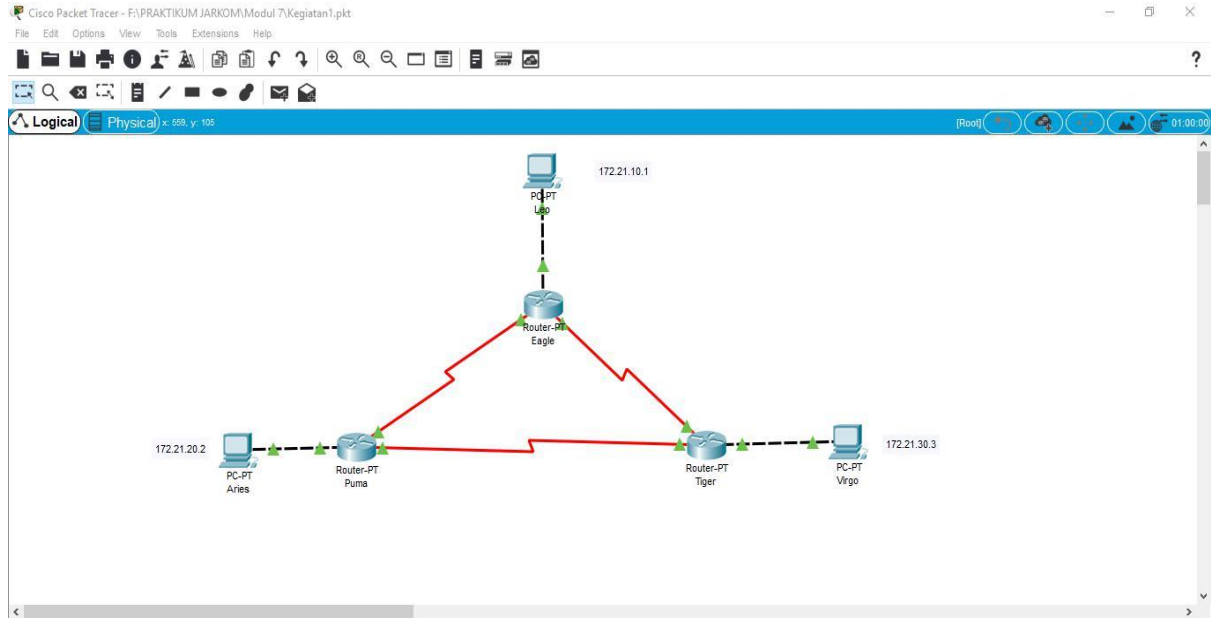


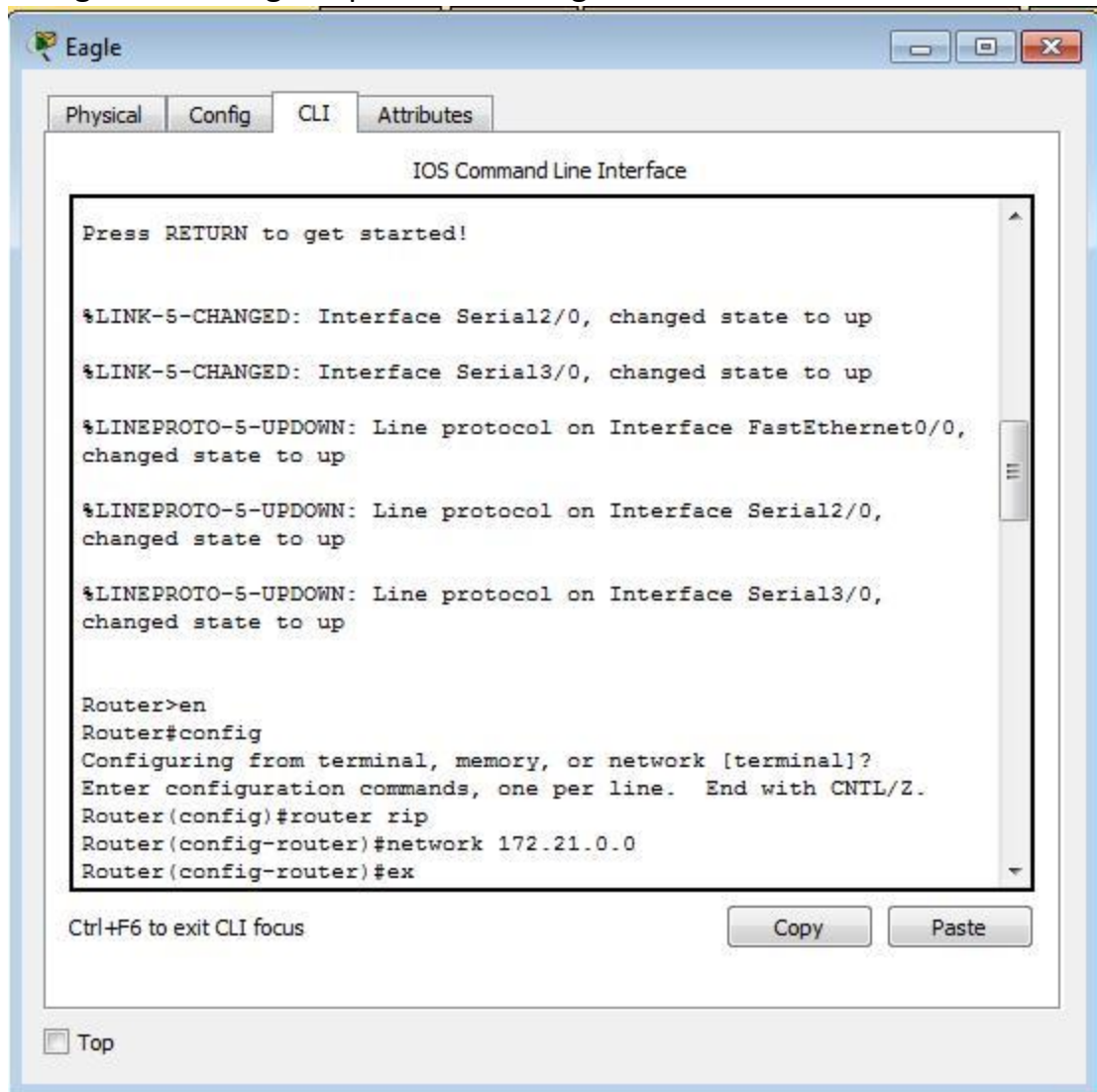
Name : Fikri Anggra Berlian
NIM : L200174090
Class : X

Modul 7

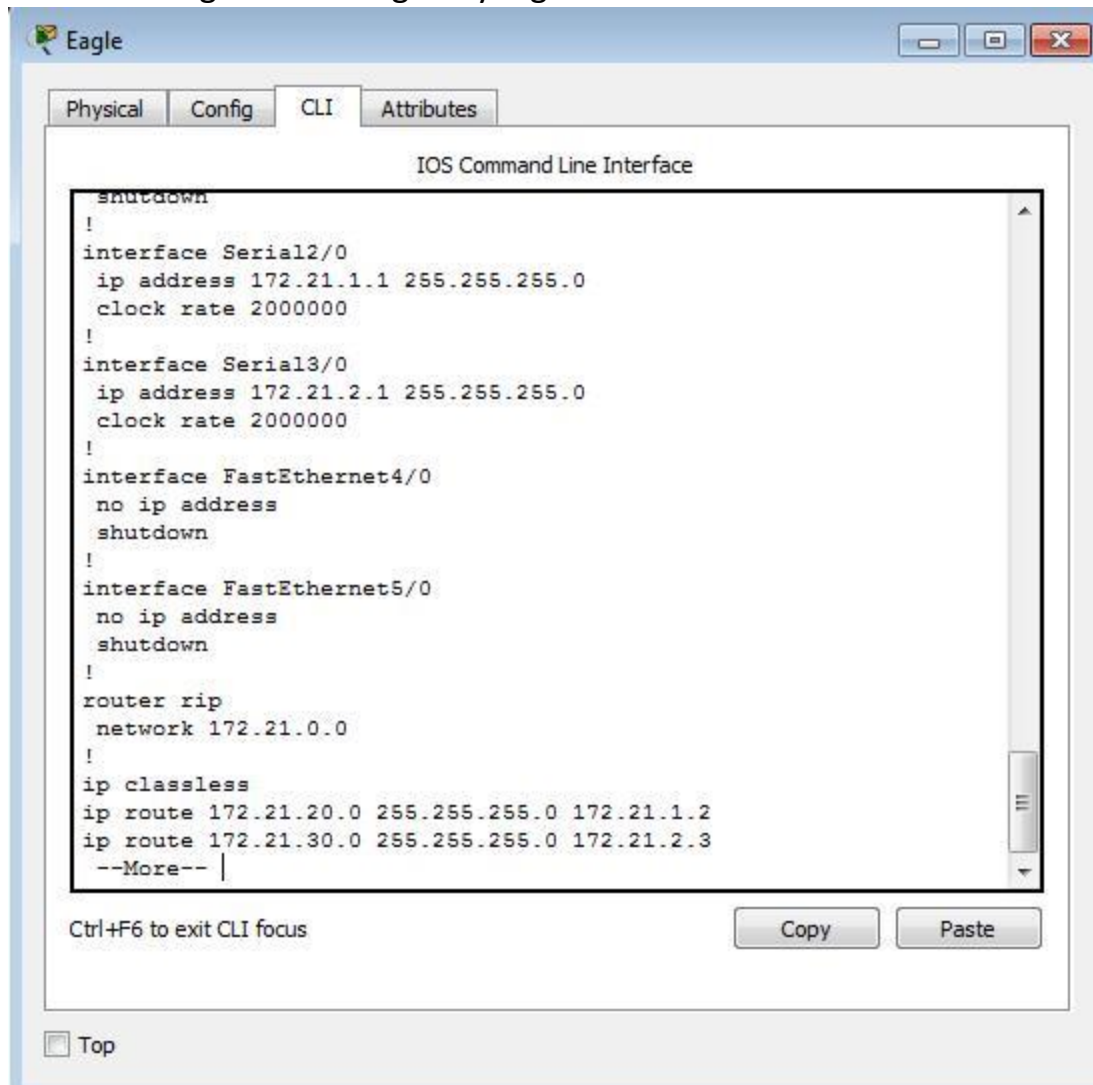


Kegiatan 2 (Routing Information Protocol)

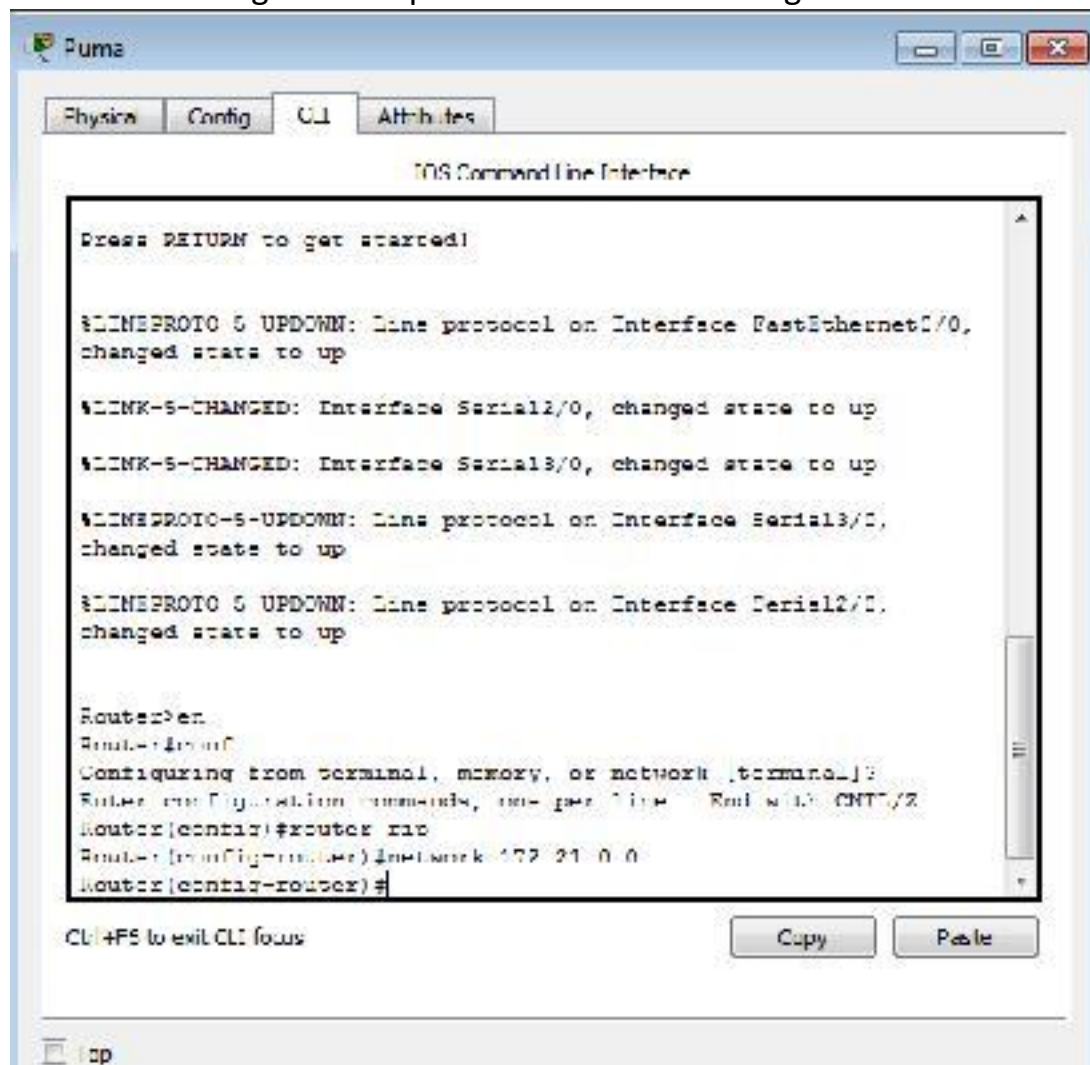
1. Konfigurasi routing RIP pada router eagle

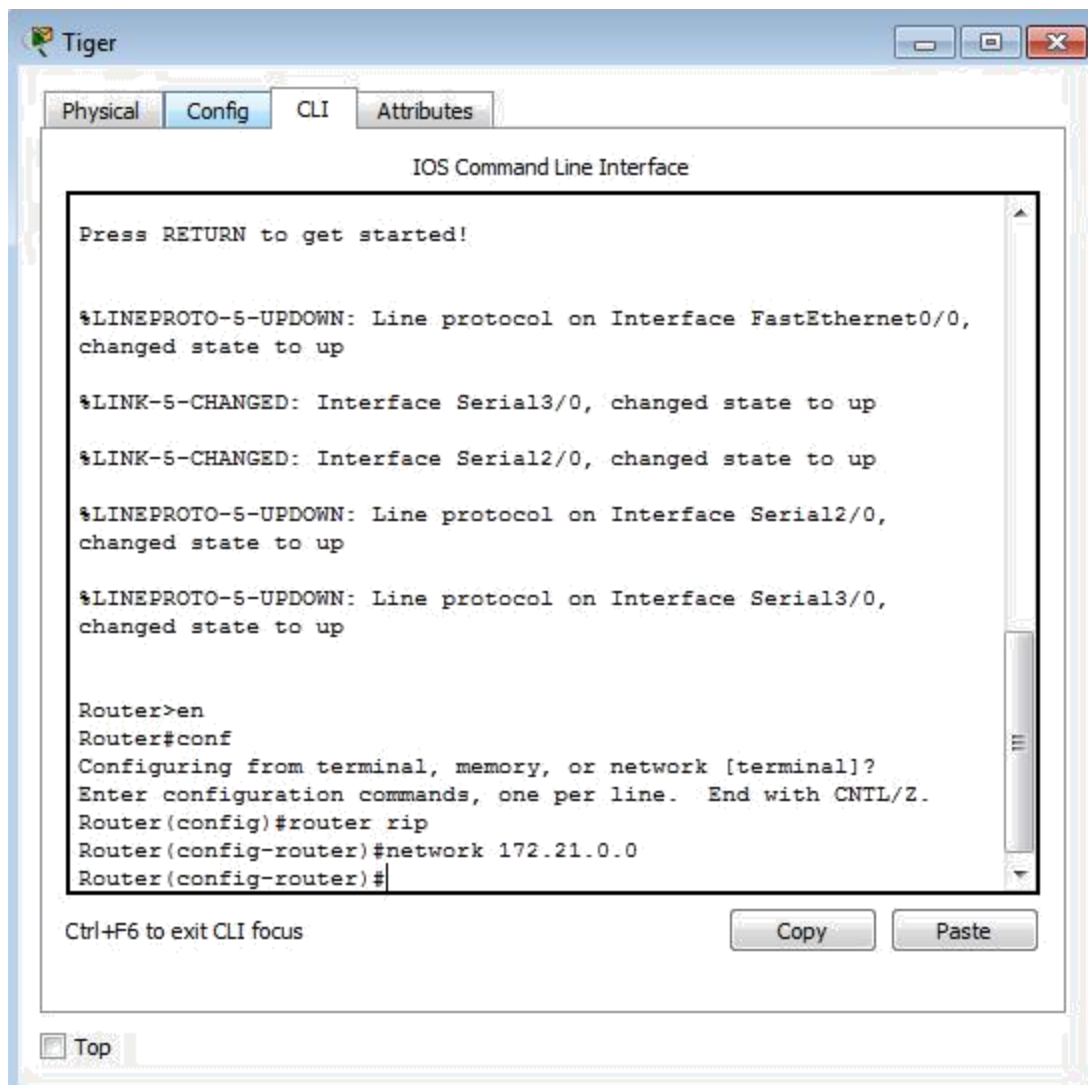


2. Melihat konfigurasi routing RIP yang telah dibuat

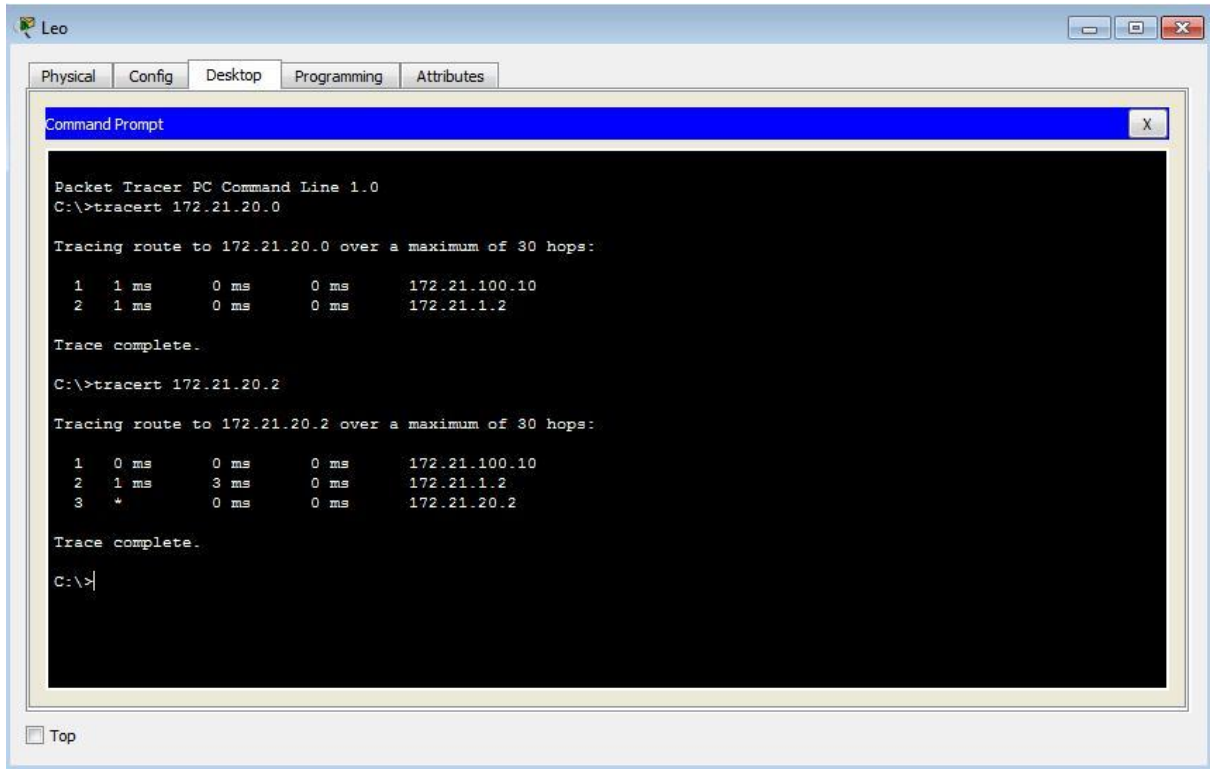


3. Melakukan konfigurasi RIP pada router Puma dan Tiger





4. Trace dari PC Leo ke Aries



```
Packet Tracer PC Command Line 1.0
C:\>tracert 172.21.20.0

Tracing route to 172.21.20.0 over a maximum of 30 hops:

  1  1 ms    0 ms    0 ms    172.21.100.10
  2  1 ms    0 ms    0 ms    172.21.1.2

Trace complete.

C:\>tracert 172.21.20.2

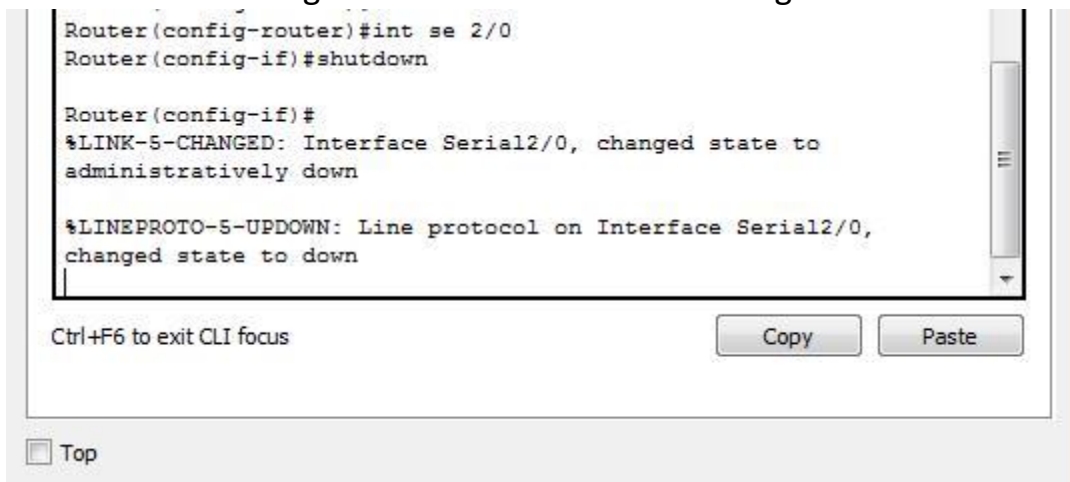
Tracing route to 172.21.20.2 over a maximum of 30 hops:

  1  0 ms    0 ms    0 ms    172.21.100.10
  2  1 ms    3 ms    0 ms    172.21.1.2
  3  *        0 ms    0 ms    172.21.20.2

Trace complete.

C:\>
```

5. Memutuskan hubungan antara router Puma dan Eagle



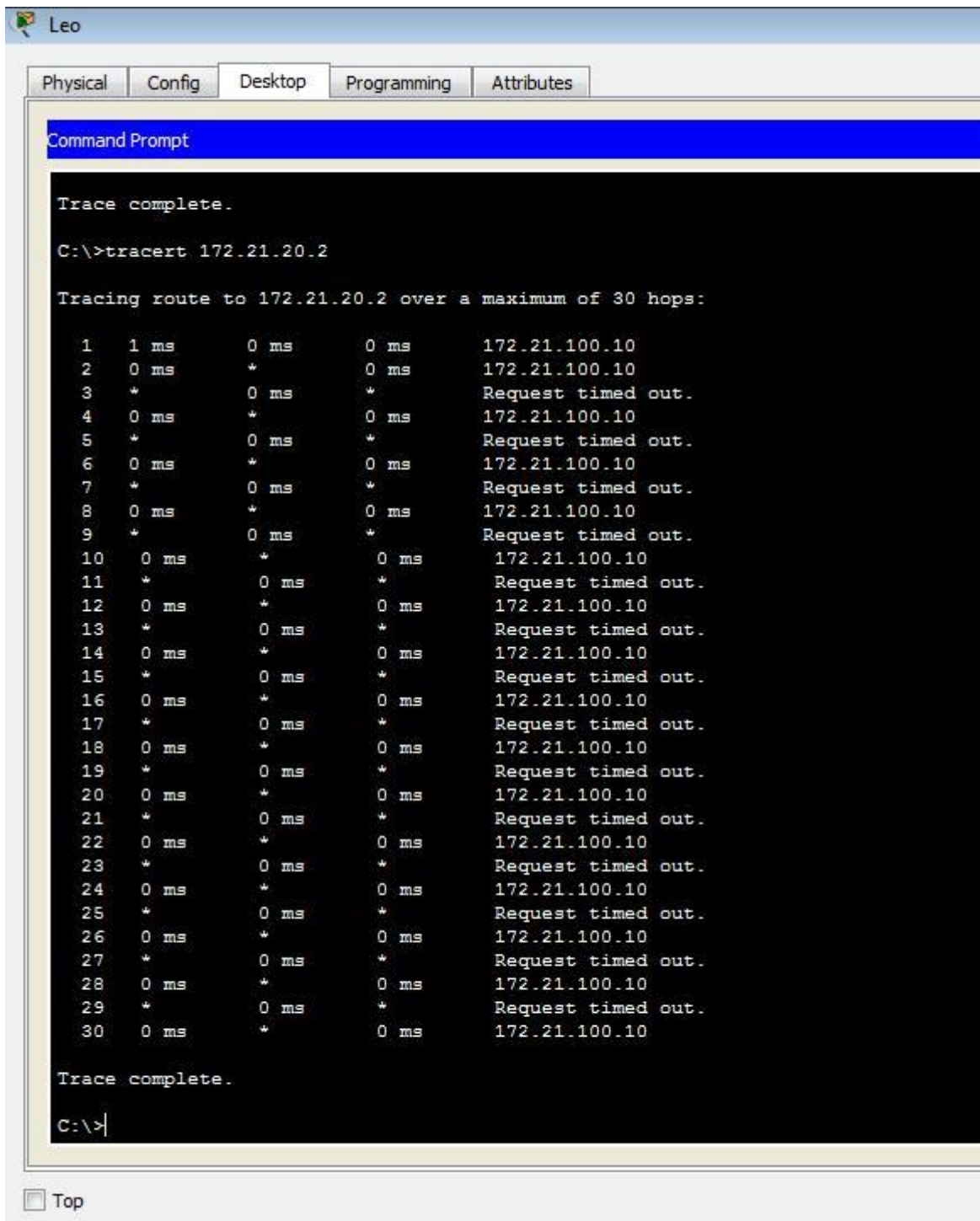
```
Router(config-router)#int se 2/0
Router(config-if)#shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to
administratively down

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0,
changed state to down

Ctrl+F6 to exit CLI focus
```

6. Trace PC Leo ke Aries setelah memutuskan hubungan router Puma dan Eeagle



The screenshot shows a desktop environment with a window titled "Leo". The window has tabs for "Physical", "Config", "Desktop", "Programming", and "Attributes". The "Desktop" tab is active, displaying a "Command Prompt" window. The command prompt shows the execution of a traceroute command to 172.21.20.2. The output indicates that the route is complete, but all hops from 3 to 30 result in "Request timed out.".

```
Leo
Physical Config Desktop Programming Attributes
Command Prompt

Trace complete.

C:\>tracert 172.21.20.2

Tracing route to 172.21.20.2 over a maximum of 30 hops:

  1  1 ms    0 ms    0 ms    172.21.100.10
  2  0 ms    *        0 ms    172.21.100.10
  3  *        0 ms    *        Request timed out.
  4  0 ms    *        0 ms    172.21.100.10
  5  *        0 ms    *        Request timed out.
  6  0 ms    *        0 ms    172.21.100.10
  7  *        0 ms    *        Request timed out.
  8  0 ms    *        0 ms    172.21.100.10
  9  *        0 ms    *        Request timed out.
 10  0 ms    *        0 ms    172.21.100.10
 11  *        0 ms    *        Request timed out.
 12  0 ms    *        0 ms    172.21.100.10
 13  *        0 ms    *        Request timed out.
 14  0 ms    *        0 ms    172.21.100.10
 15  *        0 ms    *        Request timed out.
 16  0 ms    *        0 ms    172.21.100.10
 17  *        0 ms    *        Request timed out.
 18  0 ms    *        0 ms    172.21.100.10
 19  *        0 ms    *        Request timed out.
 20  0 ms    *        0 ms    172.21.100.10
 21  *        0 ms    *        Request timed out.
 22  0 ms    *        0 ms    172.21.100.10
 23  *        0 ms    *        Request timed out.
 24  0 ms    *        0 ms    172.21.100.10
 25  *        0 ms    *        Request timed out.
 26  0 ms    *        0 ms    172.21.100.10
 27  *        0 ms    *        Request timed out.
 28  0 ms    *        0 ms    172.21.100.10
 29  *        0 ms    *        Request timed out.
 30  0 ms    *        0 ms    172.21.100.10

Trace complete.

C:\>
```

☐ Top

Kegiatan 3 (Interior Gateway Routing Protocol)

1. Konfigurasi routing EIGRP pada router Eagle

```
Router#  
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)#network 172.21.0.0  
Router(config-router)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

2. Melihat konfigurasi routing EIGRP

```
router eigrp 100  
network 172.21.0.0  
auto-summary  
!  
router rip  
network 172.21.0.0  
!  
ip classless  
ip route 172.21.20.0 255.255.255.0 172.21.1.2  
ip route 172.21.30.0 255.255.255.0 172.21.3.3  
ip route 172.21.30.0 255.255.255.0 172.21.2.3  
!  
ip flow-export version 9  
!
```

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

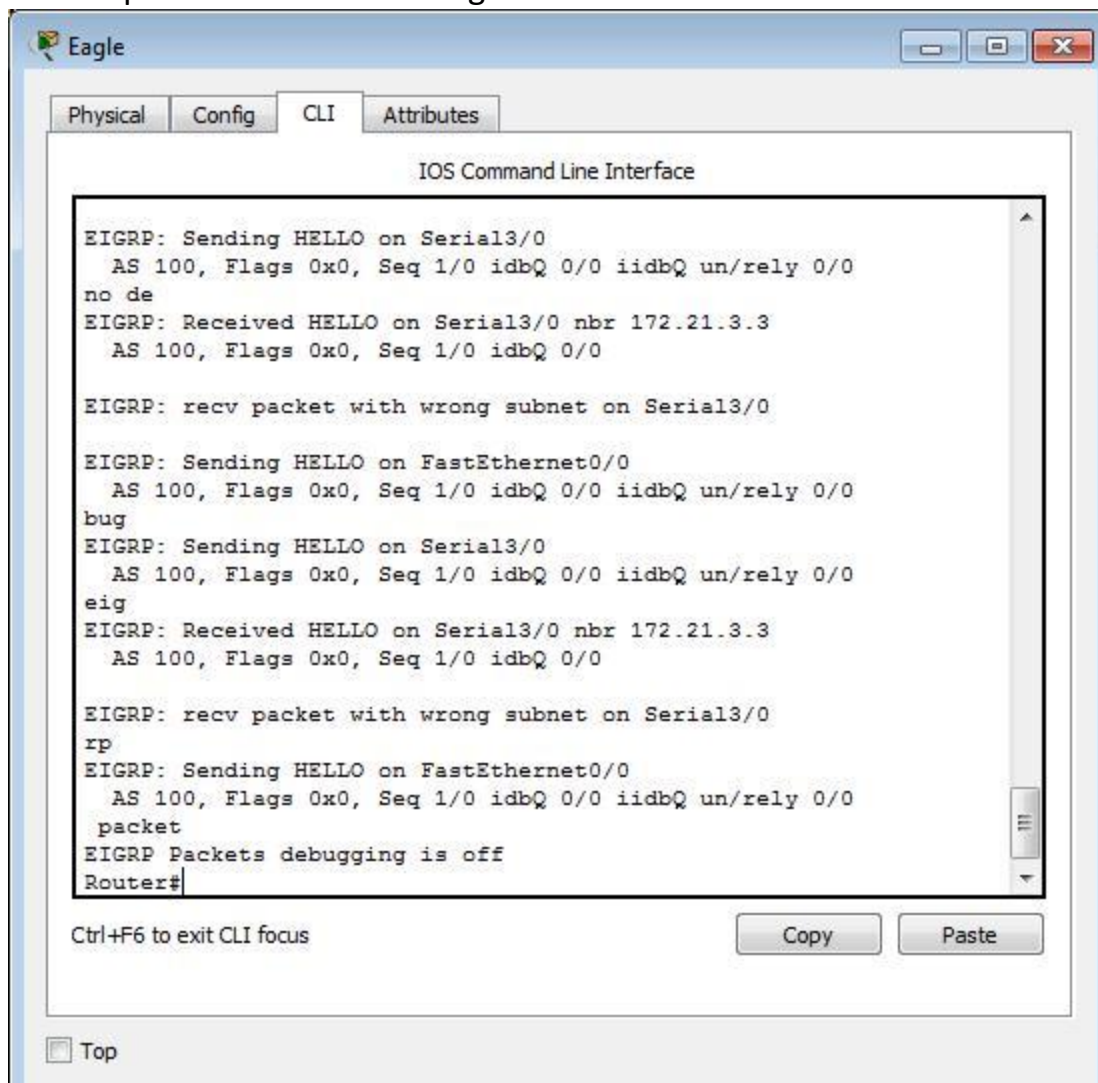
3. Melihat proses routing EIGRP dengan perintah “debug ip eigrp summary”

```
Router#debug ip eigrp summary  
IP-EIGRP Summary route processing debugging is on  
Router#
```

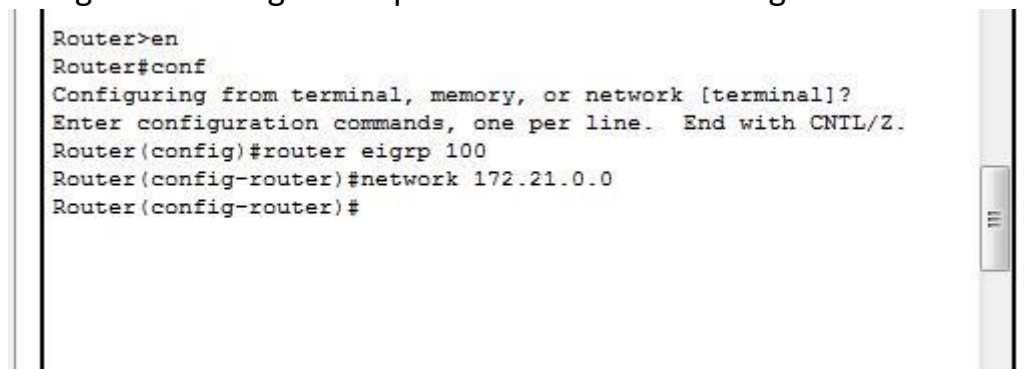
Ctrl+F6 to exit CLI focus

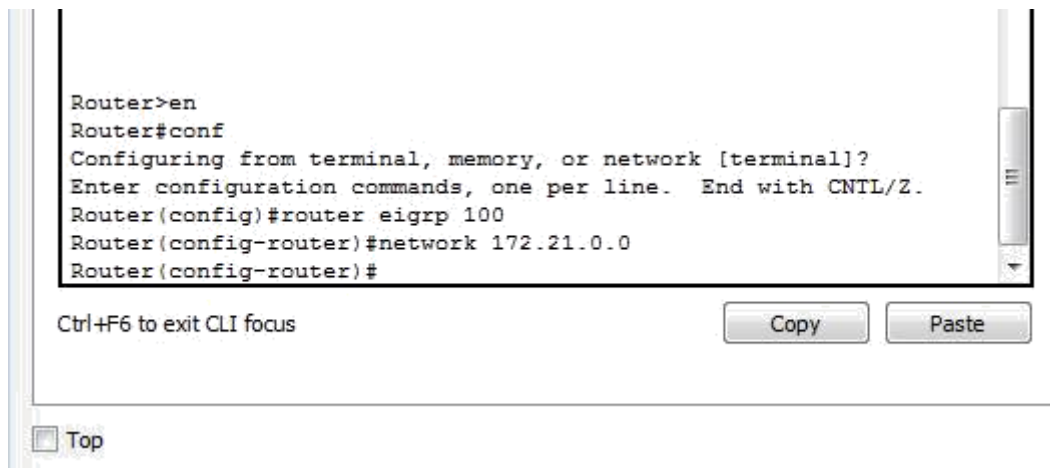
Copy Paste

4. Melihat proses transaksi routing EIGRP

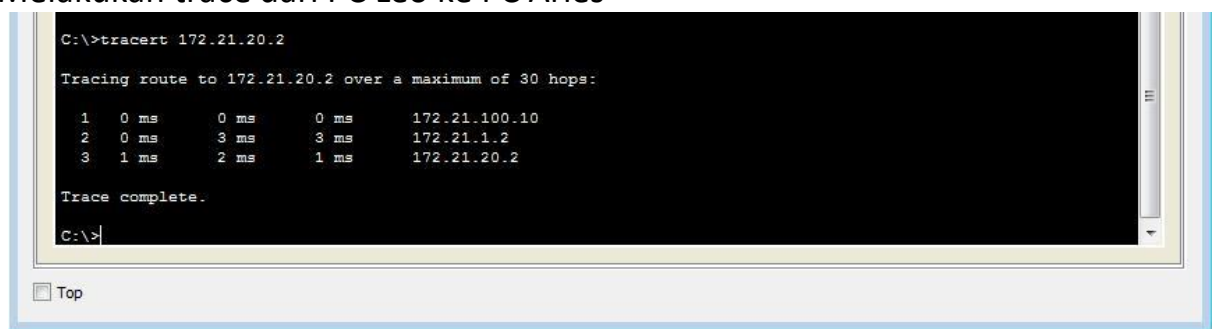


5. Konfigurasi routing EIGRP pada router Puma dan Tiger

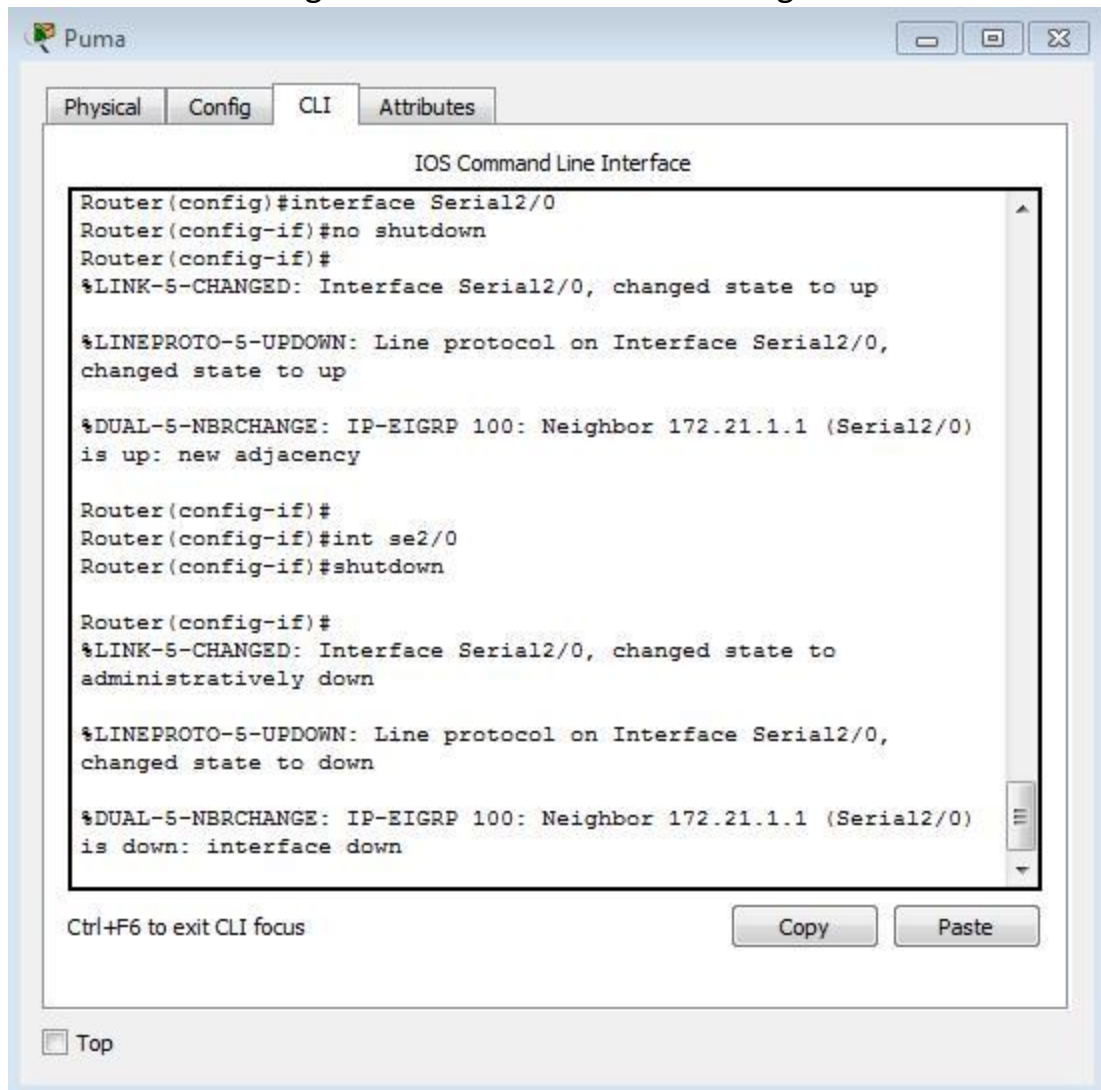




6. Melakukan trace dari PC Leo ke PC Aries



7. Memutuskan hubungan antara router Puma dan Eagle



8. Melakukan Trace dari PC Leo ke PC Arie setelah memutuskan hubungan antara router Puma dan Eagle

