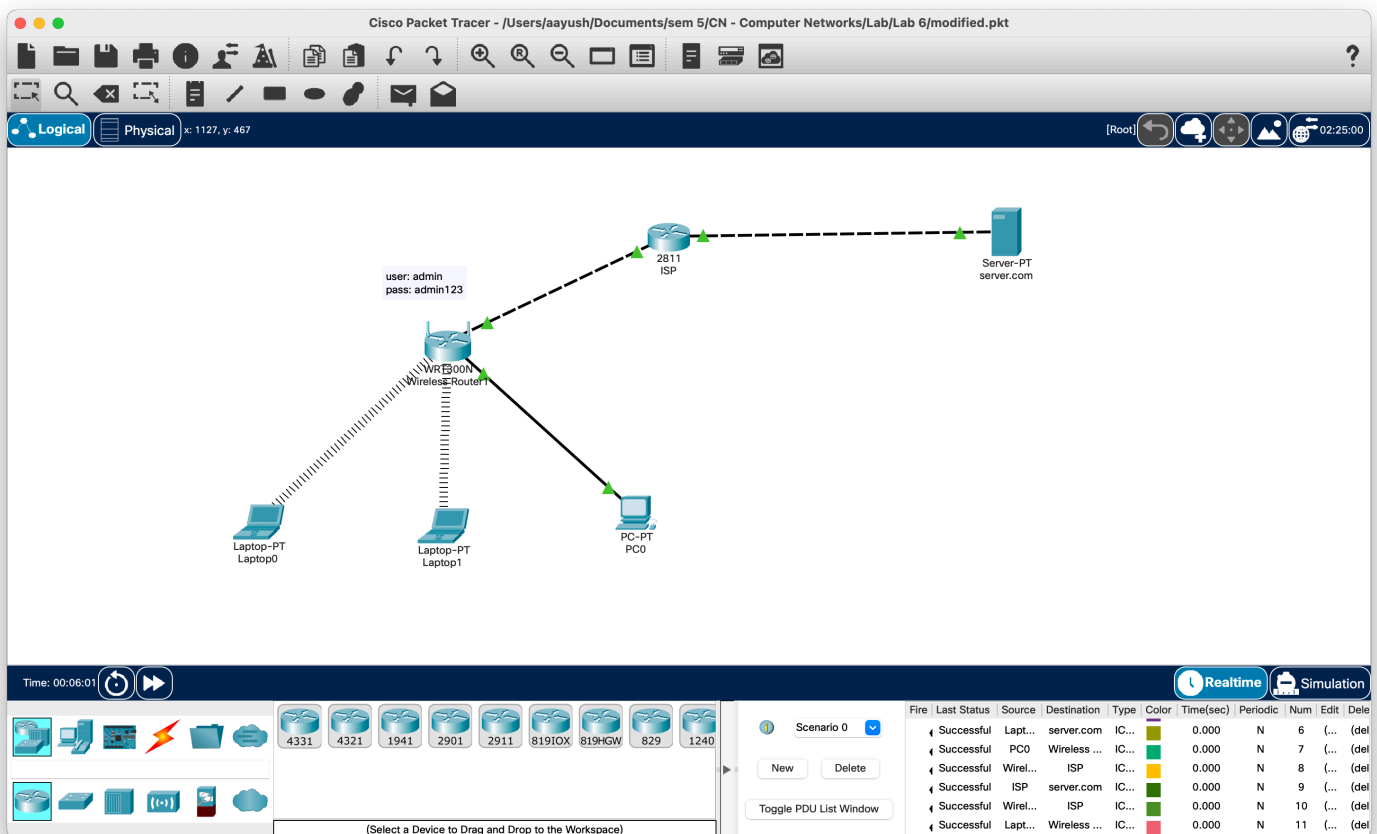Aayush Shah

19BCE245

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Practical 6
Wireless LAN

• **Configure wireless LAN using packet tracer.**

• **Main Figure :**

- **Configurations :**

Admin PC

Administration config

Network setup config

PC0

| Physical | Config | Desktop | Programming | Attributes |

Web Browser   X

< | > | URL http://192.168.0.1   Go | Stop

Network Setup

Router IP

IP Address: 192 . 168 . 0 . 1

Subnet Mask: 255.255.255.0

DHCP Server Settings

DHCP Server: ○ Enabled   ○ Disabled   DHCP Reservation

Start IP Address: 192.168.0. 100

Maximum number of Users: 50

IP Address Range: 192.168.0. 100 - 149

Client Lease Time: 0   minutes (0 means one day)

Static DNS 1: 0 . 0 . 0 . 0

Static DNS 2: 0 . 0 . 0 . 0

Static DNS 3: 0 . 0 . 0 . 0

WINS: 0 . 0 . 0 . 0

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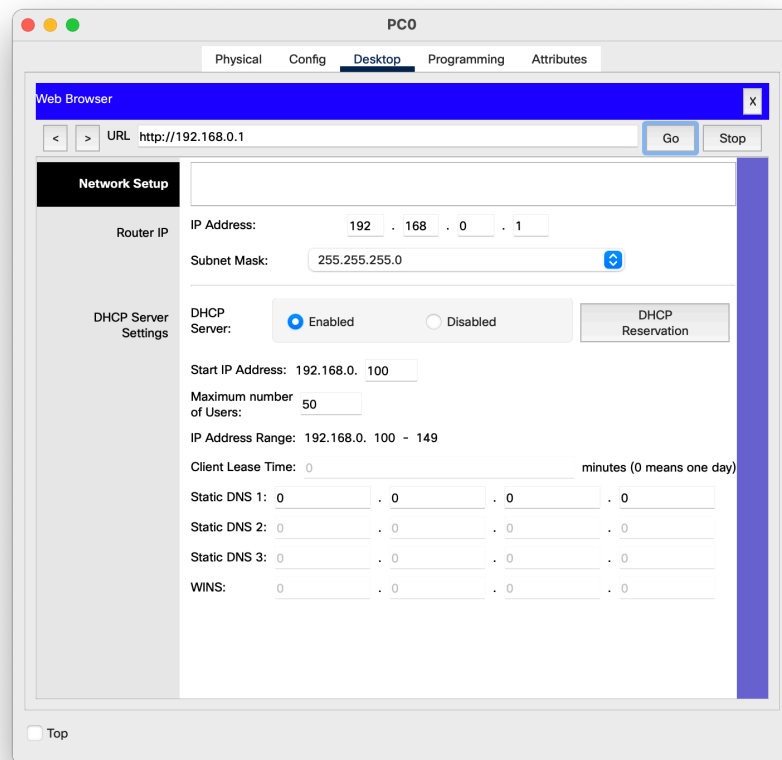
Ping from laptop
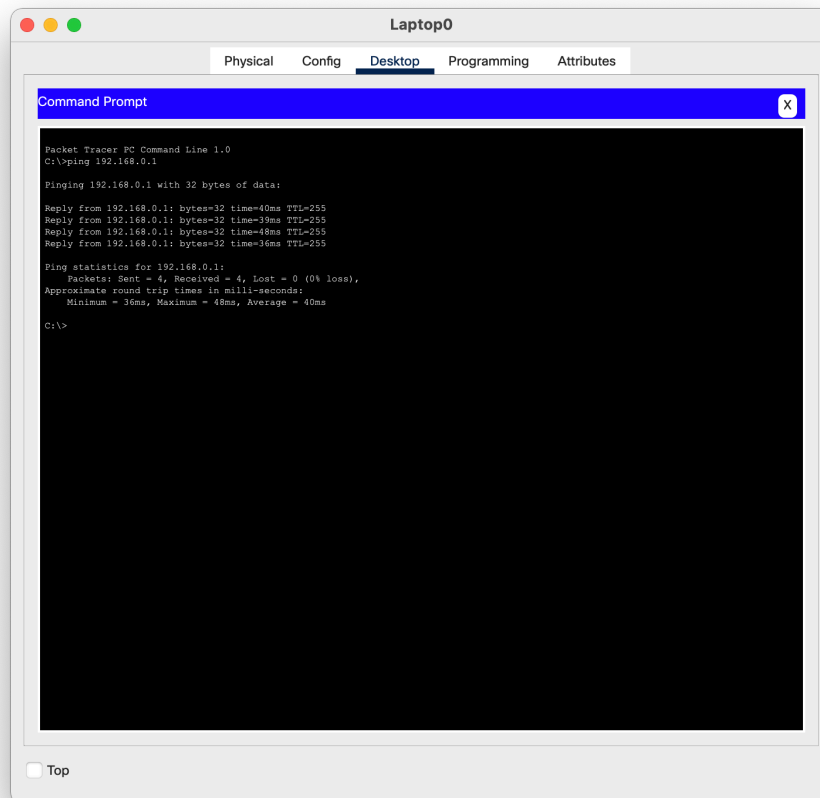
Laptop0

| Physical | Config | Desktop | Programming | Attributes |

Command Prompt   X

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.1

Pinging 192.168.0.1 with 32 bytes of data:

Reply from 192.168.0.1: bytes=32 time=40ms TTL=255
Reply from 192.168.0.1: bytes=32 time=39ms TTL=255
Reply from 192.168.0.1: bytes=32 time=48ms TTL=255
Reply from 192.168.0.1: bytes=32 time=36ms TTL=255

Ping statistics for 192.168.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 36ms, Maximum = 48ms, Average = 40ms

C:\>
```

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Wireless settings

Wireless security settings