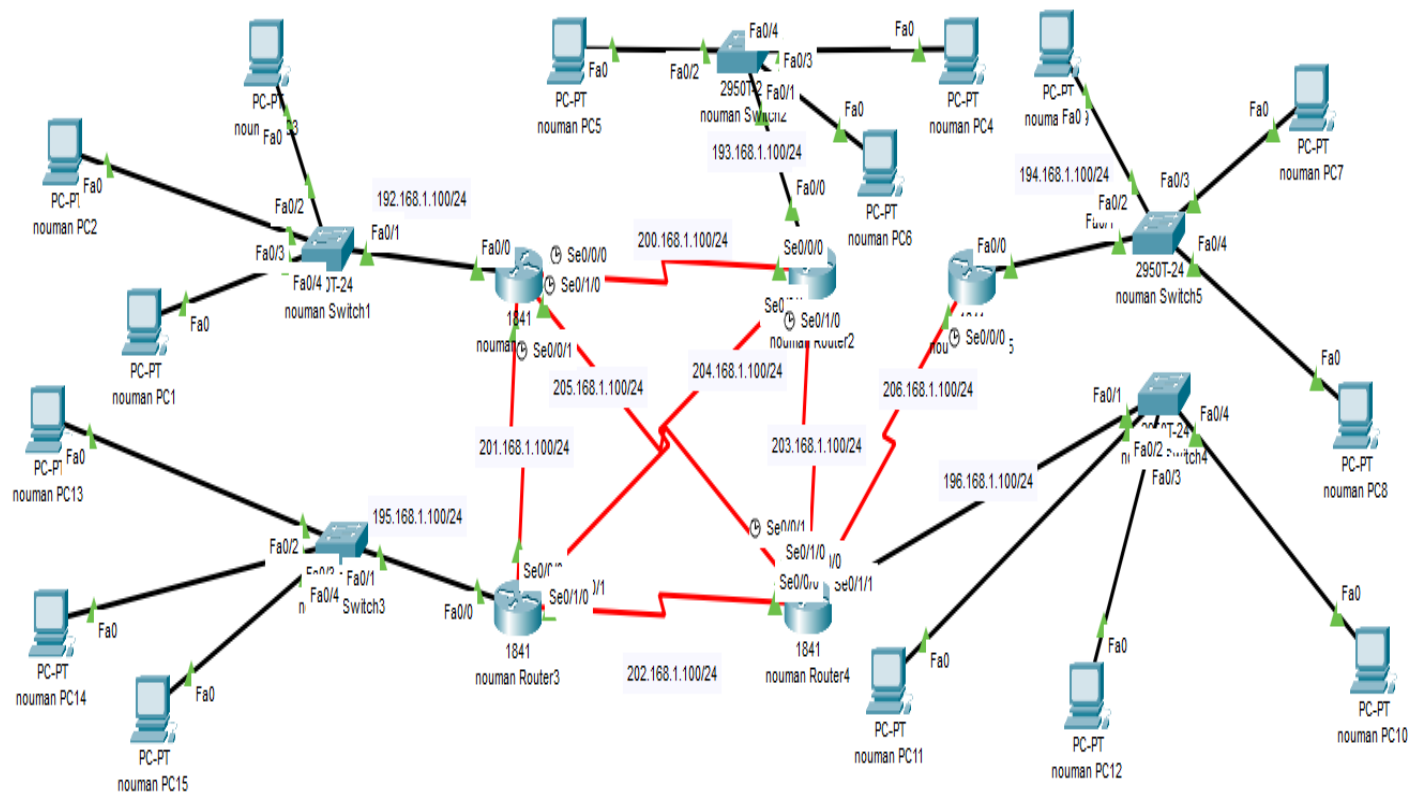


LAB # 05

Name : Nouman Ali

SID : 9964





nouman Router1



Physical

Config

CLI

Attributes

IOS Command Line Interface

```
nouman>en
nouman#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    200.168.1.0/24 is directly connected, Serial0/0/0
C    201.168.1.0/24 is directly connected, Serial0/0/1
C    205.168.1.0/24 is directly connected, Serial0/1/0

nouman#
```

Ctrl+F6 to exit CLI focus

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Paste

☐ Top



nouman Router2



Physical

Config

CLI

Attributes

IOS Command Line Interface

```
nouman>en
nouman#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    193.168.1.0/24 is directly connected, FastEthernet0/0
C    200.168.1.0/24 is directly connected, Serial0/0/0
C    203.168.1.0/24 is directly connected, Serial0/0/1
C    204.168.1.0/24 is directly connected, Serial0/1/0
nouman#
```

Ctrl+F6 to exit CLI focus

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Paste

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nouman Router3



Physical

Config

CLI

Attributes

IOS Command Line Interface

```
nouman>en
nouman#show ip rout
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    195.168.1.0/24 is directly connected, FastEthernet0/0
C    201.168.1.0/24 is directly connected, Serial0/0/0
C    202.168.1.0/24 is directly connected, Serial0/0/1
C    204.168.1.0/24 is directly connected, Serial0/1/0
nouman#
```

Ctrl+F6 to exit CLI focus

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nouman Router4

Physical Config CLI Attributes

IOS Command Line Interface

```
nouman>en
nouman#show ip rout
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    196.168.1.0/24 is directly connected, FastEthernet0/0
C    202.168.1.0/24 is directly connected, Serial0/0/0
C    203.168.1.0/24 is directly connected, Serial0/0/1
C    205.168.1.0/24 is directly connected, Serial0/1/0
C    206.168.1.0/24 is directly connected, Serial0/1/1

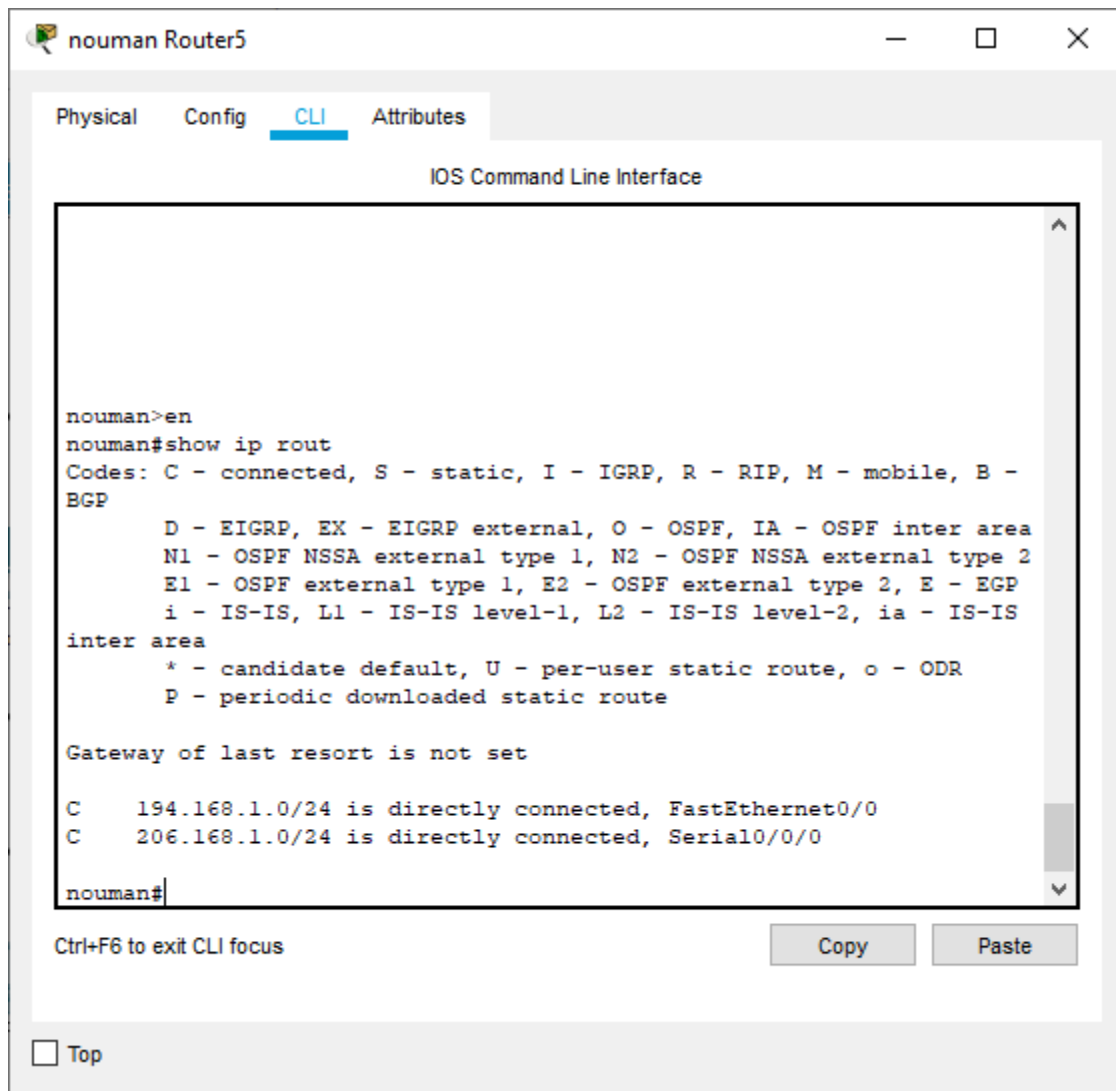
nouman#
```

Ctrl+F6 to exit CLI focus

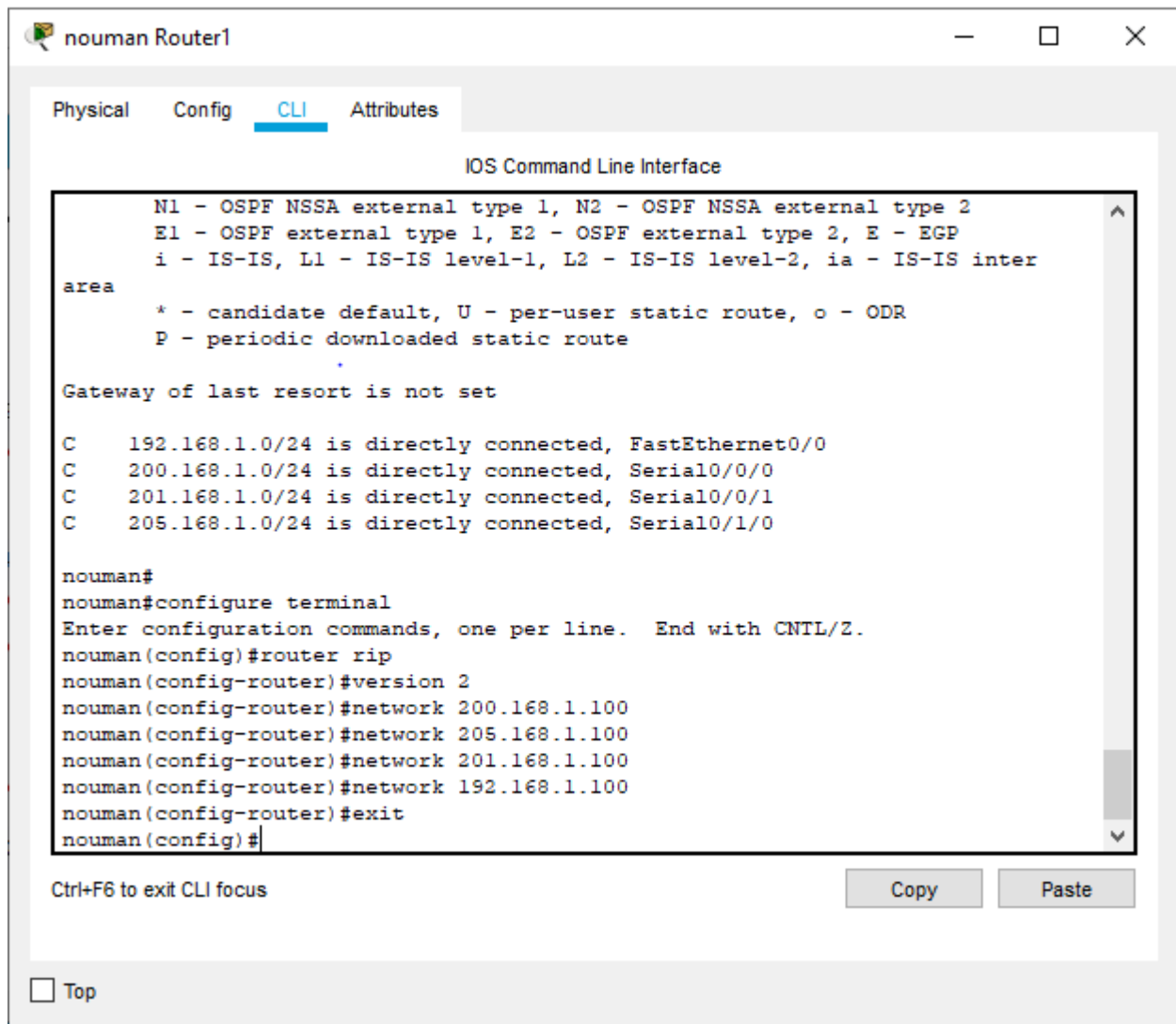
Copy

Paste

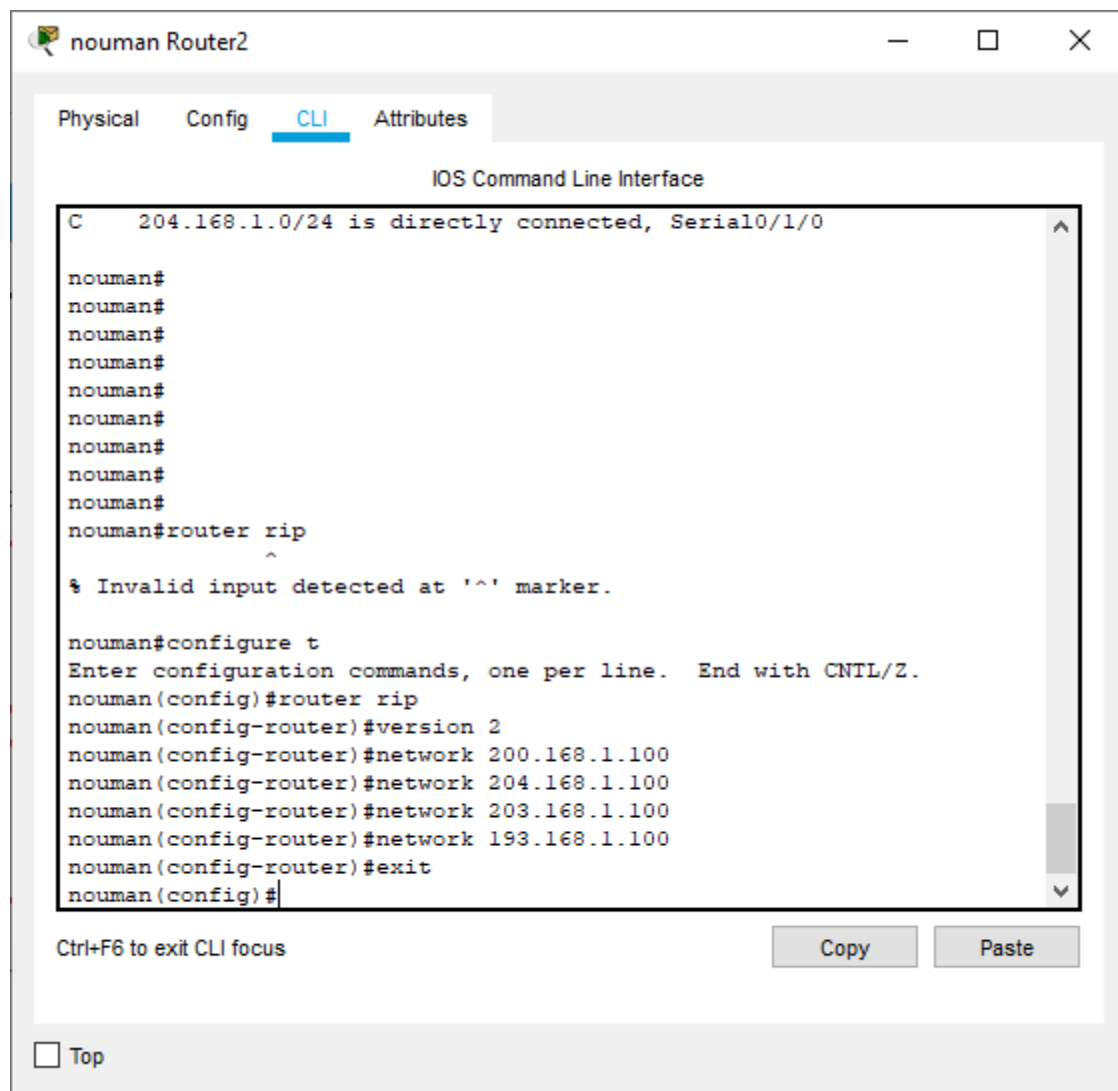
☐ Top



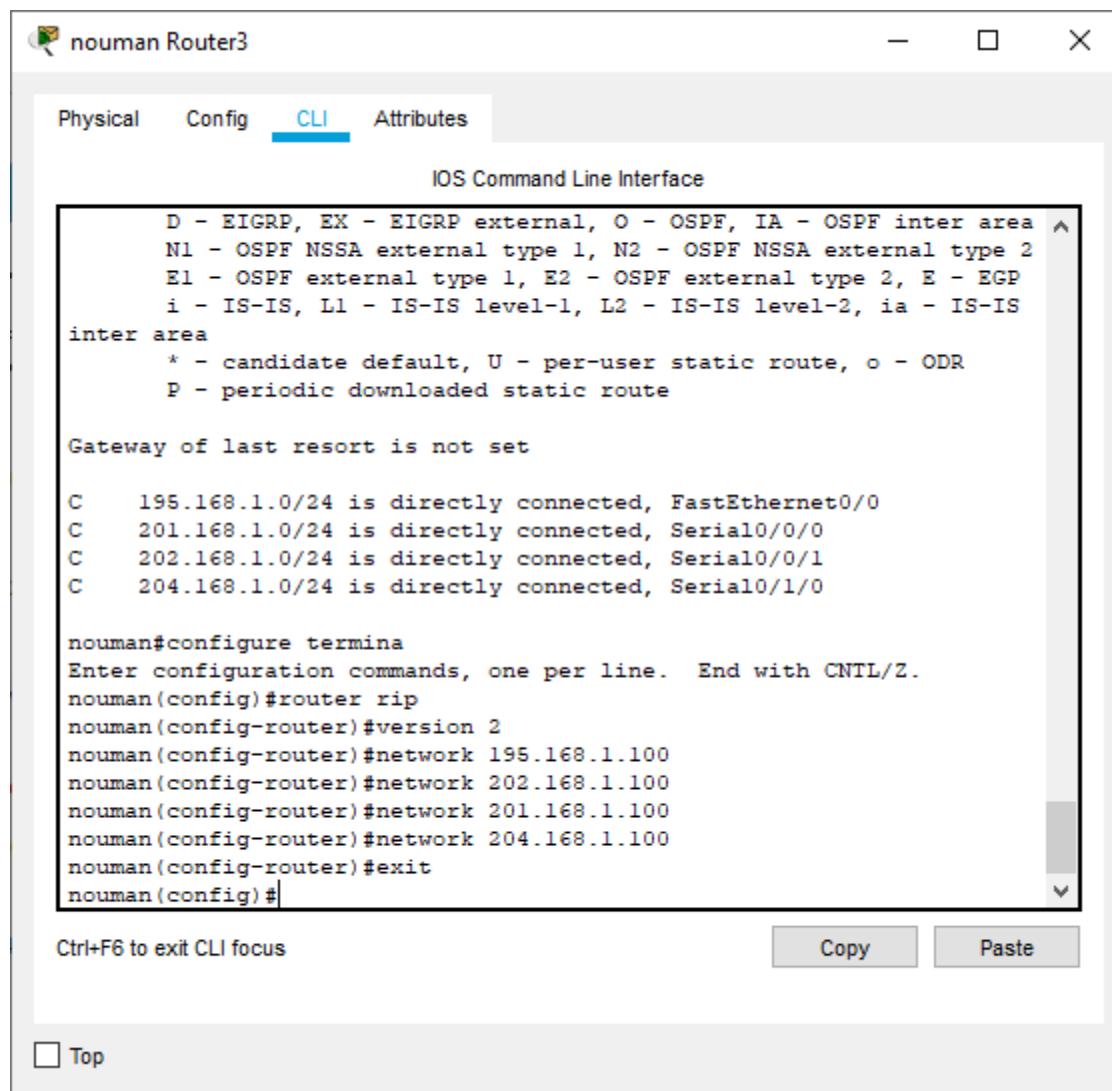
RIP Router#01



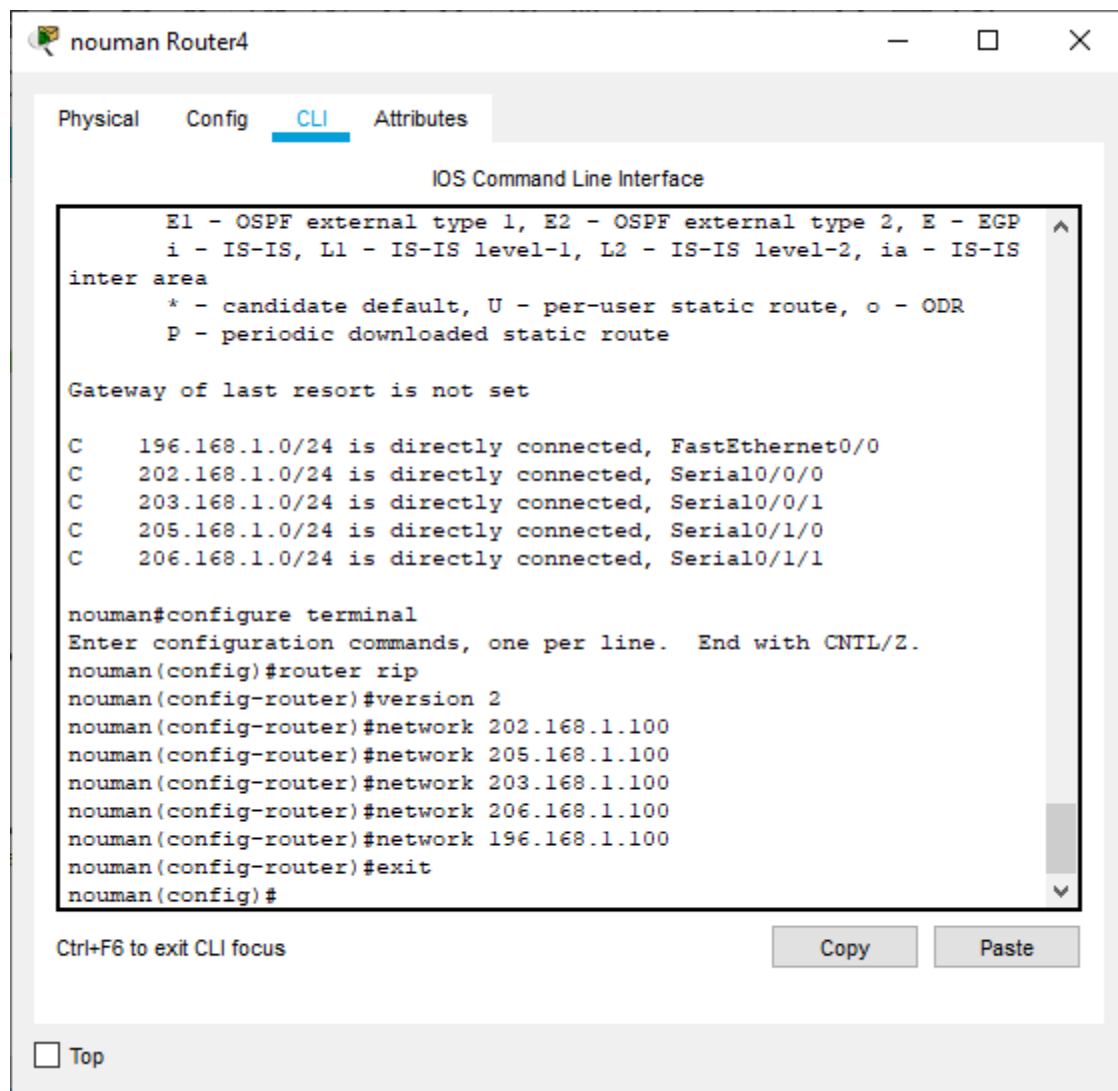
RIP Router#02



RIP Router#03



RIP Router#04



RIP Router#05



nouman Router5



Physical

Config

CLI

Attributes

IOS Command Line Interface

Press RETURN to get started.

```
nouman>en
nouman#conf t
Enter configuration commands, one per line. End with CNTL/Z.
nouman(config)#router rip
nouman(config-router)#version 2
nouman(config-router)#network 206.168.1.100
nouman(config-router)#network 194.168.1.100
nouman(config-router)#exit
nouman(config)#
```

Ctrl+F6 to exit CLI focus

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☐ Top

nouman PC3

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.1.102

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.101

DNS Server

0.0.0.0

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link LocalAddress

FE80::2E0:8FFF:FE9D:2249

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Top

nouman PC13

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

195.168.1.102

Subnet Mask

255.255.255.0

Default Gateway

195.168.1.101

DNS Server

0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link Local Address

FE80::20C:CFFF:FEA6:63D0

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

nouman PC4

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 193.168.1.102

Subnet Mask 255.255.255.0

Default Gateway 193.168.1.101

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::204:9AFF:FE4D:38C6

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

nouman PC10

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

196.168.1.102

Subnet Mask

255.255.255.0

Default Gateway

196.168.1.101

DNS Server

0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

/

Link LocalAddress

FE80::204:9AFF:FE67:B081

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

nouman PC9

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 194.168.1.102

Subnet Mask 255.255.255.0

Default Gateway 194.168.1.101

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address /

Link Local Address FE80::2D0:BCFF:FE04:15C1

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

☐ Top

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Nu
	Successful	nouman PC13	nouman PC10	ICMP	Blue	0.000	N	
	Successful	nouman PC4	nouman PC13	ICMP	Red	0.000	N	
	Successful	nouman Ro...	nouman PC10	ICMP	Green	0.000	N	