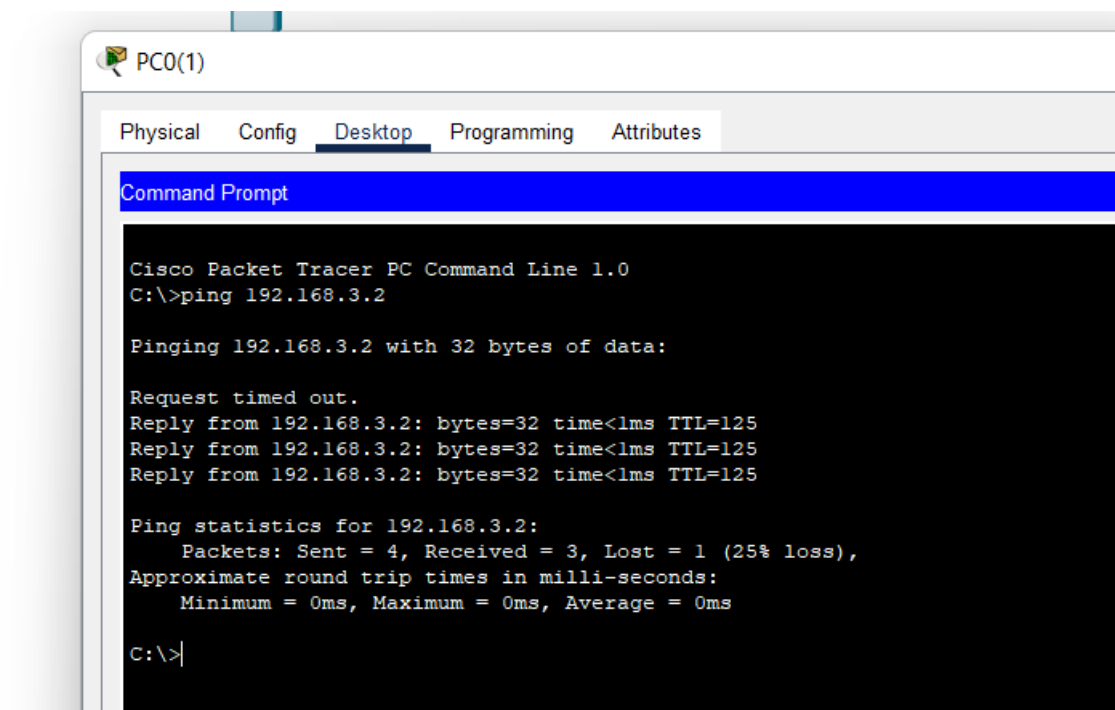
SRN : 202100381

## ASSIGNMENT 5

### Configuration of router for implementation of RIP protocol



Below is the example of sending packets from one network to other



The screenshot shows a window titled 'PC0(1)' with tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Desktop' tab is active, displaying a 'Command Prompt' window. The command prompt shows the execution of a 'ping' command to the IP address 192.168.3.2. The output indicates that the ping was successful, with 32 bytes of data being sent and received, and a TTL of 125. The ping statistics show 4 packets sent, 3 received, and 1 lost (25% loss). The approximate round trip times in milliseconds are: Minimum = 0ms, Maximum = 0ms, Average = 0ms.

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.3.2

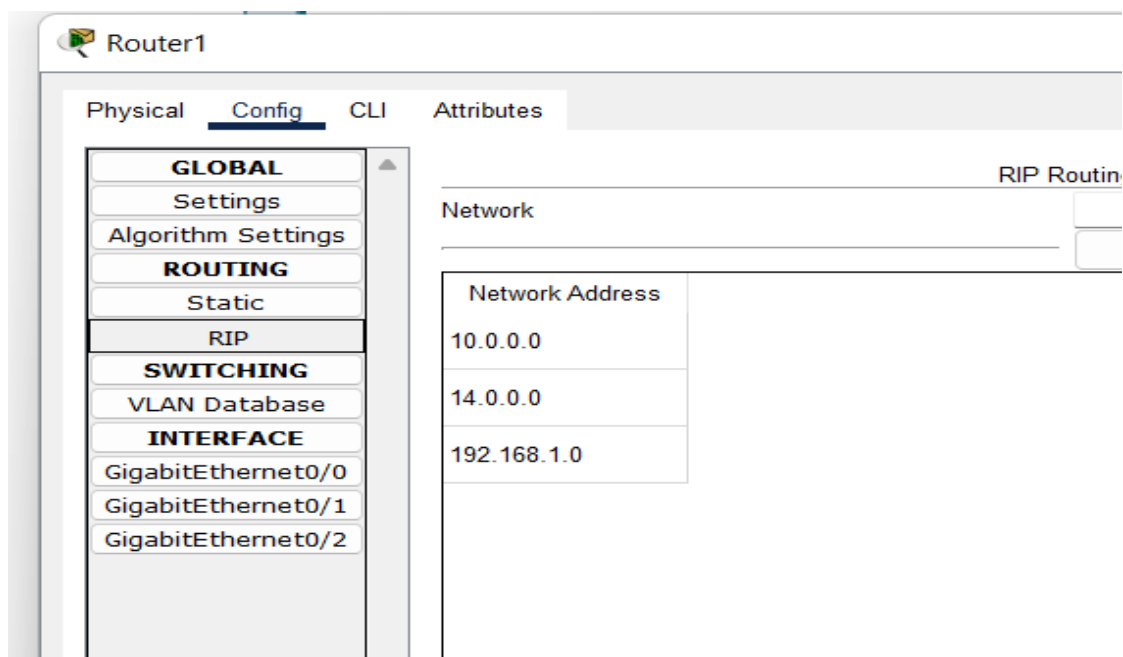
Pinging 192.168.3.2 with 32 bytes of data:

Request timed out.
Reply from 192.168.3.2: bytes=32 time<1ms TTL=125
Reply from 192.168.3.2: bytes=32 time<1ms TTL=125
Reply from 192.168.3.2: bytes=32 time<1ms TTL=125

Ping statistics for 192.168.3.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

Routing tables created are:



The screenshot shows a window titled 'Router1' with tabs for 'Physical', 'Config', 'CLI', and 'Attributes'. The 'Config' tab is active, displaying the 'RIP Routing' configuration page. The 'Network' section is expanded, showing a list of network addresses: 10.0.0.0, 14.0.0.0, and 192.168.1.0. The 'RIP Routing' section is also visible, showing the 'RIP' protocol selected.

Network Address
10.0.0.0
14.0.0.0
192.168.1.0

Router3(1)

Physical Config CLI Attributes

<b>GLOBAL</b>	RIP Routing	
Settings	Network	
Algorithm Settings		
<b>ROUTING</b>		
Static		
<b>RIP</b>		
<b>SWITCHING</b>		
VLAN Database		
<b>INTERFACE</b>		
GigabitEthernet0/0		
GigabitEthernet0/1		
GigabitEthernet0/2		

Network Address
10.0.0.0
11.0.0.0
192.168.2.0

Router4

Physical Config CLI Attributes

<b>GLOBAL</b>	RIP Routing	
Settings	Network	
Algorithm Settings		
<b>ROUTING</b>		
Static		
<b>RIP</b>		
<b>SWITCHING</b>		
VLAN Database		
<b>INTERFACE</b>		
GigabitEthernet0/0		
GigabitEthernet0/1		
GigabitEthernet0/2		

Network Address
11.0.0.0
12.0.0.0
192.168.3.0

Router2(1)

Physical **Config** CLI Attributes

**GLOBAL**  
Settings  
Algorithm Settings  
**ROUTING**  
Static  
**RIP**  
**SWITCHING**  
VLAN Database  
**INTERFACE**  
GigabitEthernet0/0  
GigabitEthernet0/1  
GigabitEthernet0/2

RIP Routing

Network

Ad

Network Address
12.0.0.0
13.0.0.0
192.168.4.0

Router0(1)

Physical **Config** CLI Attributes

**GLOBAL**  
Settings  
Algorithm Settings  
**ROUTING**  
Static  
**RIP**  
**SWITCHING**  
VLAN Database  
**INTERFACE**  
GigabitEthernet0/0  
GigabitEthernet0/1  
GigabitEthernet0/2

RIP Routing

Network

Network Address
13.0.0.0
14.0.0.0
192.168.5.0