

DCCN ISE- NAT TASK 1

Name: Neha Kale(2018130018)

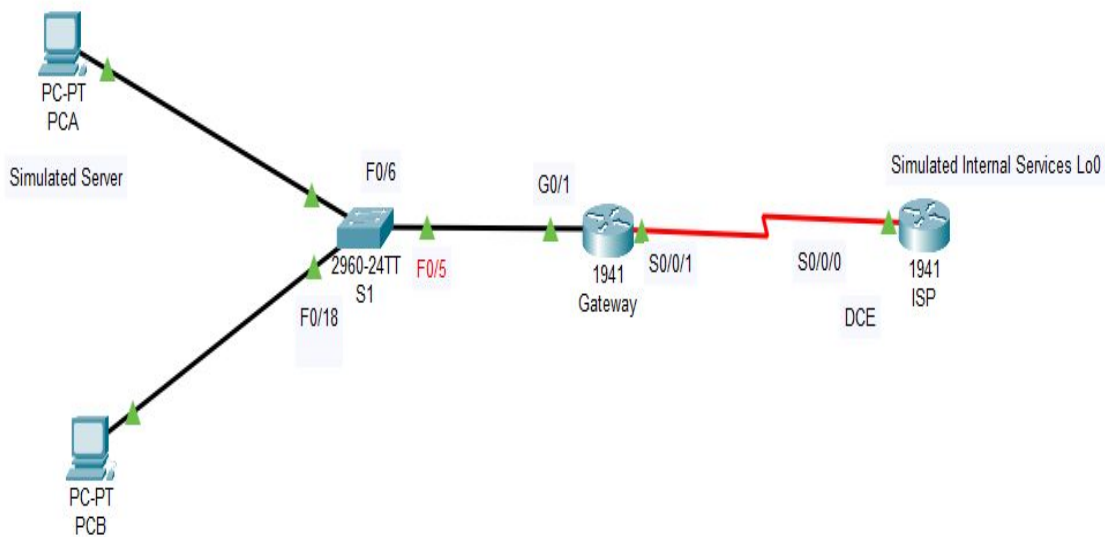
Shivangi Kochrekar(2018130020)

Rishita Mote(2018130029)

Batch B (TE COMPS)

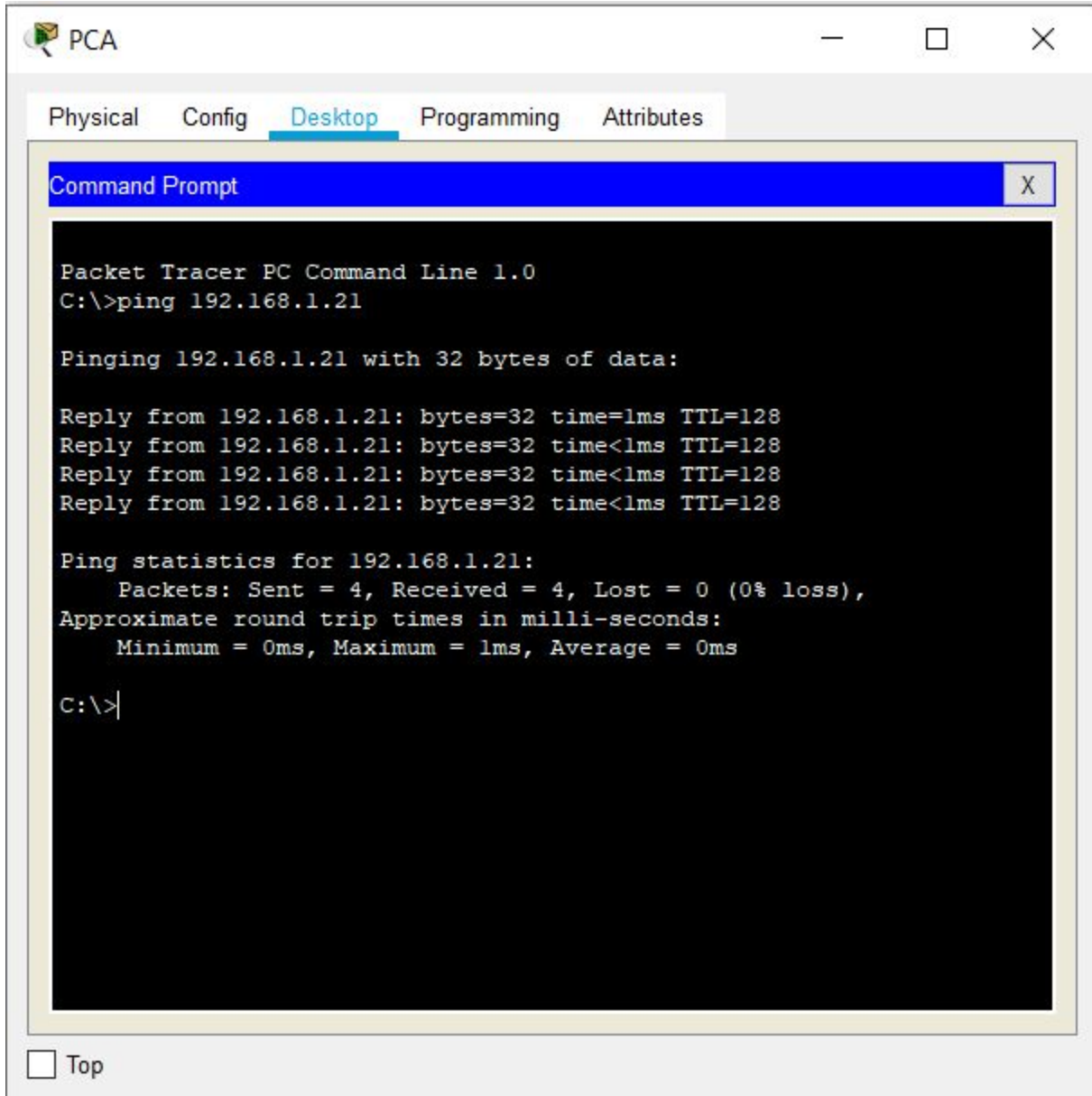
TASK 1: To set up the topology and verify end to end configuration.

Complete Network:



RESULT:

For PC-A:



The screenshot shows a Packet Tracer window titled 'PCA' with a 'Desktop' tab selected. Inside the window is a 'Command Prompt' window with a black background and white text. The text shows the execution of a 'ping' command to the IP address 192.168.1.21. The output indicates that all four packets were received successfully with 0% loss. The window also includes a 'Top' button at the bottom left.

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.21

Pinging 192.168.1.21 with 32 bytes of data:

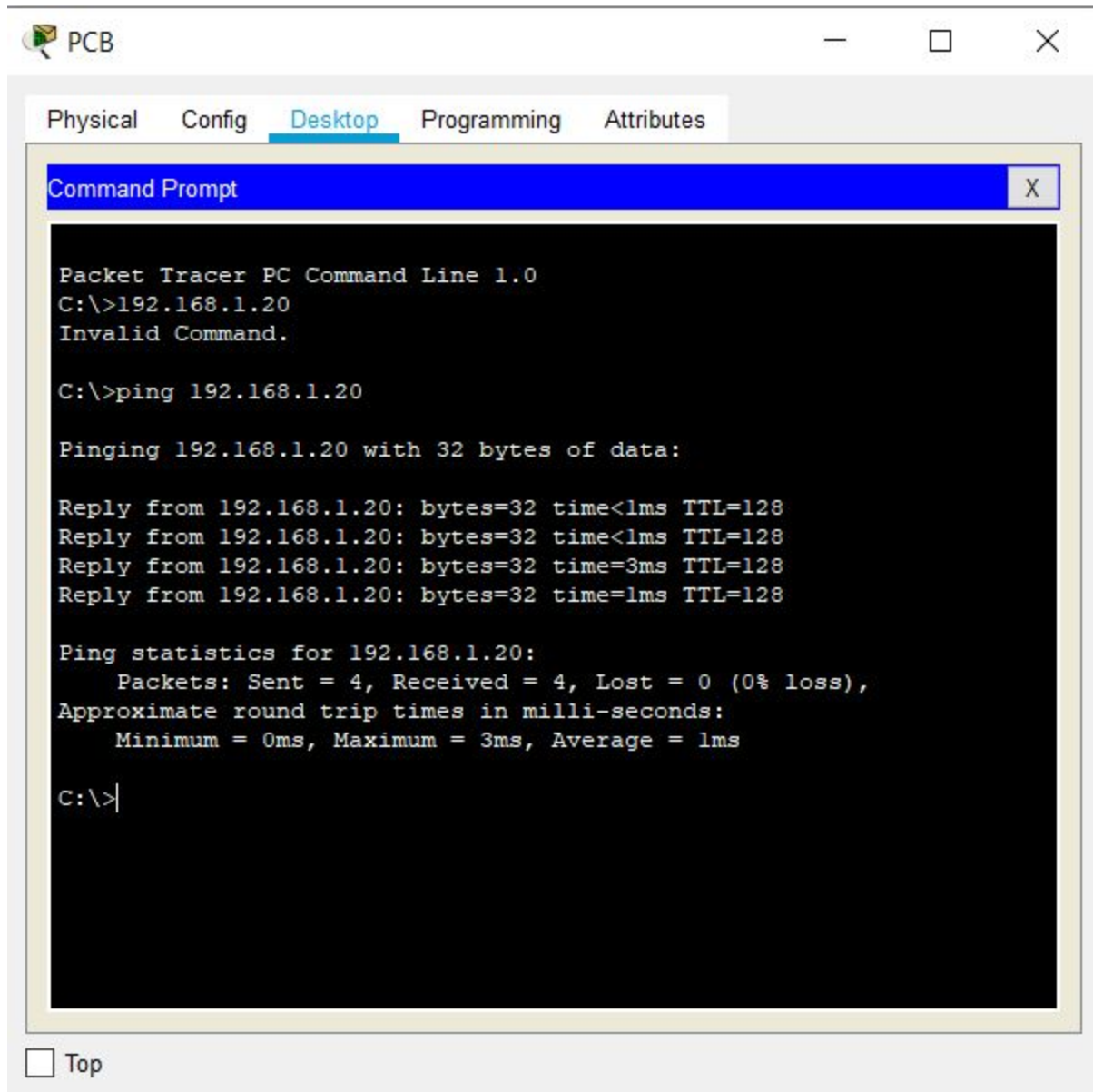
Reply from 192.168.1.21: bytes=32 time=1ms TTL=128
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128
Reply from 192.168.1.21: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.21:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

☐ Top

For PC-B:



The screenshot shows the 'PCB' window in Cisco Packet Tracer. The 'Desktop' tab is selected, displaying a 'Command Prompt' window. The command prompt shows the execution of the 'ping' command to 192.168.1.20, which is successful. The output includes the number of bytes, time, and TTL for each of the four replies, as well as the overall ping statistics showing 0% loss.

```
Packet Tracer PC Command Line 1.0
C:\>192.168.1.20
Invalid Command.

C:\>ping 192.168.1.20

Pinging 192.168.1.20 with 32 bytes of data:

Reply from 192.168.1.20: bytes=32 time<1ms TTL=128
Reply from 192.168.1.20: bytes=32 time<1ms TTL=128
Reply from 192.168.1.20: bytes=32 time=3ms TTL=128
Reply from 192.168.1.20: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.1.20:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 1ms

C:\>|
```

☐ Top

CONCLUSION: We successfully created topology and verified the end to end connectivity in CISCO Packet Tracer.