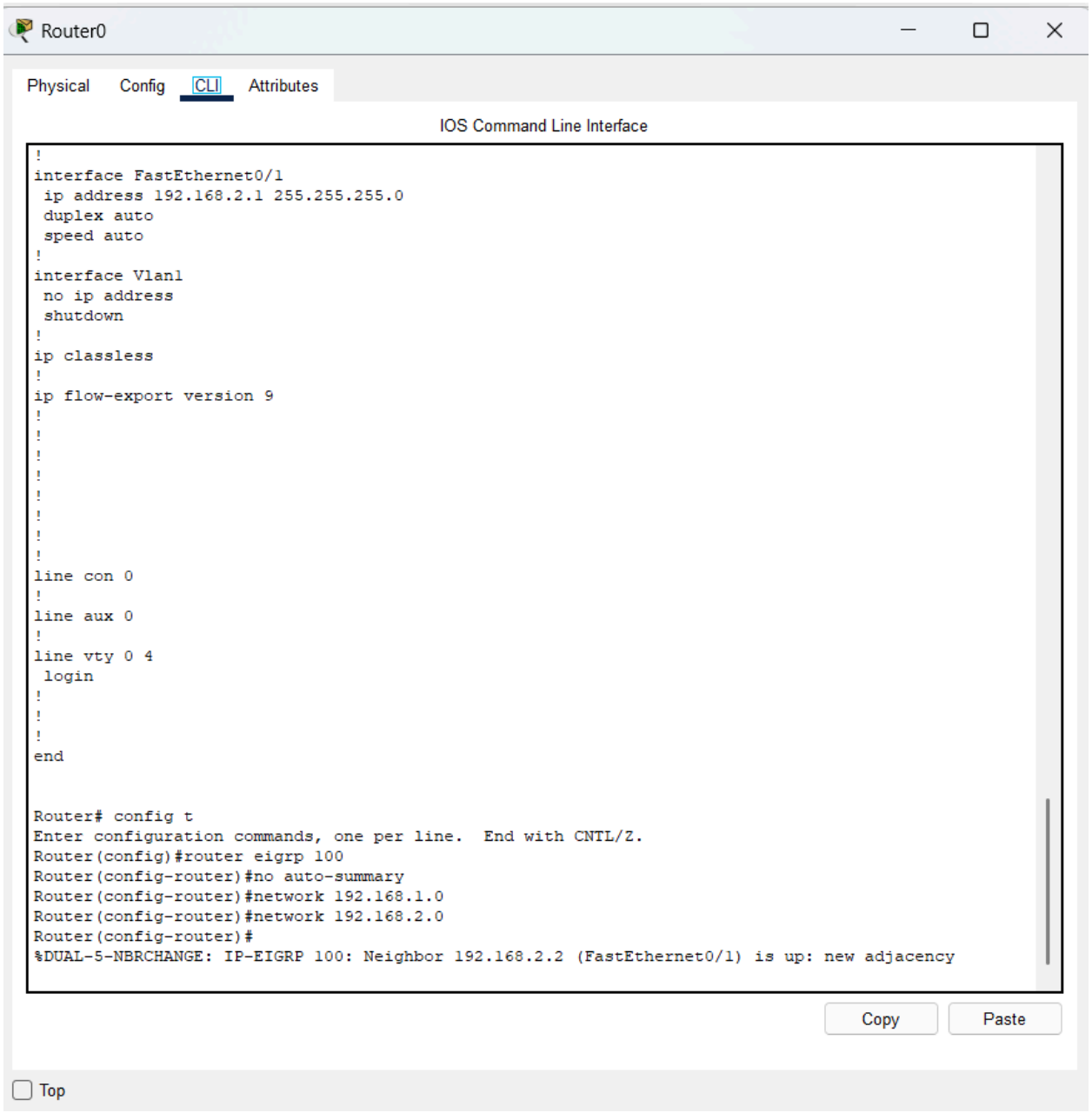
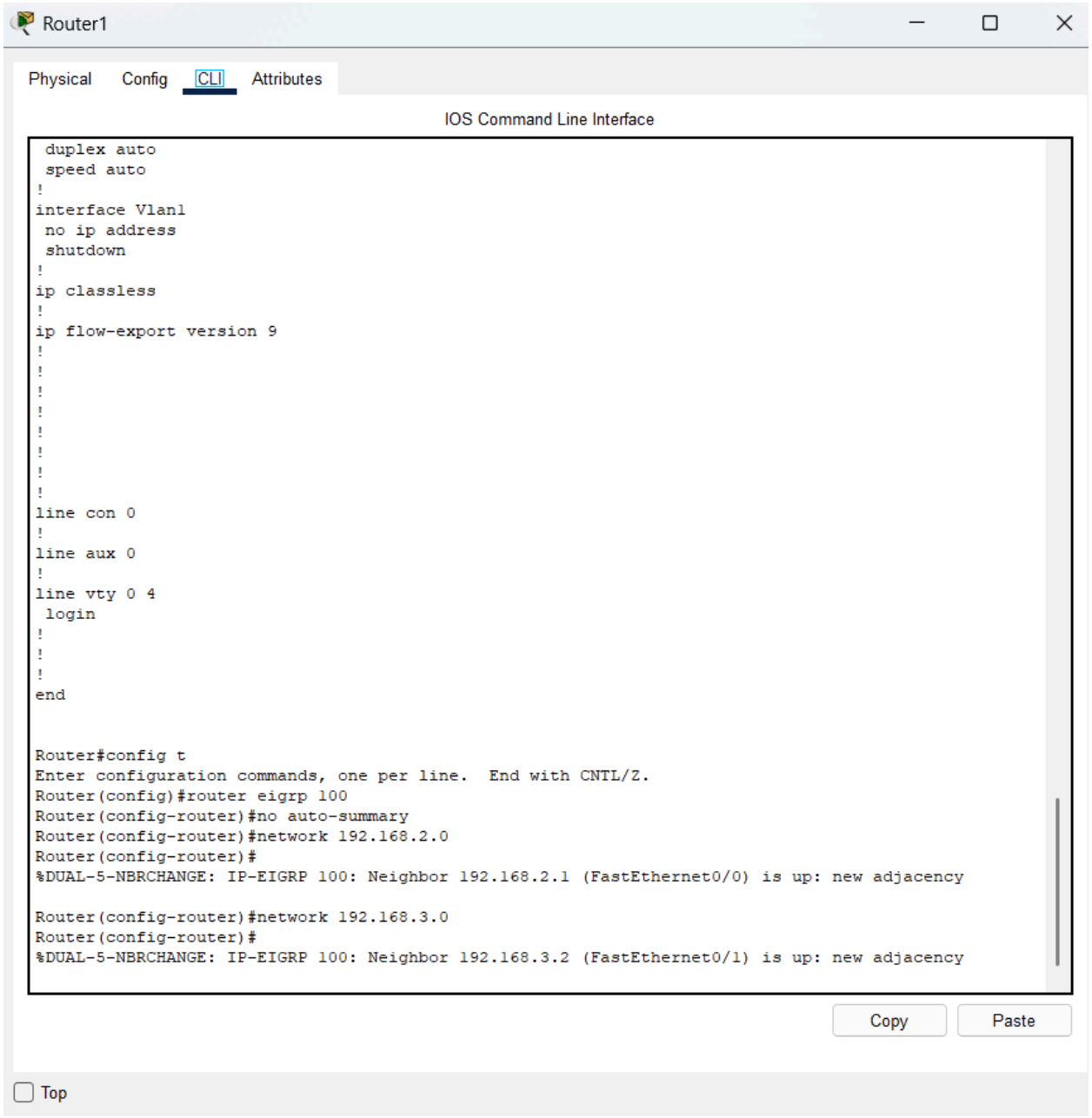
Adding networks and commands




Router1
Physical
Config
CLI
Attributes
IOS Command Line Interface
duplex auto
speed auto
!
interface Vlan1
no ip address
shutdown
!
ip classless
!
ip flow-export version 9
!
!
!
!
!
!
!
!
line con 0
!
line aux 0
!
line vty 0 4
login
!
!
!
end
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router eigrp 100
Router(config-router)#no auto-summary
Router(config-router)#network 192.168.2.0
Router(config-router)#
%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.2.1 (FastEthernet0/0) is up: new adjacency
Router(config-router)#network 192.168.3.0
Router(config-router)#
%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.3.2 (FastEthernet0/1) is up: new adjacency
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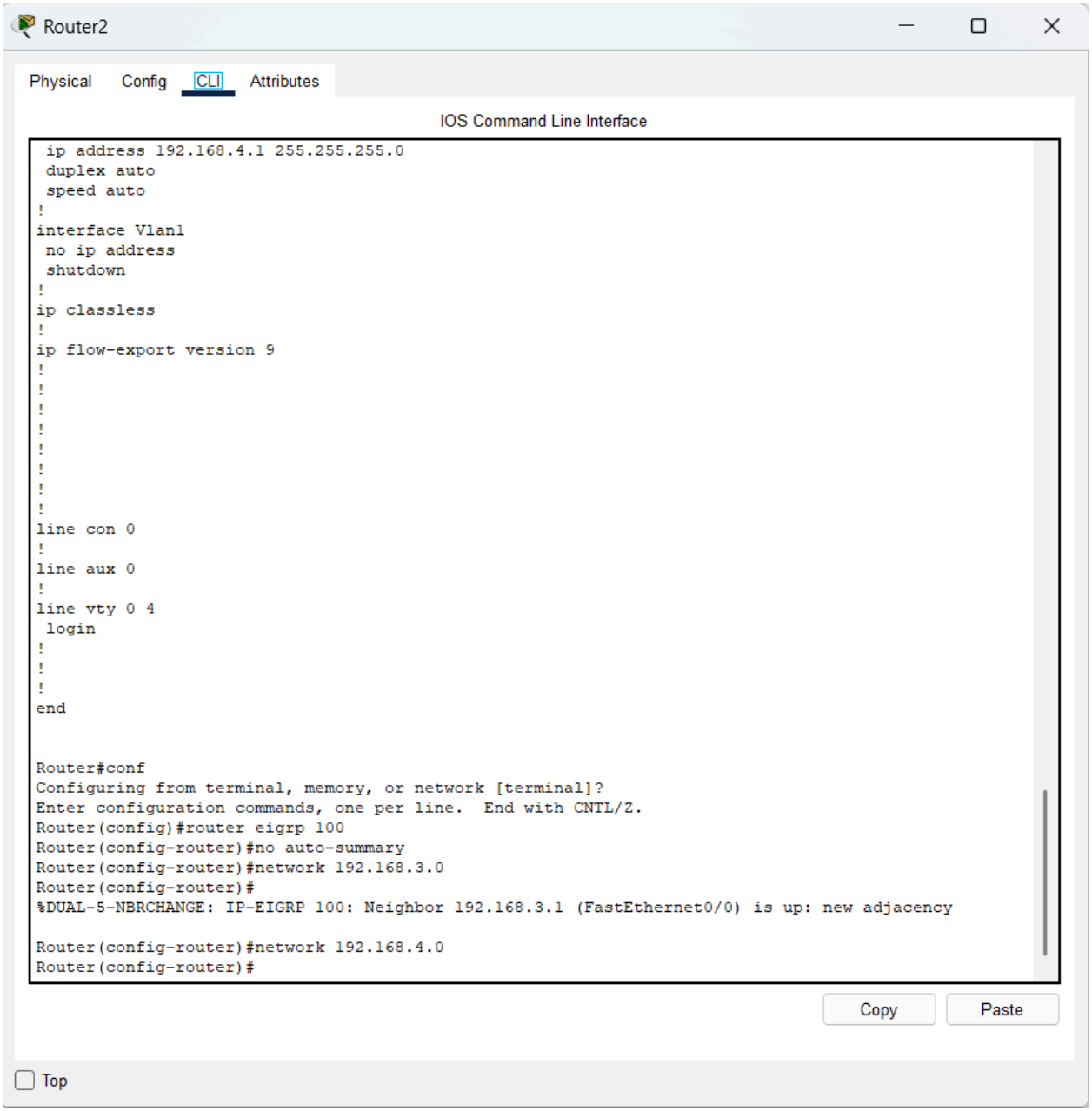
Router2
Physical
Config
CLI
Attributes
IOS Command Line Interface
ip address 192.168.4.1 255.255.255.0
duplex auto
speed auto
!
interface Vlan1
no ip address
shutdown
!
ip classless
!
ip flow-export version 9
!
!
!
!
!
!
!
!
line con 0
!
line aux 0
!
line vty 0 4
login
!
!
!
end
Router#conf
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router eigrp 100
Router(config-router)#no auto-summary
Router(config-router)#network 192.168.3.0
Router(config-router)#
%DUAL-5-NBRCHANGE: IP-EIGRP 100: Neighbor 192.168.3.1 (FastEthernet0/0) is up: new adjacency
Router(config-router)#network 192.168.4.0
Router(config-router)#
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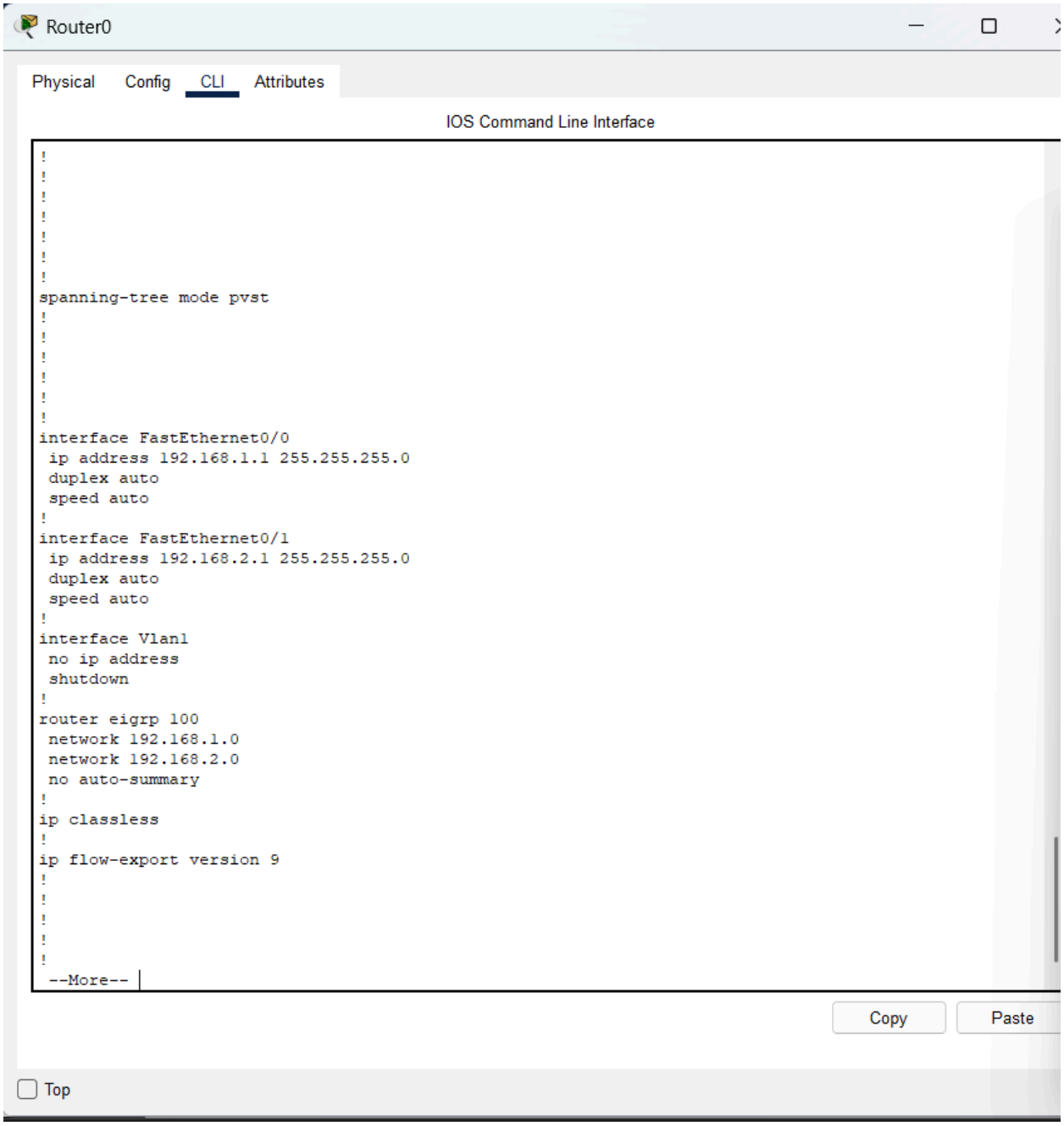
Router0
Physical
Config
CLI
Attributes
IOS Command Line Interface
!
!
!
!
!
!
!
spanning-tree mode pvst
!
!
!
!
!
!
interface FastEthernet0/0
 ip address 192.168.1.1 255.255.255.0
 duplex auto
 speed auto
!
interface FastEthernet0/1
 ip address 192.168.2.1 255.255.255.0
 duplex auto
 speed auto
!
interface Vlan1
 no ip address
 shutdown
!
router eigrp 100
 network 192.168.1.0
 network 192.168.2.0
 no auto-summary
!
ip classless
!
ip flow-export version 9
!
!
!
!
 --More--
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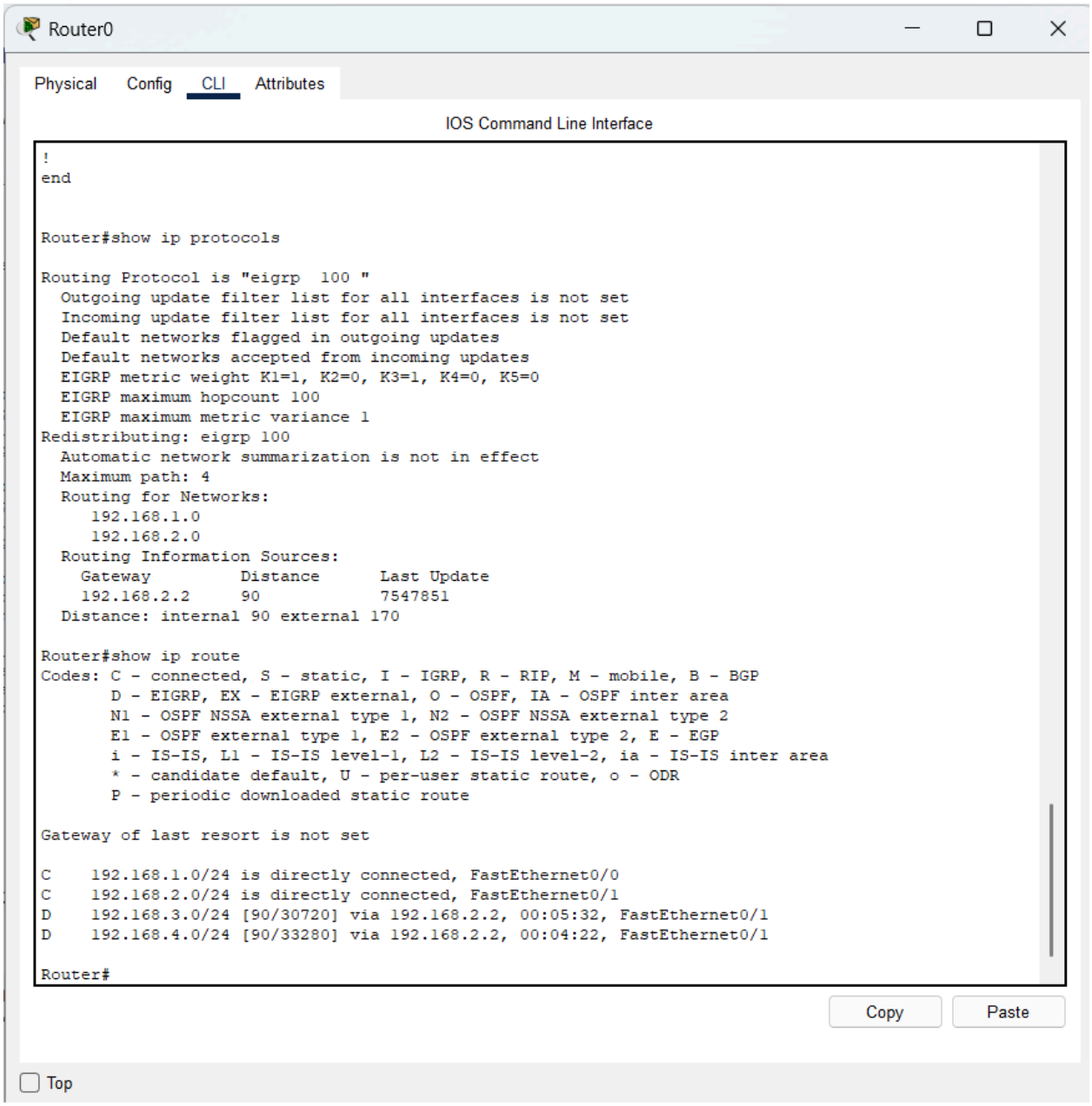
Router0
Physical
Config
CLI
Attributes
IOS Command Line Interface
!
end
Router#show ip protocols
Routing Protocol is "eigrp 100 "
Outgoing update filter list for all interfaces is not set
Incoming update filter list for all interfaces is not set
Default networks flagged in outgoing updates
Default networks accepted from incoming updates
EIGRP metric weight K1=1, K2=0, K3=1, K4=0, K5=0
EIGRP maximum hopcount 100
EIGRP maximum metric variance 1
Redistributing: eigrp 100
Automatic network summarization is not in effect
Maximum path: 4
Routing for Networks:
192.168.1.0
192.168.2.0
Routing Information Sources:
Gateway Distance Last Update
192.168.2.2 90 7547851
Distance: internal 90 external 170
Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
* - candidate default, U - per-user static route, o - ODR
P - periodic downloaded static route
Gateway of last resort is not set
C 192.168.1.0/24 is directly connected, FastEthernet0/0
C 192.168.2.0/24 is directly connected, FastEthernet0/1
D 192.168.3.0/24 [90/30720] via 192.168.2.2, 00:05:32, FastEthernet0/1
D 192.168.4.0/24 [90/33280] via 192.168.2.2, 00:04:22, FastEthernet0/1
Router#
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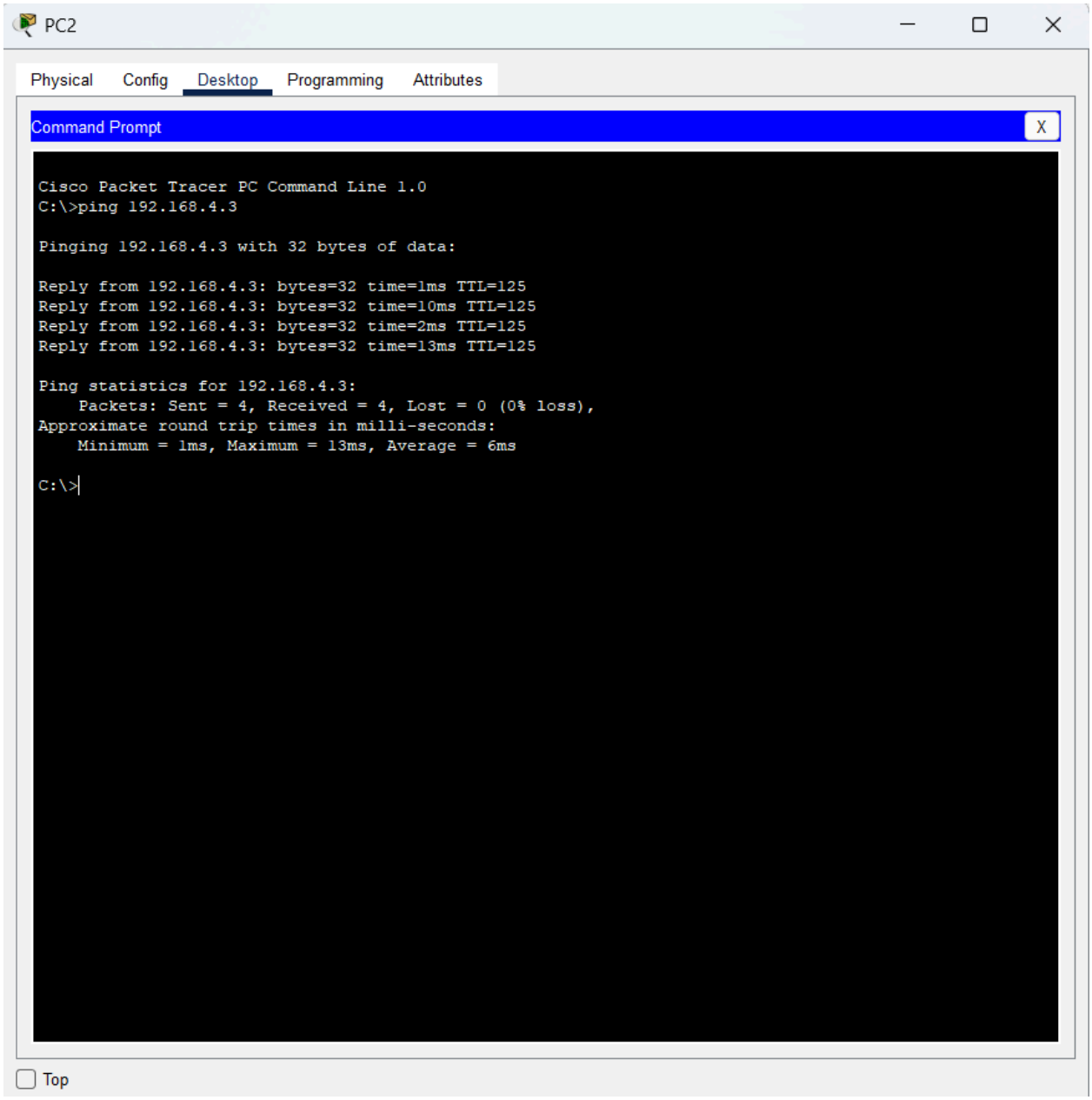
Ping command



```
Router#show ip route eigrp
D    192.168.3.0/24 [90/30720] via 192.168.2.2, 00:06:58, FastEthernet0/1
D    192.168.4.0/24 [90/33280] via 192.168.2.2, 00:05:48, FastEthernet0/1

Router#show ip eigrp neighbor
IP-EIGRP neighbors for process 100
H   Address         Interface      Hold Uptime    SRTT   RTO   Q   Seq
                                   (sec)          (ms)        Cnt  Num
0   192.168.2.2     Fa0/1          11   00:08:21  40     1000  0   7

Router#show ip eigrp topology
IP-EIGRP Topology Table for AS 100/ID(192.168.2.1)

Codes: P - Passive, A - Active, U - Update, Q - Query, R - Reply,
       r - Reply status

P 192.168.1.0/24, 1 successors, FD is 28160
         via Connected, FastEthernet0/0
P 192.168.2.0/24, 1 successors, FD is 28160
         via Connected, FastEthernet0/1
P 192.168.3.0/24, 1 successors, FD is 30720
         via 192.168.2.2 (30720/28160), FastEthernet0/1
P 192.168.4.0/24, 1 successors, FD is 33280
         via 192.168.2.2 (33280/30720), FastEthernet0/1
Router#
```

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