

Router0

Physical Config CLI Attributes

IOS Command Line Interface

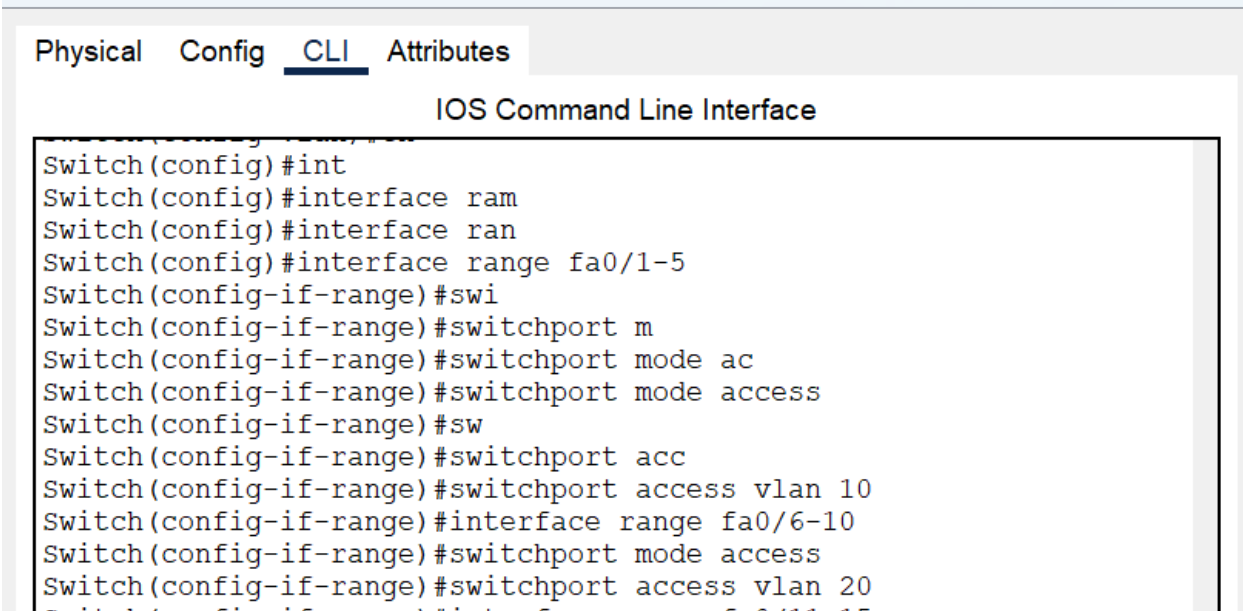
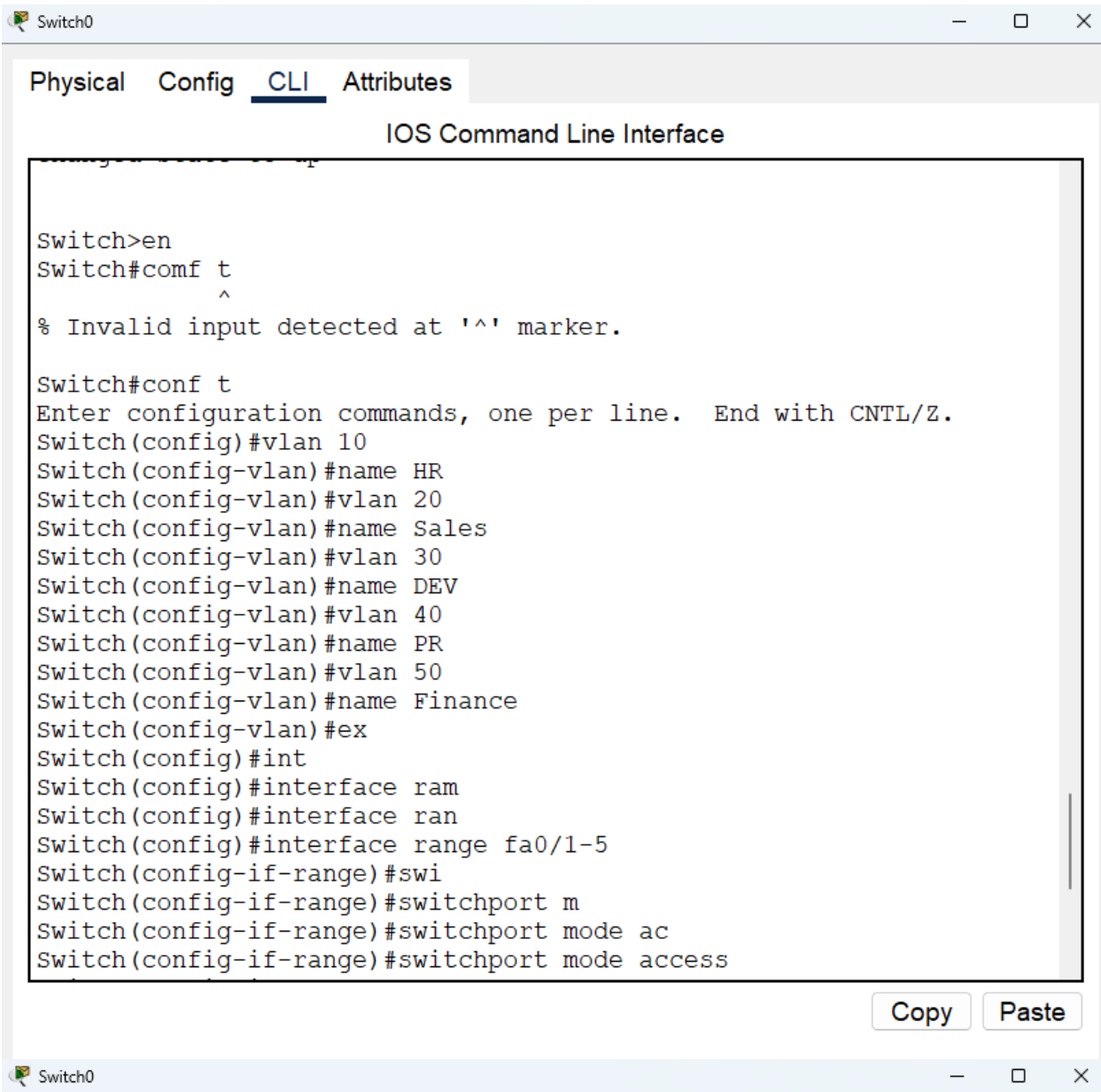
Press RETURN to get started!

```
Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int
Router(config)#interface gig0/0/0.10
Router(config-subif)#en
Router(config-subif)#encapsulation dot
Router(config-subif)#encapsulation dot1Q 10
Router(config-subif)#ip address 192.168.10.1 255.255.255.0
Router(config-subif)#interface gig0/0/0.20
Router(config-subif)#encapsulation dot1Q 20
Router(config-subif)#ip address 192.168.20.1 255.255.255.0
Router(config-subif)#interface gig0/0/0.30
Router(config-subif)#encapsulation dot1Q 30
Router(config-subif)#ip address 192.168.30.1 255.255.255.0
Router(config-subif)#interface gig0/0/0.40
Router(config-subif)#encapsulation dot1Q 40
Router(config-subif)#ip address 192.168.40.1 255.255.255.0
Router(config-subif)#interface gig0/0/0.50
Router(config-subif)#encapsulation dot1Q 50
Router(config-subif)#ip address 192.168.50.1 255.255.255.0
Router(config-subif)#
```

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Top

```
Router(config)#interface gig 0/0/0
Router(config-if)#no sh
```



PC6

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.30.2

Subnet Mask 255.255.255.0

Default Gateway 192.168.30.1

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address

Link Local Address FE80::201:64FF:FE5D:4167

Default Gateway

DNS Server

802.1X

PC6

GPU 48°C 41s
CPU 44°C 16s
RAM 3360MB
030.21 FPS

Physical Config **Desktop** Programming Attributes

Command Prompt

```
C:\>ping 192.168.40.3

Pinging 192.168.40.3 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.40.3:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.40.3

Pinging 192.168.40.3 with 32 bytes of data:

Request timed out.
Reply from 192.168.40.3: bytes=32 time<1ms TTL=127
Reply from 192.168.40.3: bytes=32 time<1ms TTL=127
Reply from 192.168.40.3: bytes=32 time<1ms TTL=127

Ping statistics for 192.168.40.3:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.50.3

Pinging 192.168.50.3 with 32 bytes of data:

Request timed out.
Reply from 192.168.50.3: bytes=32 time<1ms TTL=127
Reply from 192.168.50.3: bytes=32 time<1ms TTL=127
Reply from 192.168.50.3: bytes=32 time<1ms TTL=127

Ping statistics for 192.168.50.3:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```