

LAB OUTPUT:

TOPOLOGY:

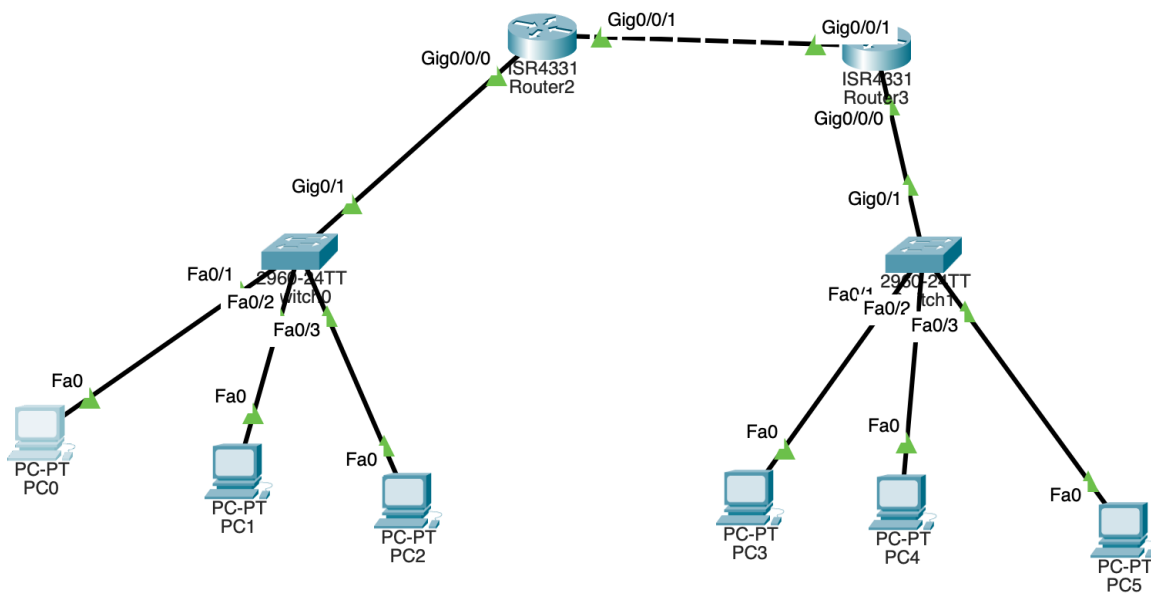
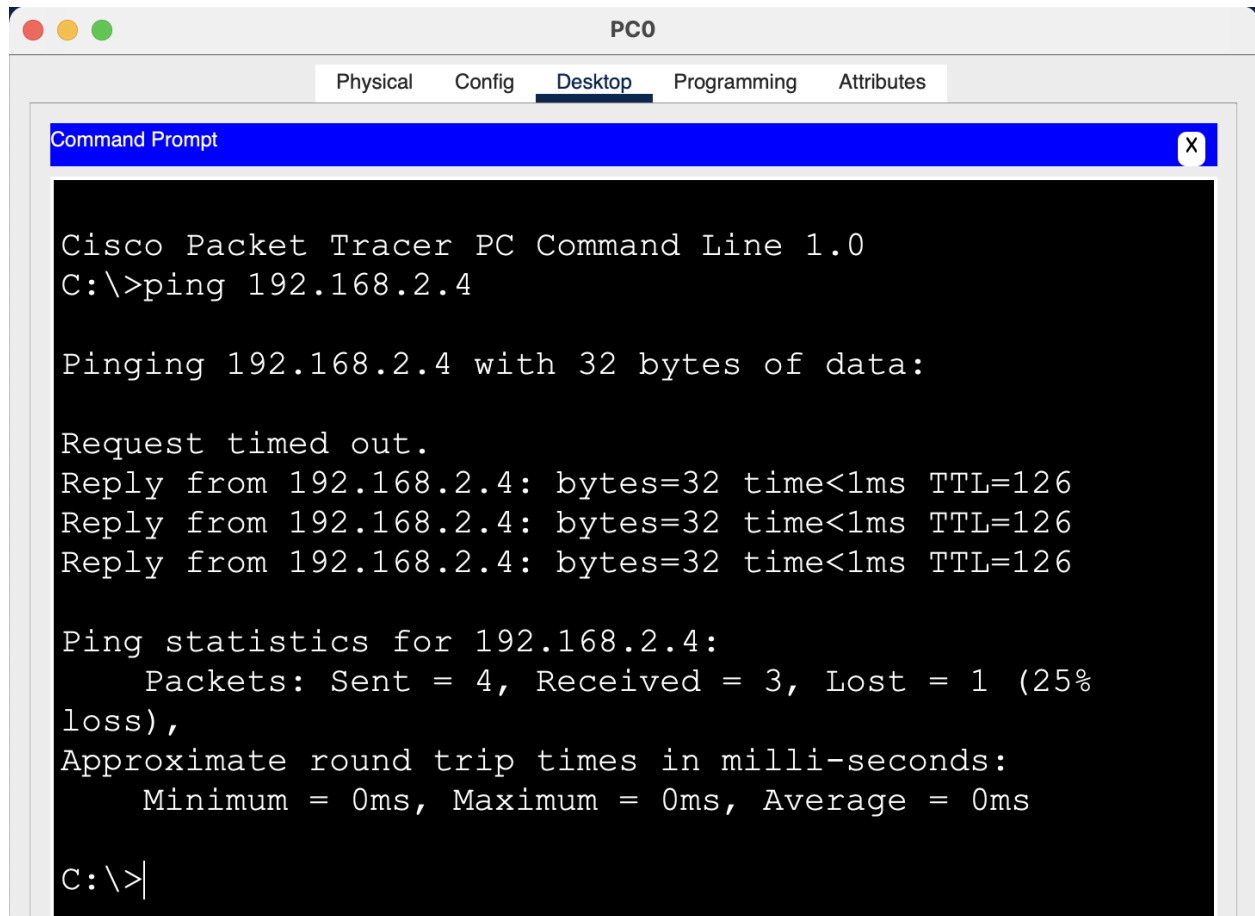


FIG:Implementing Dynamic Routing

TESTING CONNECTIVITY FROM BOTH SIDES:



The screenshot shows a Cisco Packet Tracer PC Command Prompt window for PC0. The window has tabs for Physical, Config, Desktop (selected), Programming, and Attributes. The Command Prompt displays the following text:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.2.4

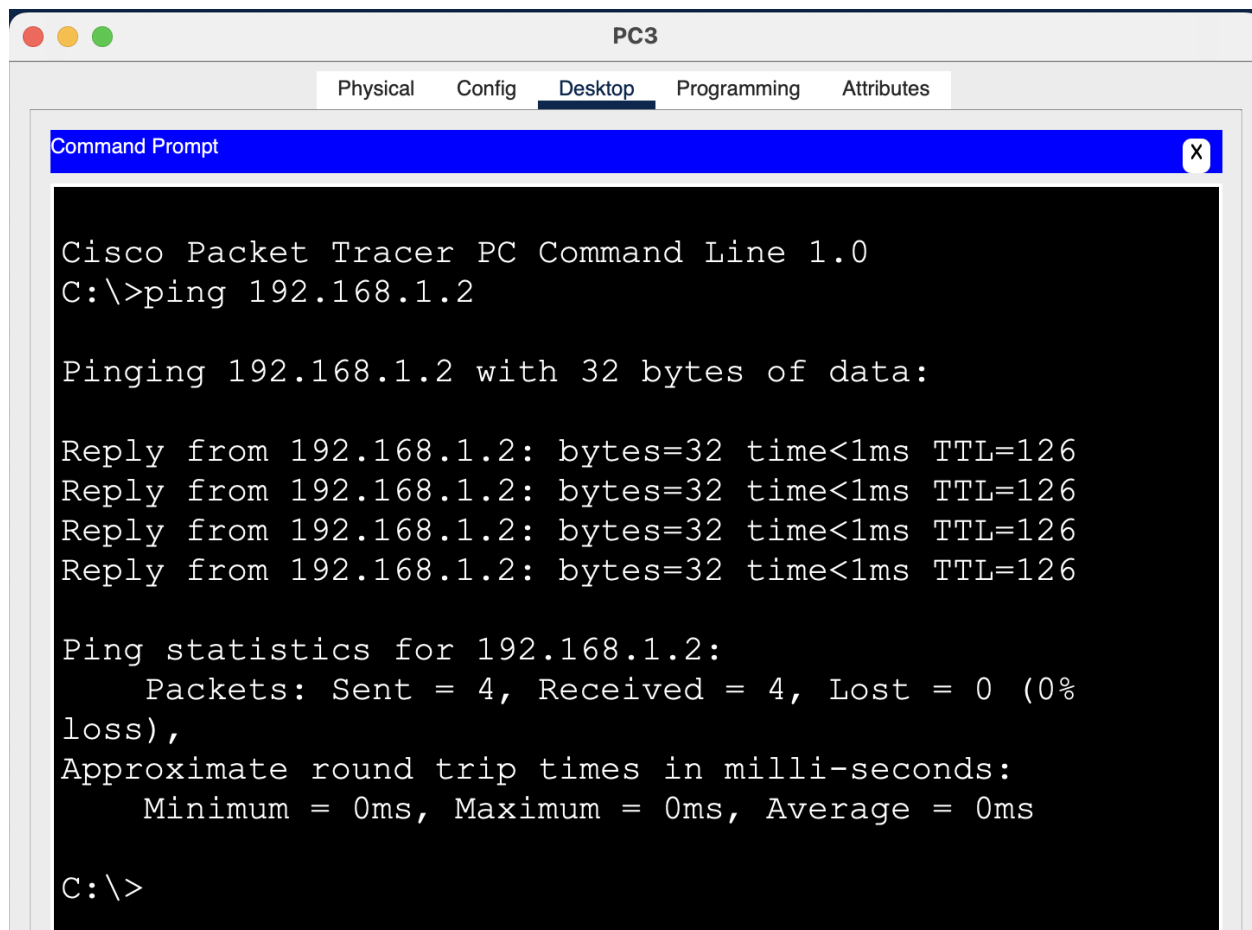
Pinging 192.168.2.4 with 32 bytes of data:

Request timed out.
Reply from 192.168.2.4: bytes=32 time<1ms TTL=126
Reply from 192.168.2.4: bytes=32 time<1ms TTL=126
Reply from 192.168.2.4: bytes=32 time<1ms TTL=126

Ping statistics for 192.168.2.4:
    Packets: Sent = 4, Received = 3, Lost = 1 (25%
loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>|
```

Fig: Testing from network 1 to network 2



The image shows a screenshot of a PC3 window in Cisco Packet Tracer. The window has a title bar with three colored buttons (red, yellow, green) and the text "PC3". Below the title bar is a tabbed interface with four tabs: "Physical", "Config", "Desktop", and "Attributes". The "Desktop" tab is selected. Inside the "Desktop" tab is a "Command Prompt" window. The Command Prompt has a blue title bar with the text "Command Prompt" and a close button (X). The main area of the Command Prompt is black with white text. The text shows the following sequence of commands and output:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:

Reply from 192.168.1.2: bytes=32 time<1ms TTL=126
Reply from 192.168.1.2: bytes=32 time<1ms TTL=126
Reply from 192.168.1.2: bytes=32 time<1ms TTL=126
Reply from 192.168.1.2: bytes=32 time<1ms TTL=126

Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0%
loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

Fig: Testing connectivity from network 2 to network 1