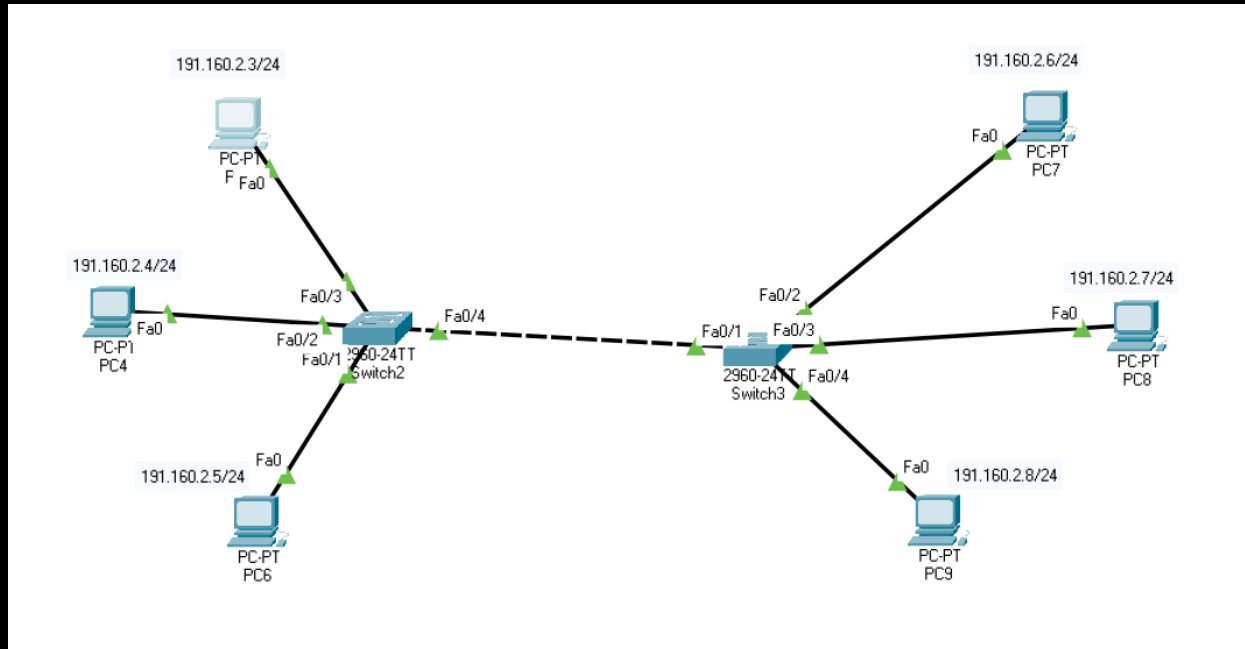


Esercizio S1/L3

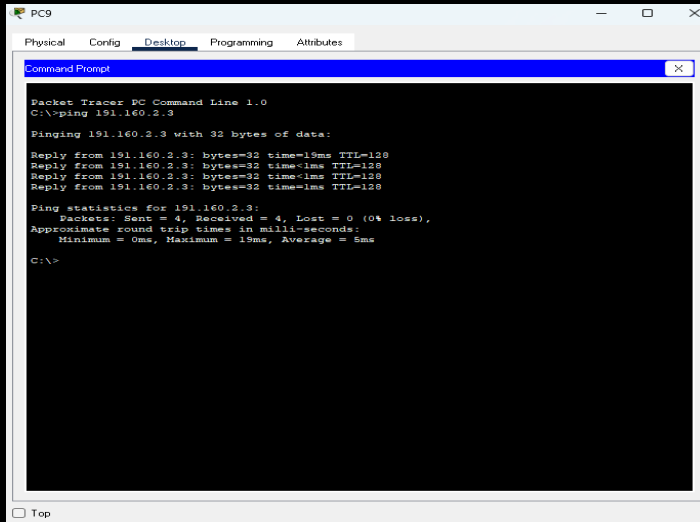
Utilizzando cisco packet tracer, sono riuscito a creare un ambiente informatico simulativo composto da una rete con 2 switch e 6 host.



Ho iniziato prendendo i due switch, successivamente ho settato tutti e 6 host, 3 per ciascuno switch, collegando gli host con gli switch tramite i cavi (Copper Straight Through) e gli switch l'uno con l'altro tramite un cavo diverso (Copper Cross-over). Infine ho impostato per ciascun dispositivo un indirizzo ip appartenente alla stessa rete.

Una volta completata questa operazione, ho verificato tramite prompt comandi di PC9 l'effettiva comunicazione tra i dispositivi, prendendo in considerazione l'ip di PC5.

Il risultato ha dato esito positivo.



The screenshot shows a Packet Tracer PC Command Line window for a device named PC9. The window has tabs for Physical, Config, Desktop, Programming, and Attributes, with Desktop selected. The Command Prompt shows the execution of the command 'C:\>ping 191.160.2.3'. The output indicates a successful ping to 191.160.2.3 with 32 bytes of data. Four replies are shown, each with a time of 1ms and TTL of 128. The ping statistics show 4 packets sent, 4 received, and 0% loss. The approximate round trip times are: Minimum = 0ms, Maximum = 15ms, Average = 5ms.

```
Packet Tracer PC Command Line 1.0
C:\>ping 191.160.2.3

Pinging 191.160.2.3 with 32 bytes of data:

Reply from 191.160.2.3: bytes=32 time=15ms TTL=128
Reply from 191.160.2.3: bytes=32 time=1ms TTL=128
Reply from 191.160.2.3: bytes=32 time=1ms TTL=128
Reply from 191.160.2.3: bytes=32 time=1ms TTL=128

Ping statistics for 191.160.2.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 15ms, Average = 5ms

C:\>
```