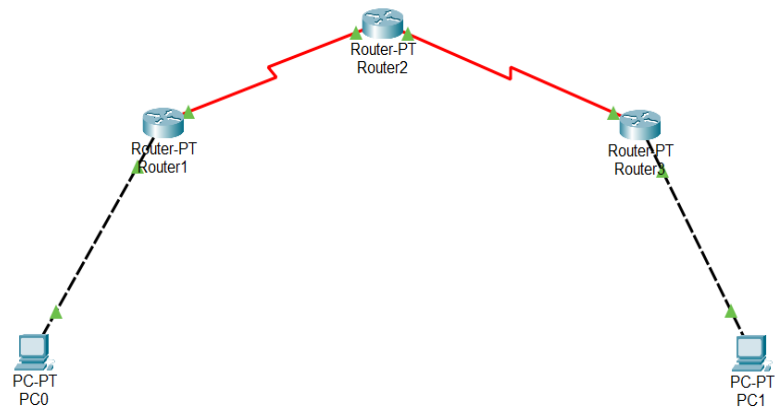


# COMPUTER NETWORKS

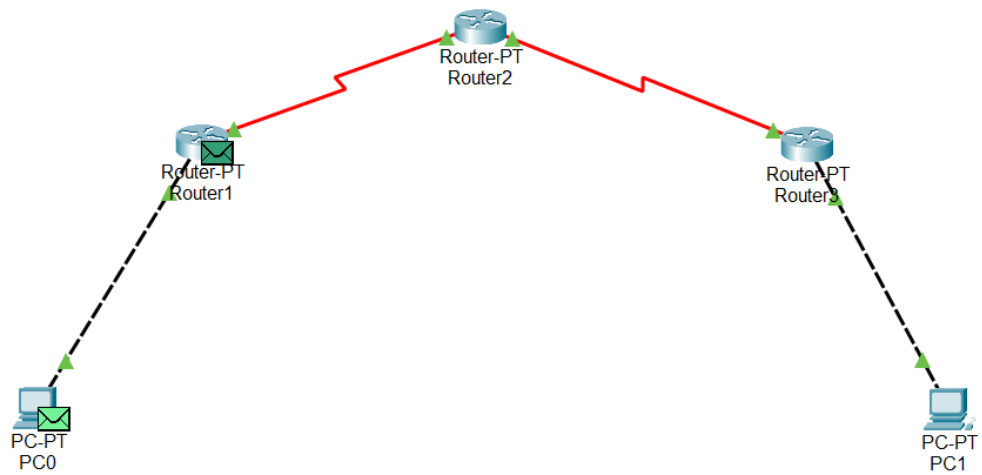
## EXPERIMENT-03

### STATIC ROUTING

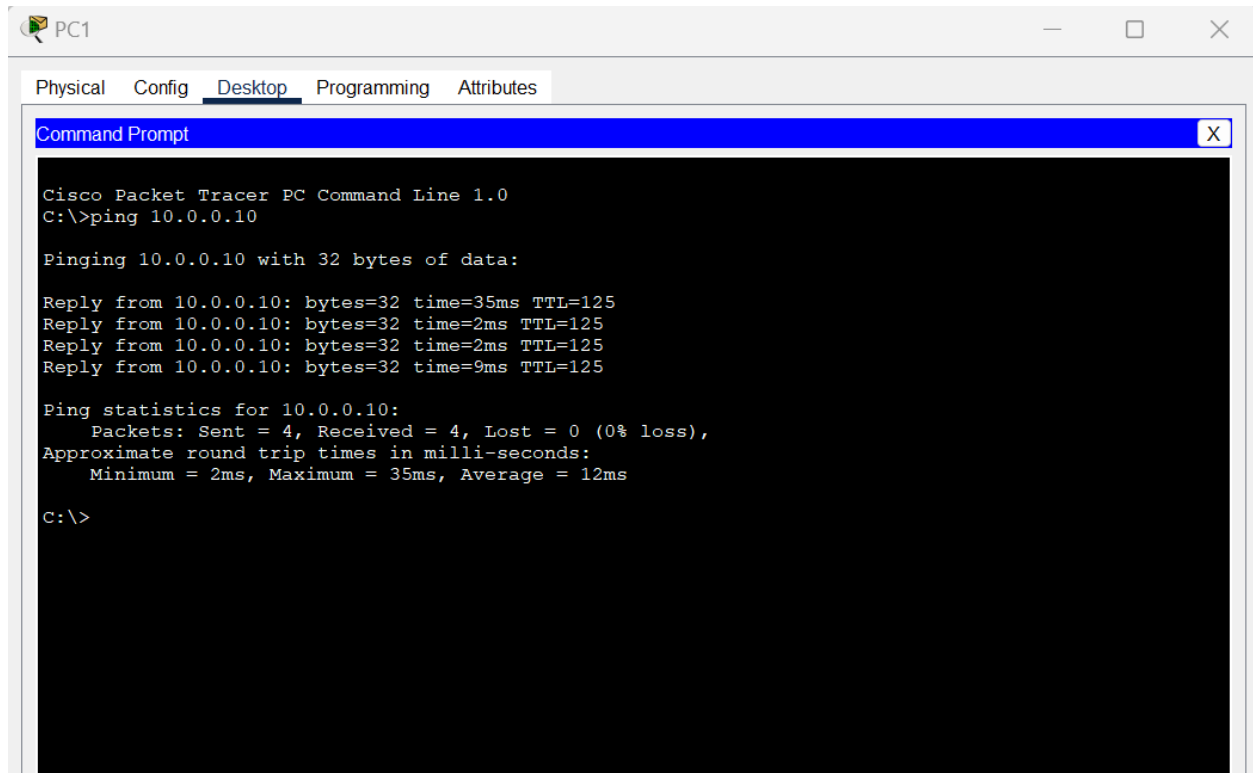
TOPOLOGY:



SIMULATION:



## OUTPUT:



The screenshot shows a Cisco Packet Tracer interface with a 'PC1' window. The 'Desktop' tab is selected, displaying a 'Command Prompt' window. The command prompt shows the execution of a 'ping 10.0.0.10' command, resulting in four successful replies and a summary of statistics.

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.10

Pinging 10.0.0.10 with 32 bytes of data:

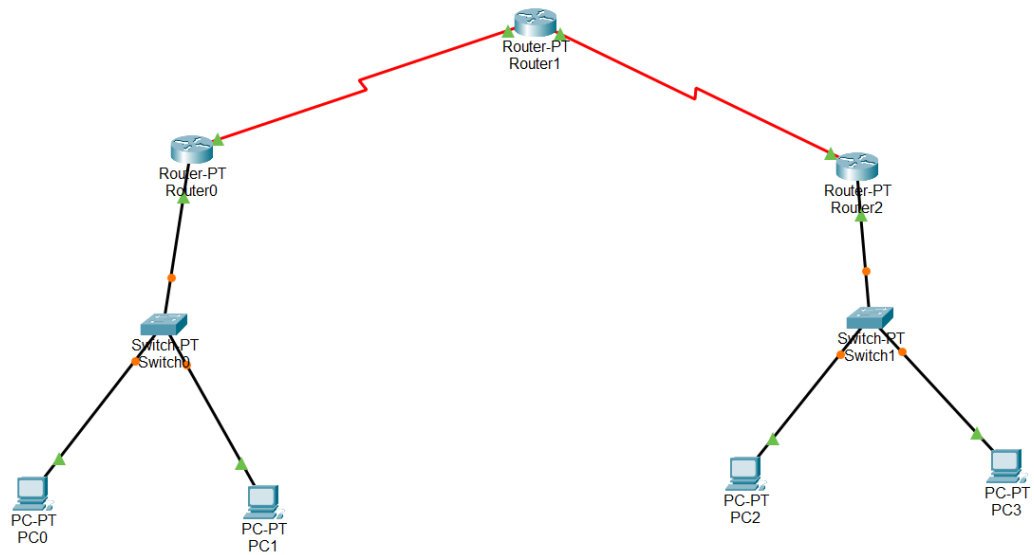
Reply from 10.0.0.10: bytes=32 time=35ms TTL=125
Reply from 10.0.0.10: bytes=32 time=2ms TTL=125
Reply from 10.0.0.10: bytes=32 time=2ms TTL=125
Reply from 10.0.0.10: bytes=32 time=9ms TTL=125

Ping statistics for 10.0.0.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 35ms, Average = 12ms

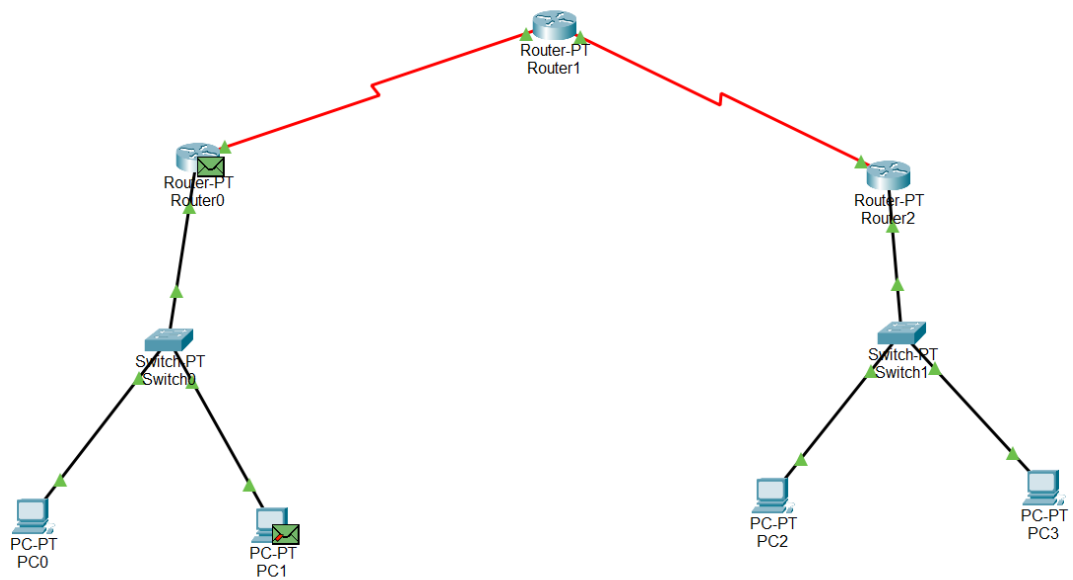
C:\>
```

## DEFAULT ROUTING:

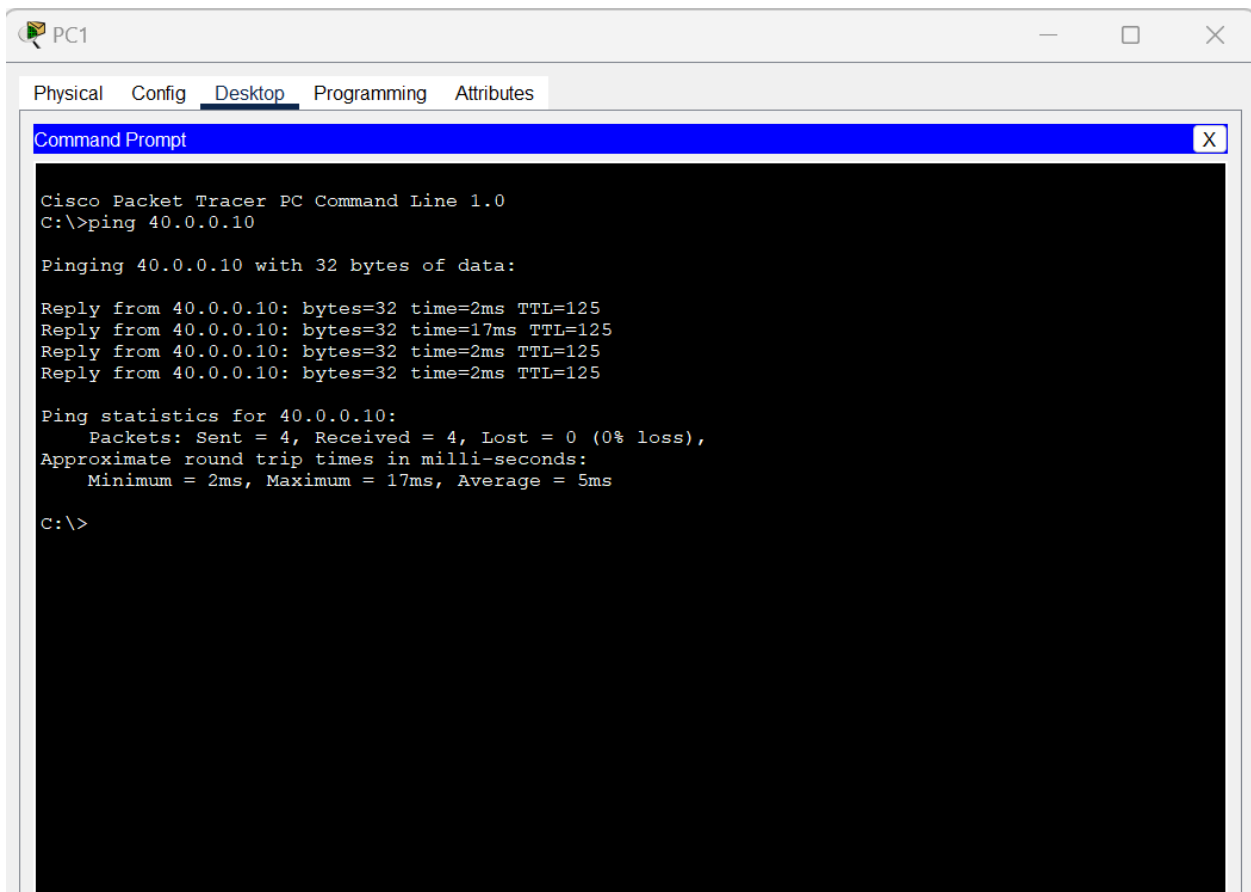
TOPOLOGY:



SIMULATION:



OUTPUT:



The screenshot shows a window titled "PC1" 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 40.0.0.10. The output indicates that 4 packets were sent, all were received, and there was 0% loss. The round trip times are listed as Minimum = 2ms, Maximum = 17ms, and Average = 5ms.

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 40.0.0.10

Pinging 40.0.0.10 with 32 bytes of data:

Reply from 40.0.0.10: bytes=32 time=2ms TTL=125
Reply from 40.0.0.10: bytes=32 time=17ms TTL=125
Reply from 40.0.0.10: bytes=32 time=2ms TTL=125
Reply from 40.0.0.10: bytes=32 time=2ms TTL=125

Ping statistics for 40.0.0.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 17ms, Average = 5ms

C:\>
```