



COMPUTER NETWORKS



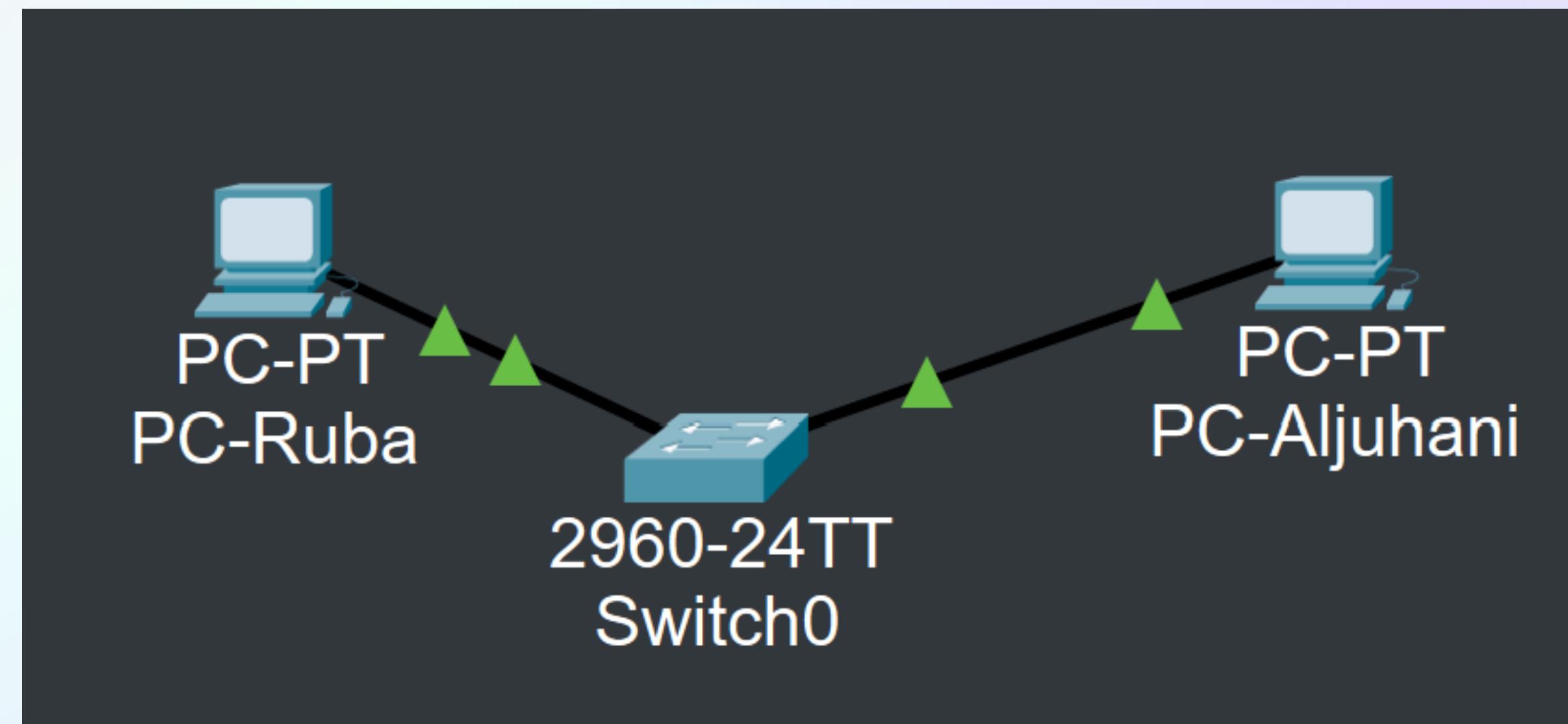
Lap 1 – Getting Started with Cisco Packet Tracer

Solved by :

Ruba Aljuhani

Step 1: Topology Setup

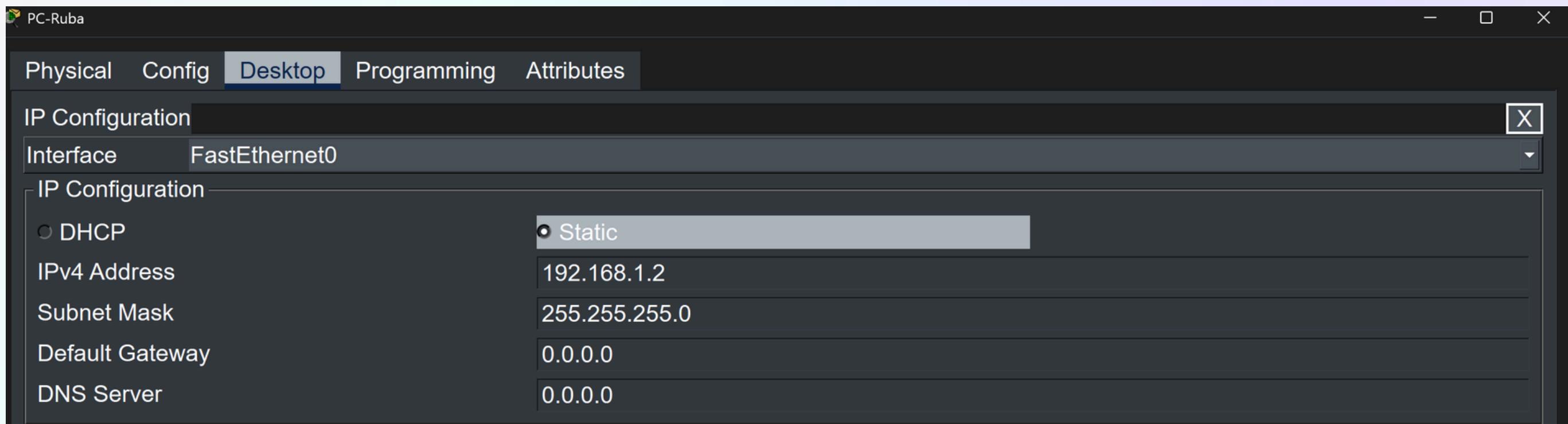
Connected the router, switch, and PCs using the correct cables according to the lab diagram



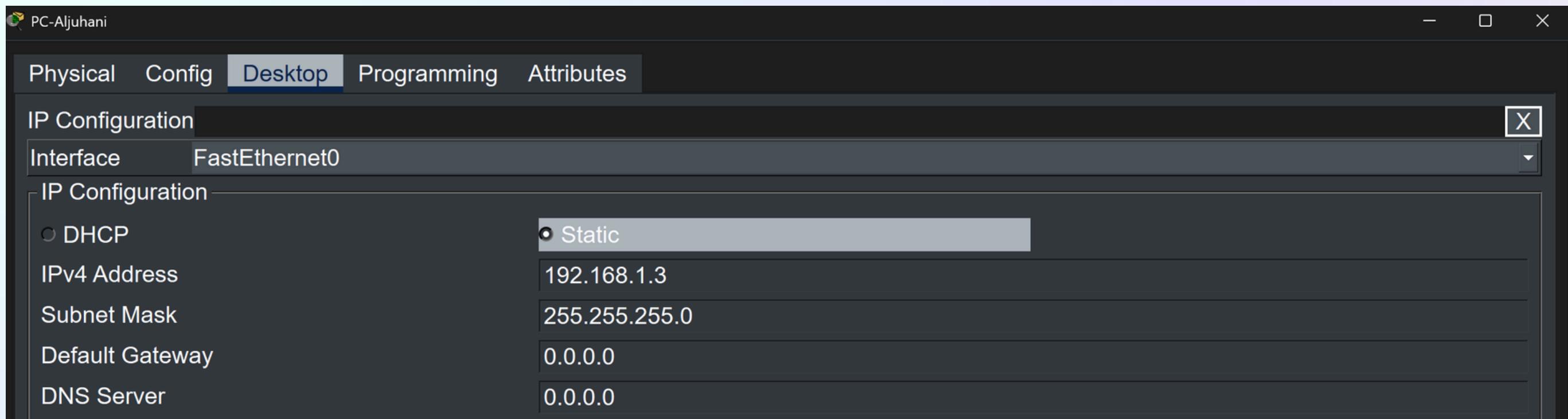


Step 2: Configure IP Addresses

PC 1



PC 2





Step 3: Verify Connectivity (Ping)

PC-Ruba

Physical Config Desktop Programming Attributes

Command Prompt

```
C:\> ping 192.168.1.3
Pinging 192.168.1.3 with 32 bytes of data:
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

PC 1

PC-Aljuhani

Physical Config Desktop Programming Attributes

Command Prompt

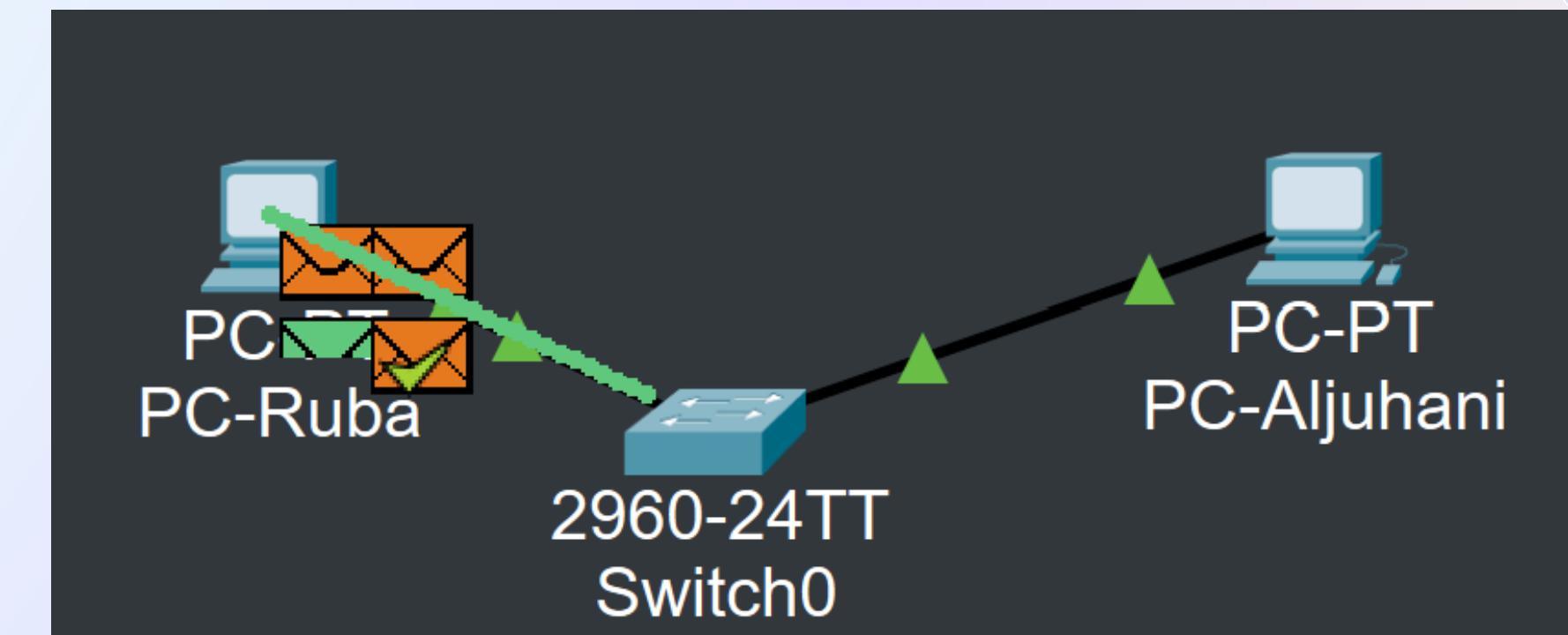
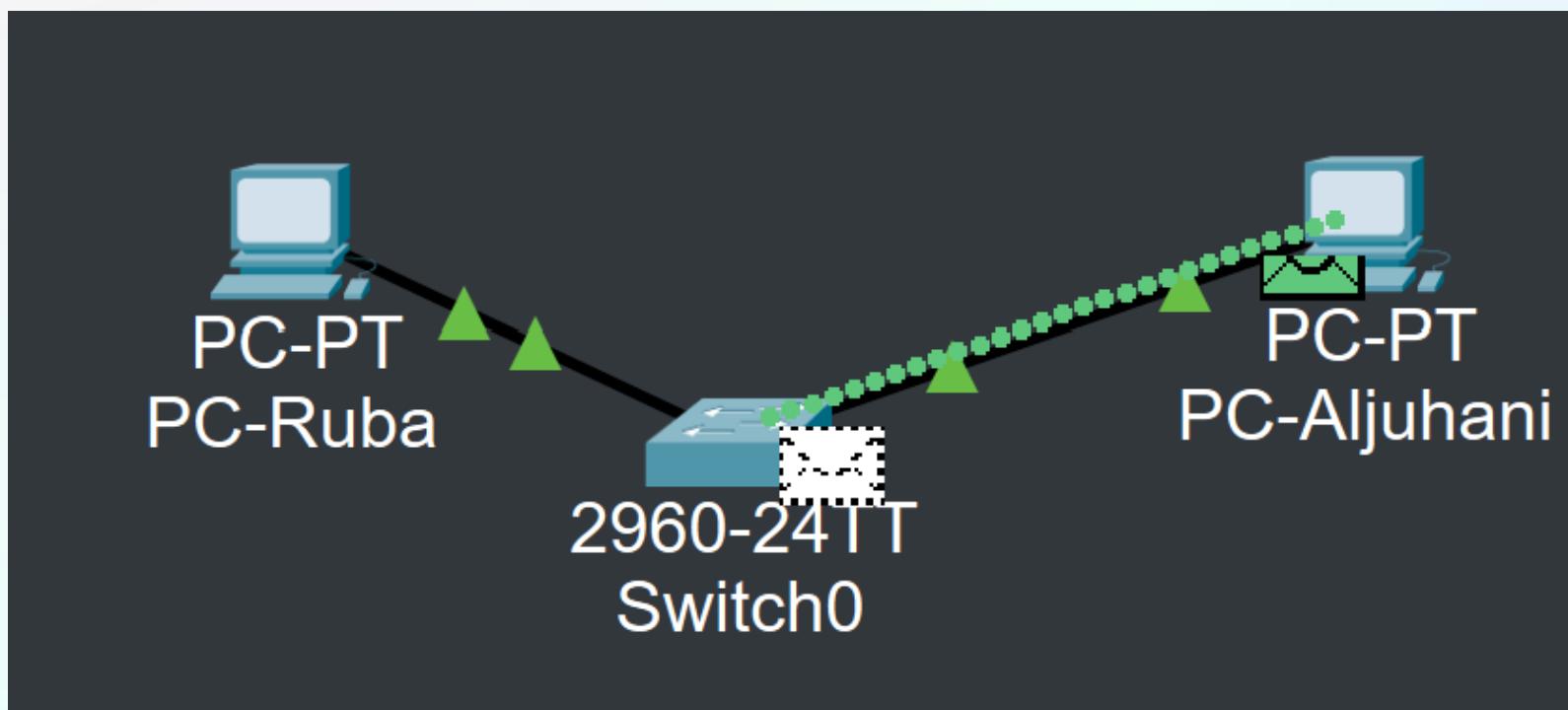
```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.2
Pinging 192.168.1.2 with 32 bytes of data:
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128

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
```

PC 2



Step 4: Simulation Mode



Successfully created and tested a simple network using Packet Tracer