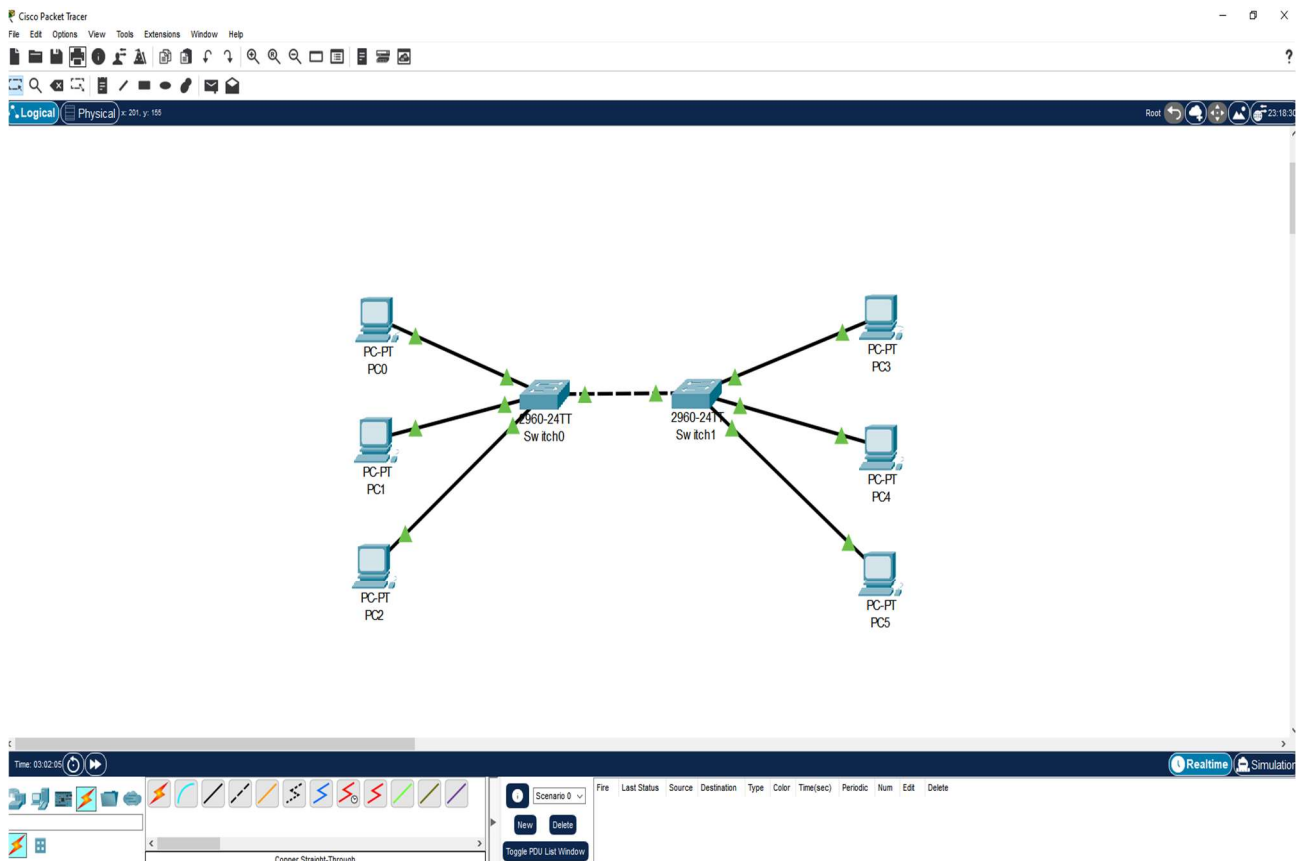


Ho creato su Cisco Packet Tracer una rete con 2 switch e 6 host, 3 host per ogni switch.



I 6 host fanno parte tutti della stessa rete e comunicano tutti tra loro, come mostra il comando ping.

The screenshot shows the configuration window for PC5 in Cisco Packet Tracer. The 'Desktop' tab is selected, and a 'Command Prompt' window is open. The command prompt shows the following output:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.50.100

Pinging 192.168.50.100 with 32 bytes of data:

Reply from 192.168.50.100: bytes=32 time<1ms TTL=128
Reply from 192.168.50.100: bytes=32 time<1ms TTL=128
Reply from 192.168.50.100: bytes=32 time<1ms TTL=128
Reply from 192.168.50.100: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.50.100:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 192.168.50.103

Pinging 192.168.50.103 with 32 bytes of data:

Reply from 192.168.50.103: bytes=32 time<1ms TTL=128
Reply from 192.168.50.103: bytes=32 time<1ms TTL=128
Reply from 192.168.50.103: bytes=32 time<1ms TTL=128
Reply from 192.168.50.103: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.50.103:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>|
```

The output shows successful ping results for both IP addresses, indicating that all 6 hosts are part of the same network and can communicate with each other.

Ho assegnato ai 6 host indirizzi IP da 192.168.50.100 a 192.168.50.105, con maschera di sottorete /24 (255.255.255.0) per tutti; l'indirizzo di rete è 192.168.50.0, pertanto fanno parte tutti della stessa rete.