NAMA : WINDI SAPUTRI

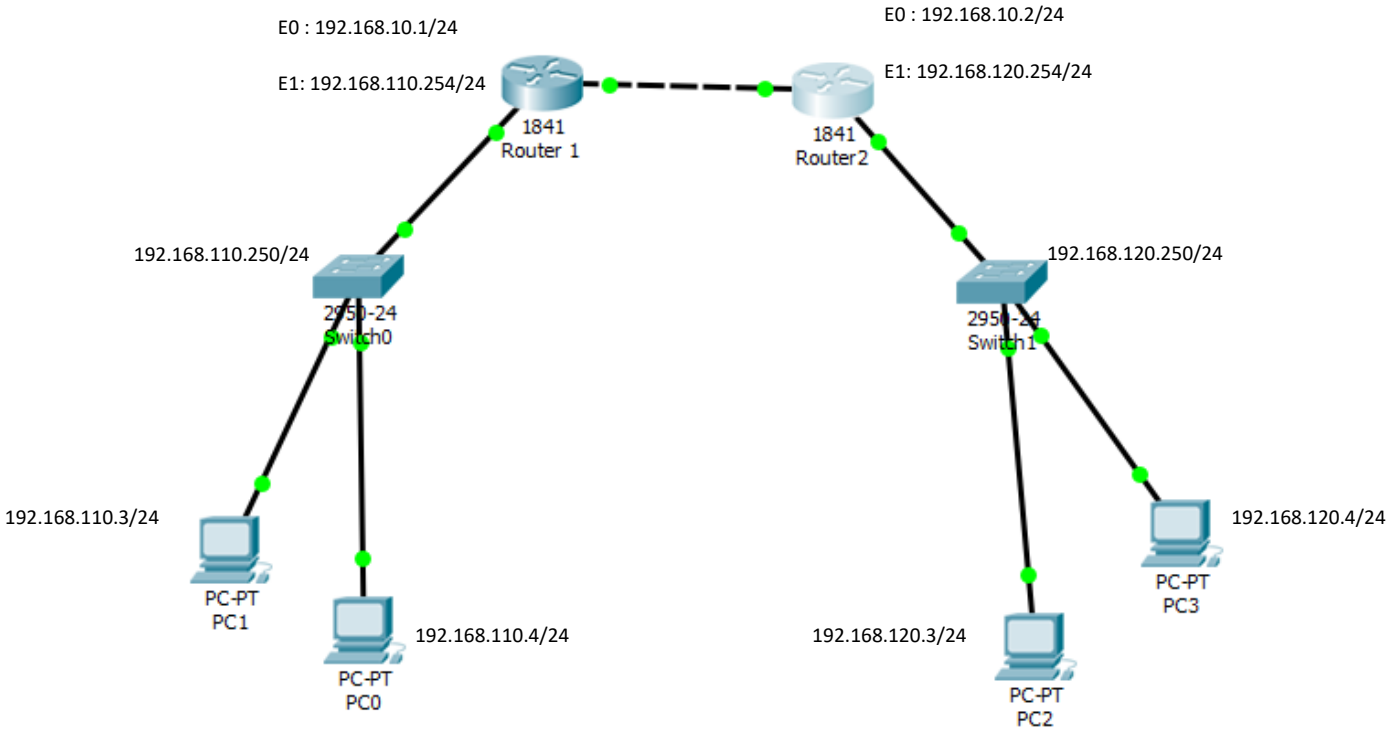
KELAS : C

NIM : L200170115

MODUL 8

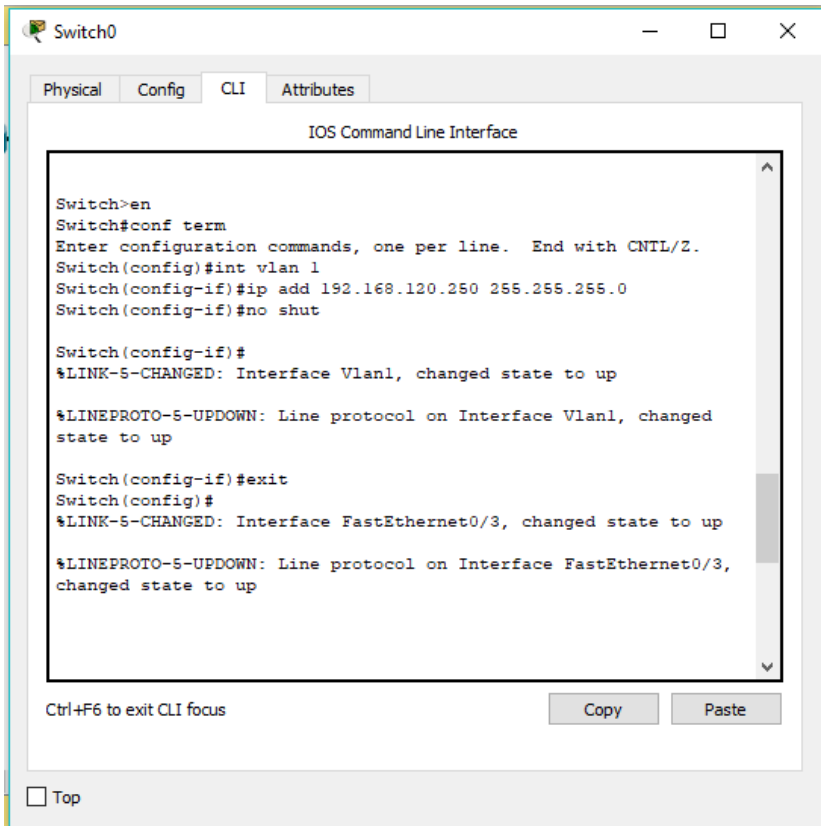
KEGIATAN 1.

1. KONFIGURASI ACCESS LIST

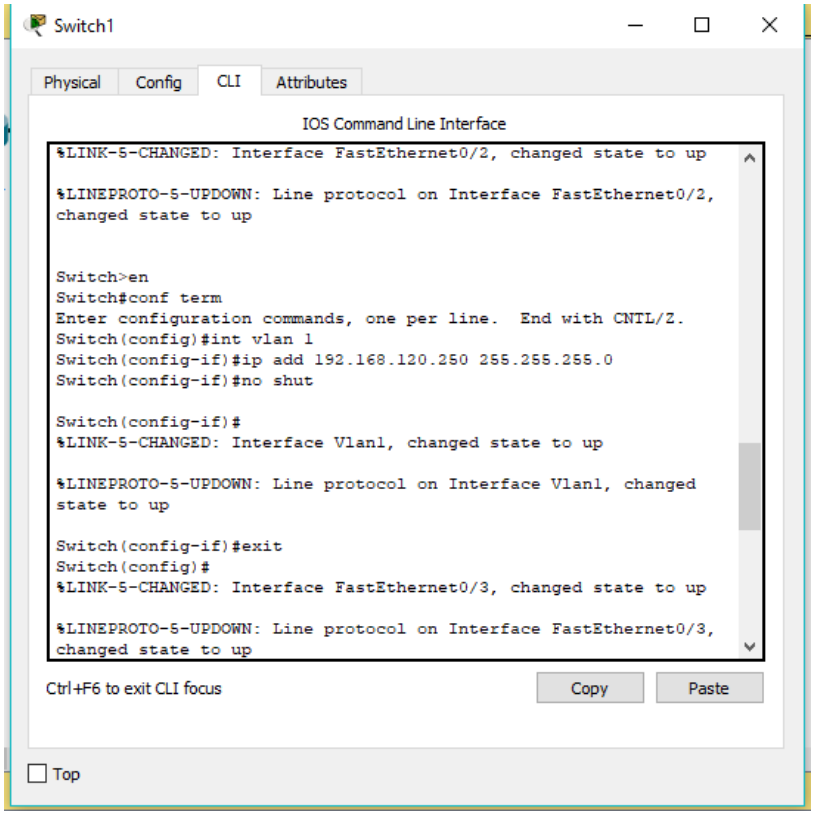


2. KONFIGURASI ALAMAT IP UNTUK SWITCH

SWITCH 1

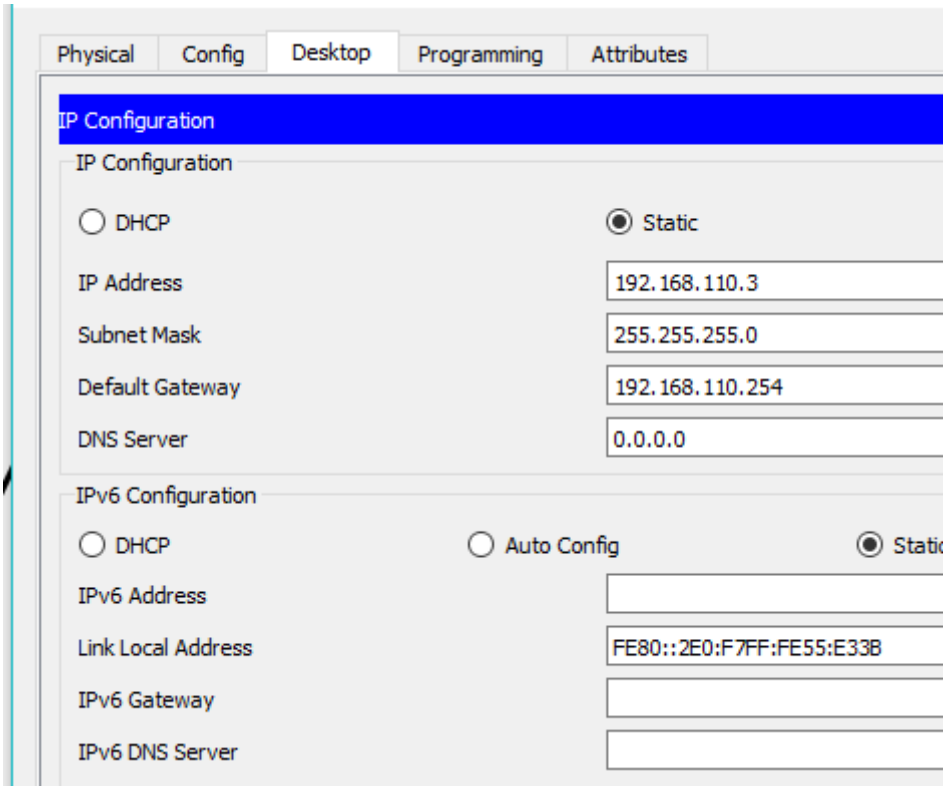


SWITCH 2

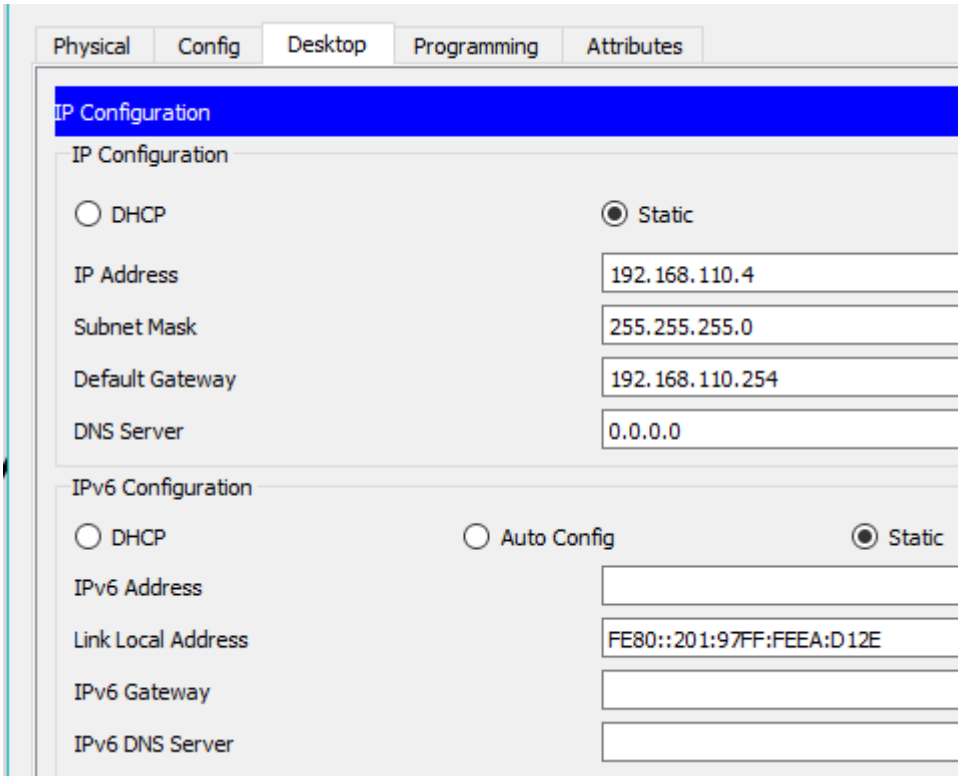


3. MEMBERI ALAMAT IP , SUBNET MASK, DAN DEFAULT GATEWAY PADA MASING2 PC

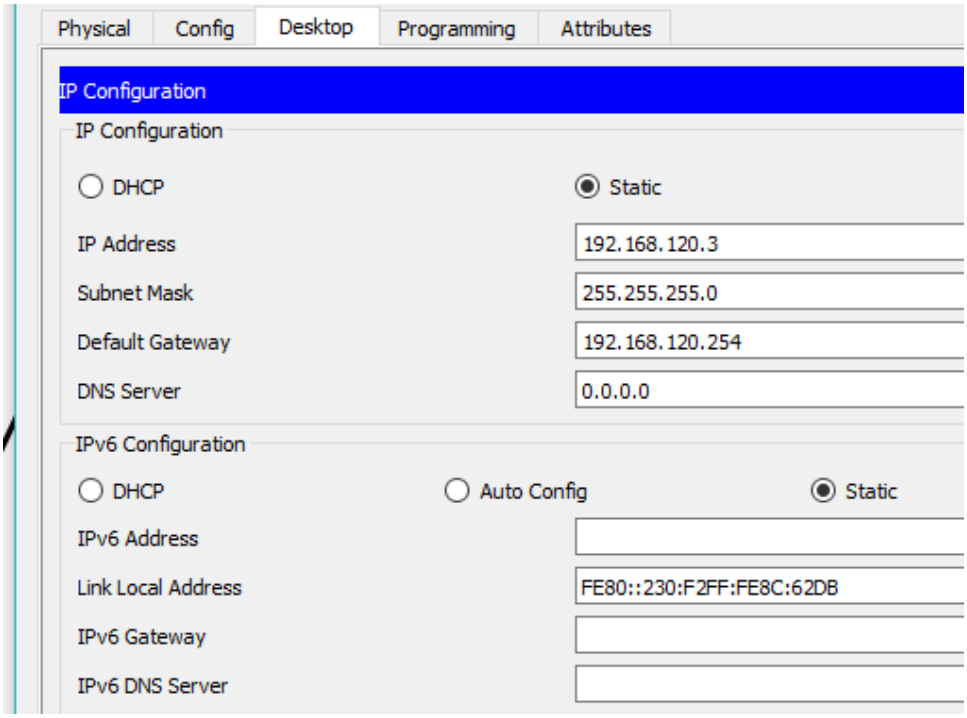
PC 1



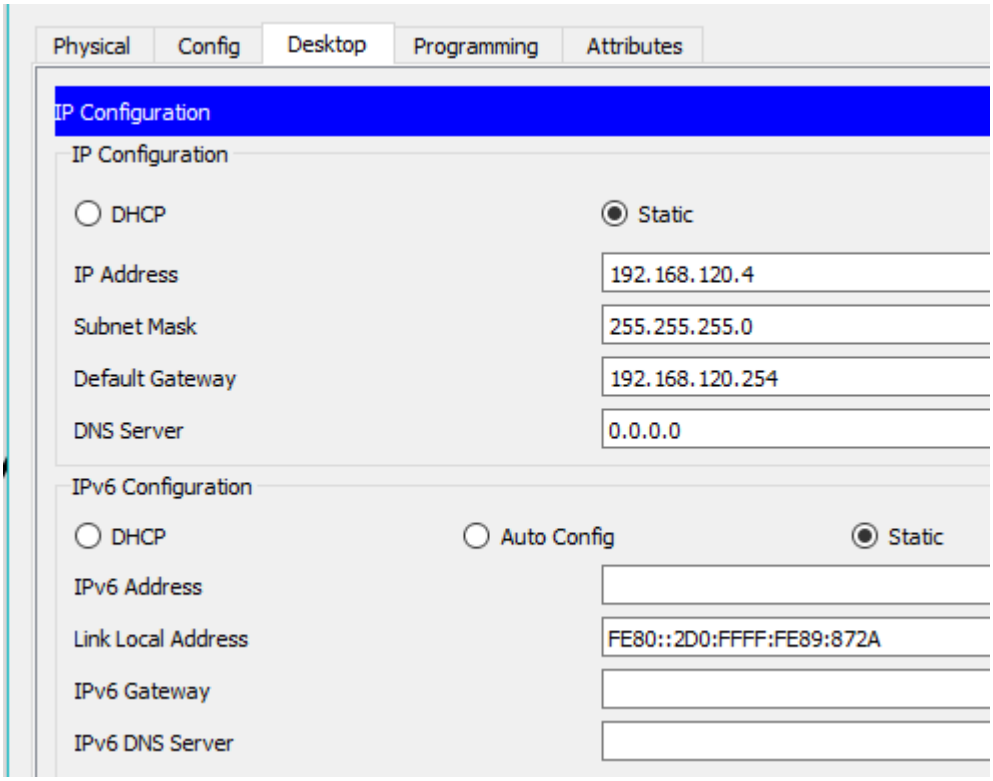
PC 2



PC 3

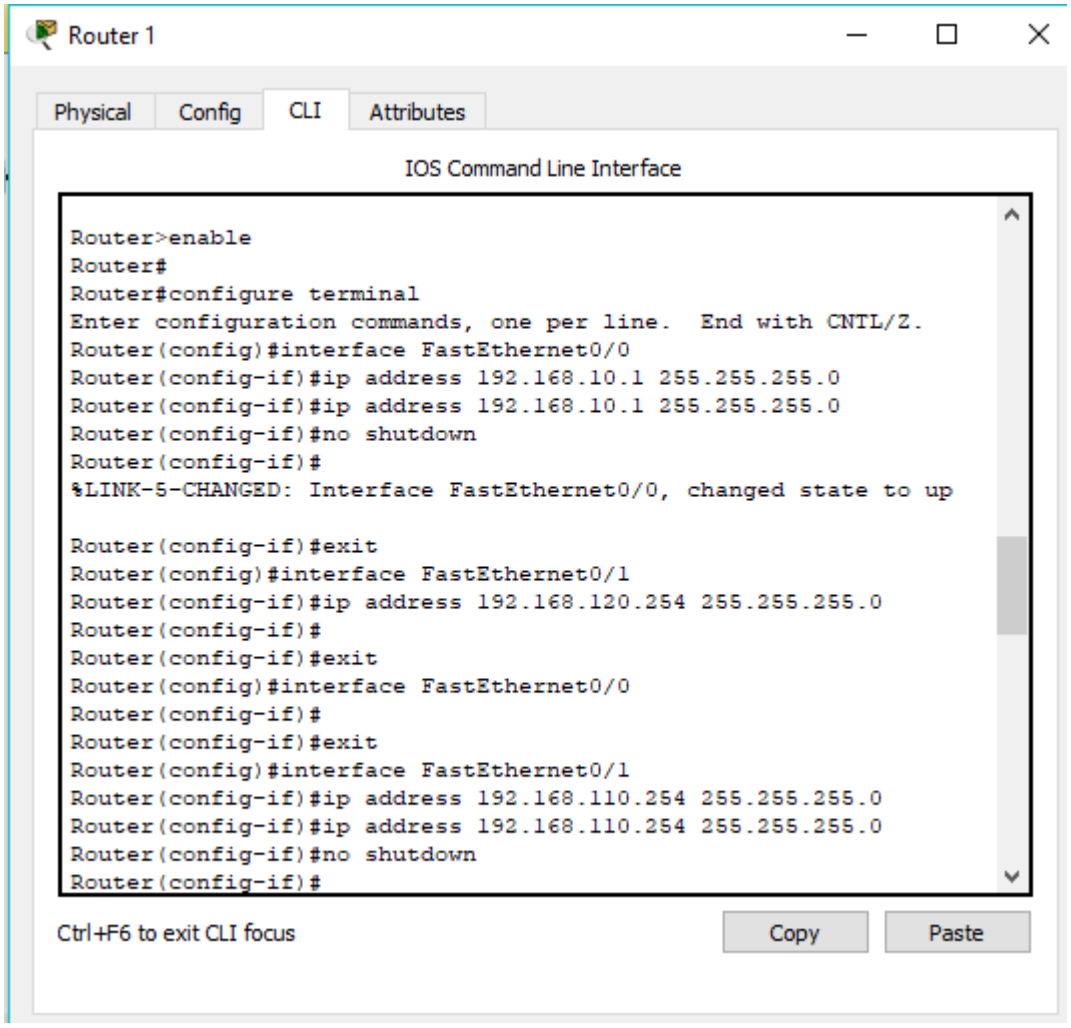

Physical
Config
Desktop
Programming
Attributes
IP Configuration
IP Configuration
DHCP
Static
IP Address
192.168.120.3
Subnet Mask
255.255.255.0
Default Gateway
192.168.120.254
DNS Server
0.0.0.0
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
Link Local Address
FE80::230:F2FF:FE8C:62DB
IPv6 Gateway
IPv6 DNS Server

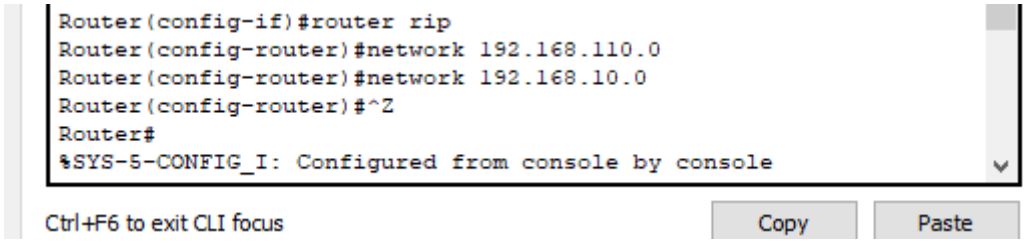
PC 4


Physical
Config
Desktop
Programming
Attributes
IP Configuration
IP Configuration
DHCP
Static
IP Address
192.168.120.4
Subnet Mask
255.255.255.0
Default Gateway
192.168.120.254
DNS Server
0.0.0.0
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
Link Local Address
FE80::2D0:FFFF:FE89:872A
IPv6 Gateway
IPv6 DNS Server

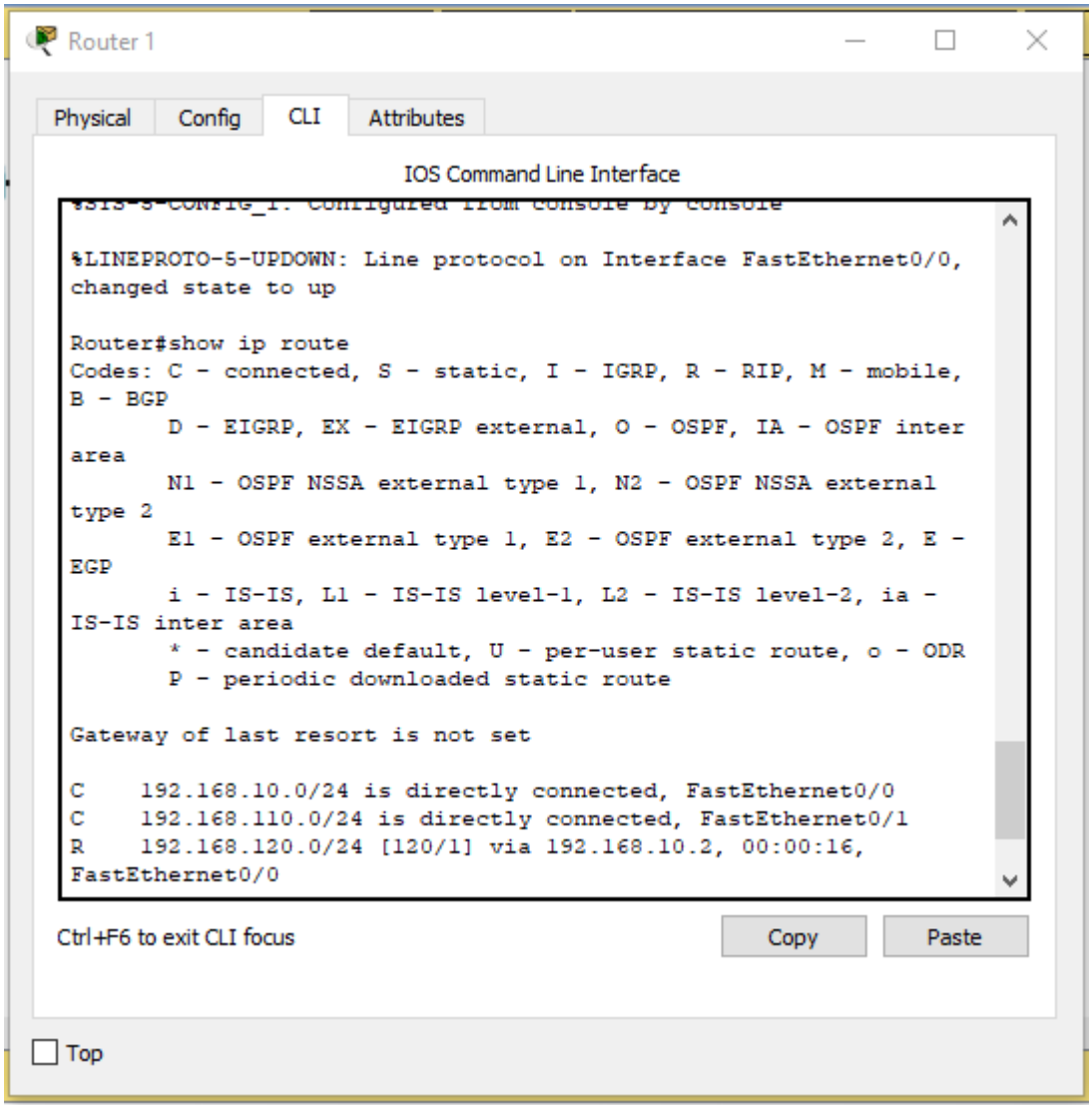
4. MELAKUKAN ROUTING PADA KEDUA JARINGAN

ROUTER 1

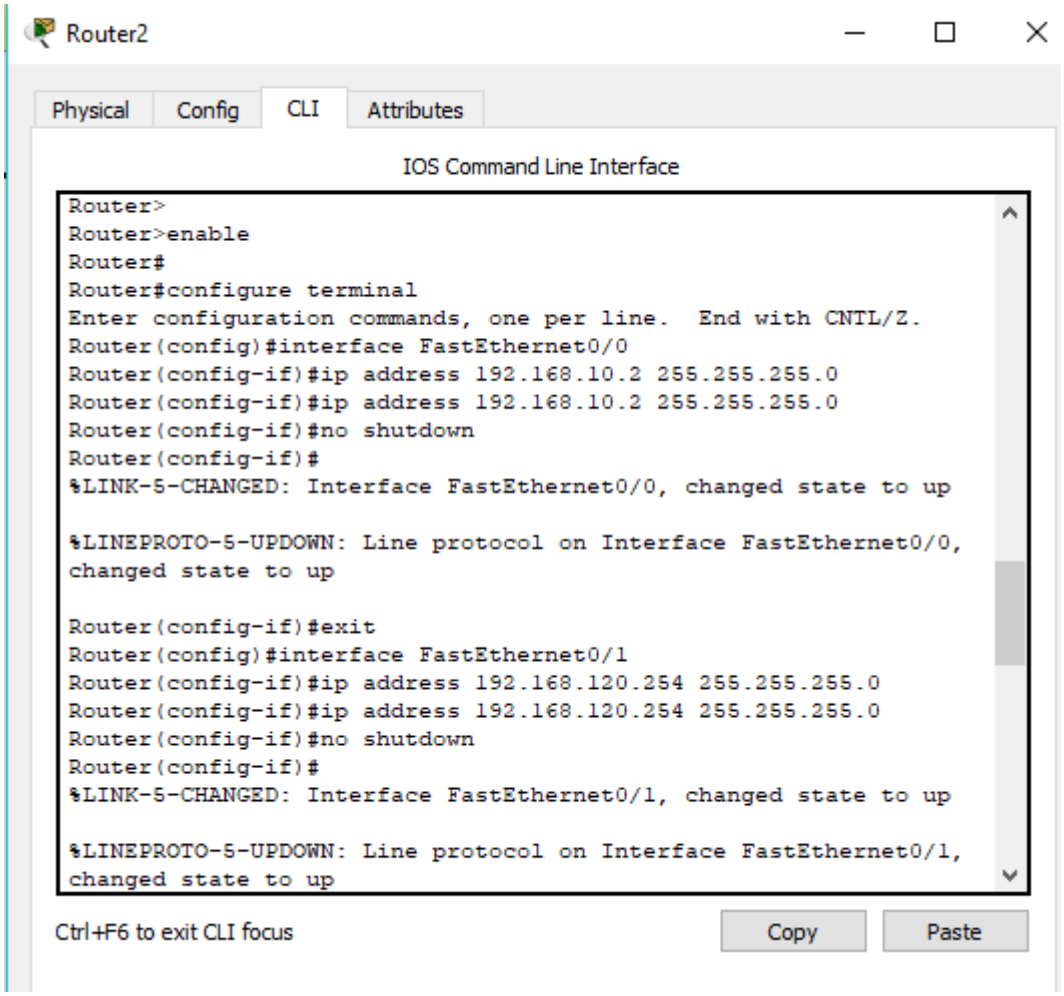


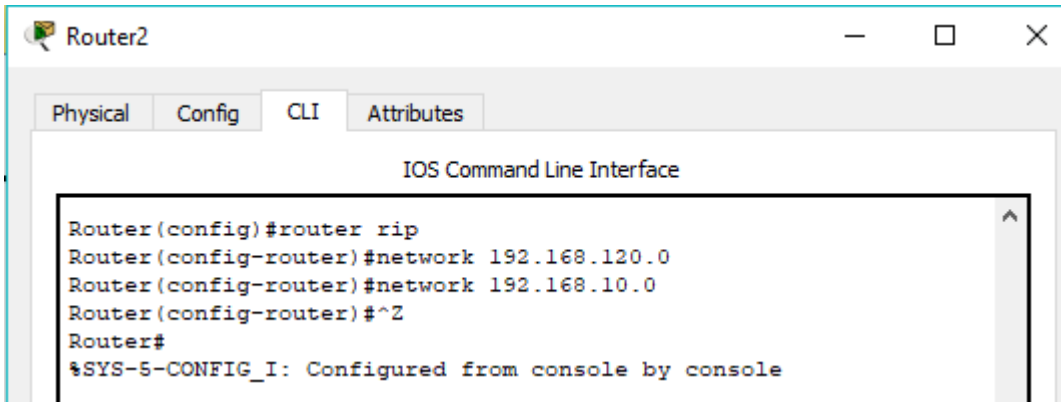


CEK TABEL ROUTING (SHOW IP ROUTE)

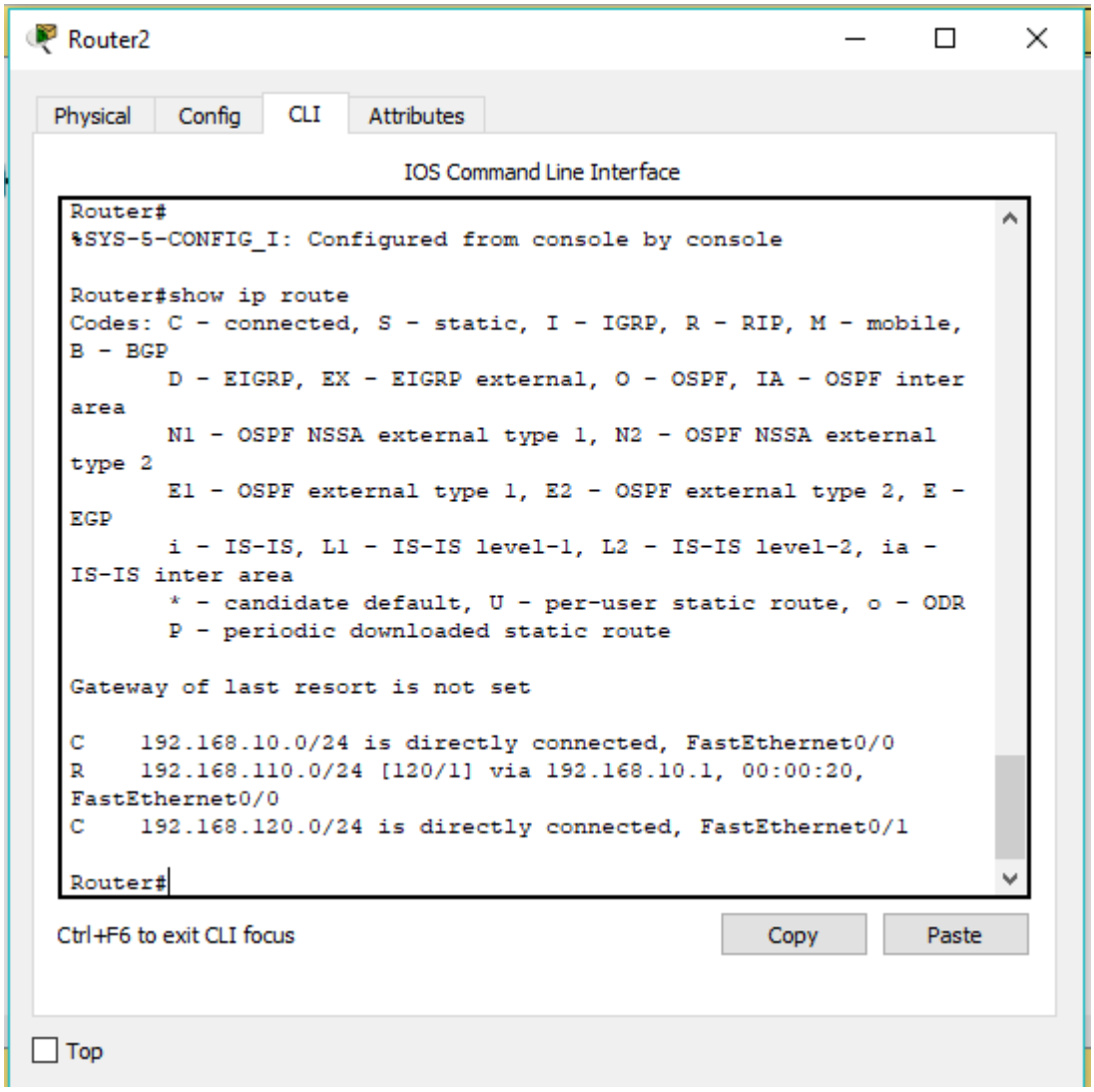


ROUTER 2

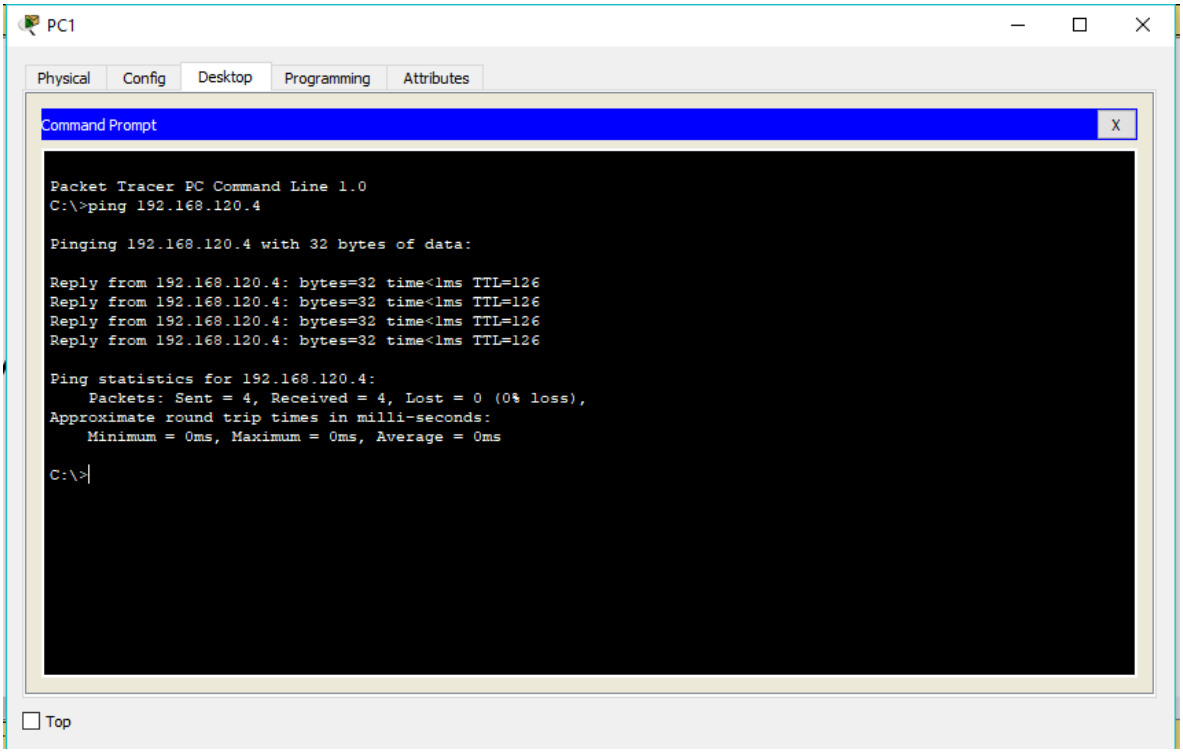

Router2
Physical
Config
CLI
Attributes
IOS Command Line Interface
Router>
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 192.168.10.2 255.255.255.0
Router(config-if)#ip address 192.168.10.2 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0,
changed state to up
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#ip address 192.168.120.254 255.255.255.0
Router(config-if)#ip address 192.168.120.254 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1,
changed state to up
Ctrl+F6 to exit CLI focus
Copy
Paste


Router2
Physical
Config
CLI
Attributes
IOS Command Line Interface
Router(config)#router rip
Router(config-router)#network 192.168.120.0
Router(config-router)#network 192.168.10.0
Router(config-router)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console

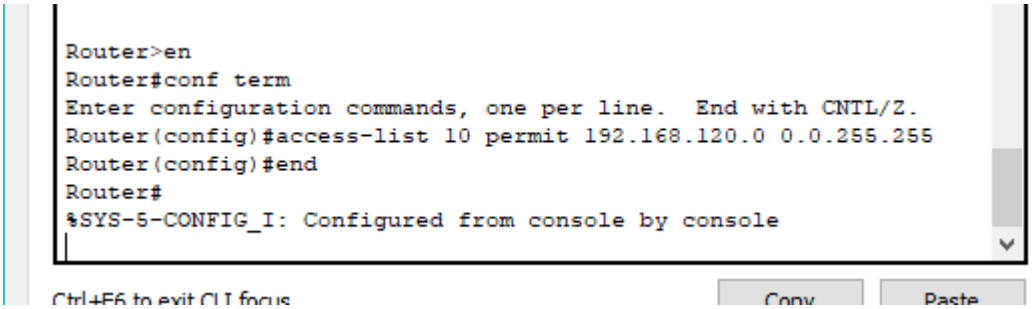
CEK TABEL ROUTING (SHOW IP ROUTE)



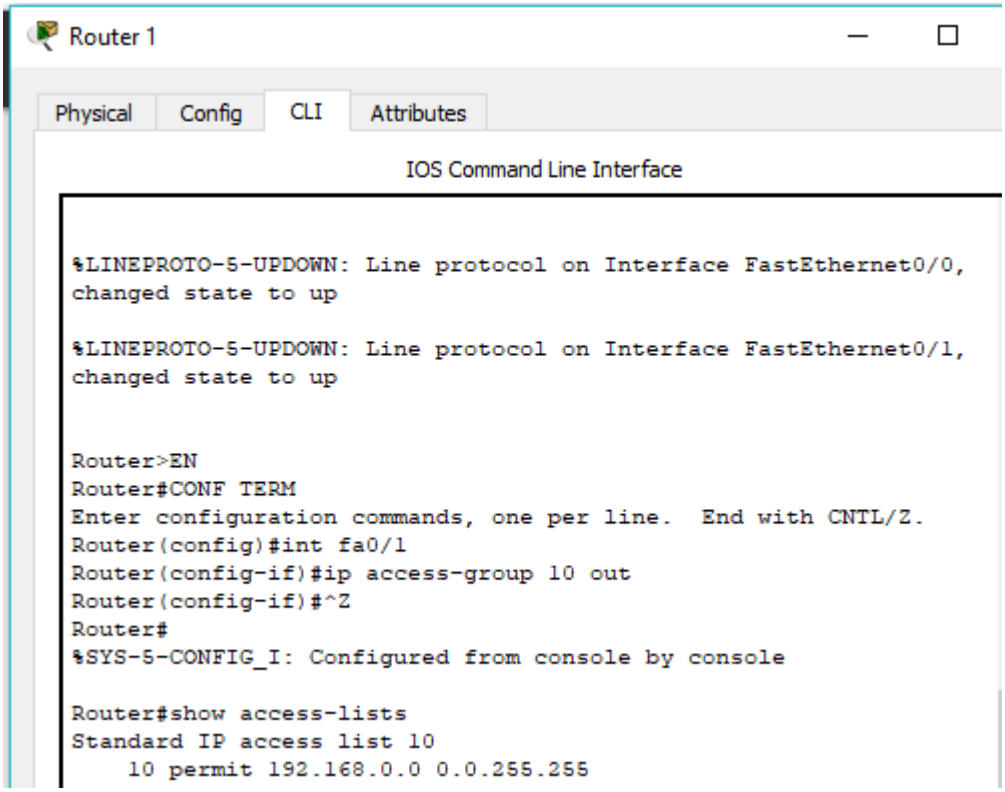
5. PING DARI PC 1 KE PC 4

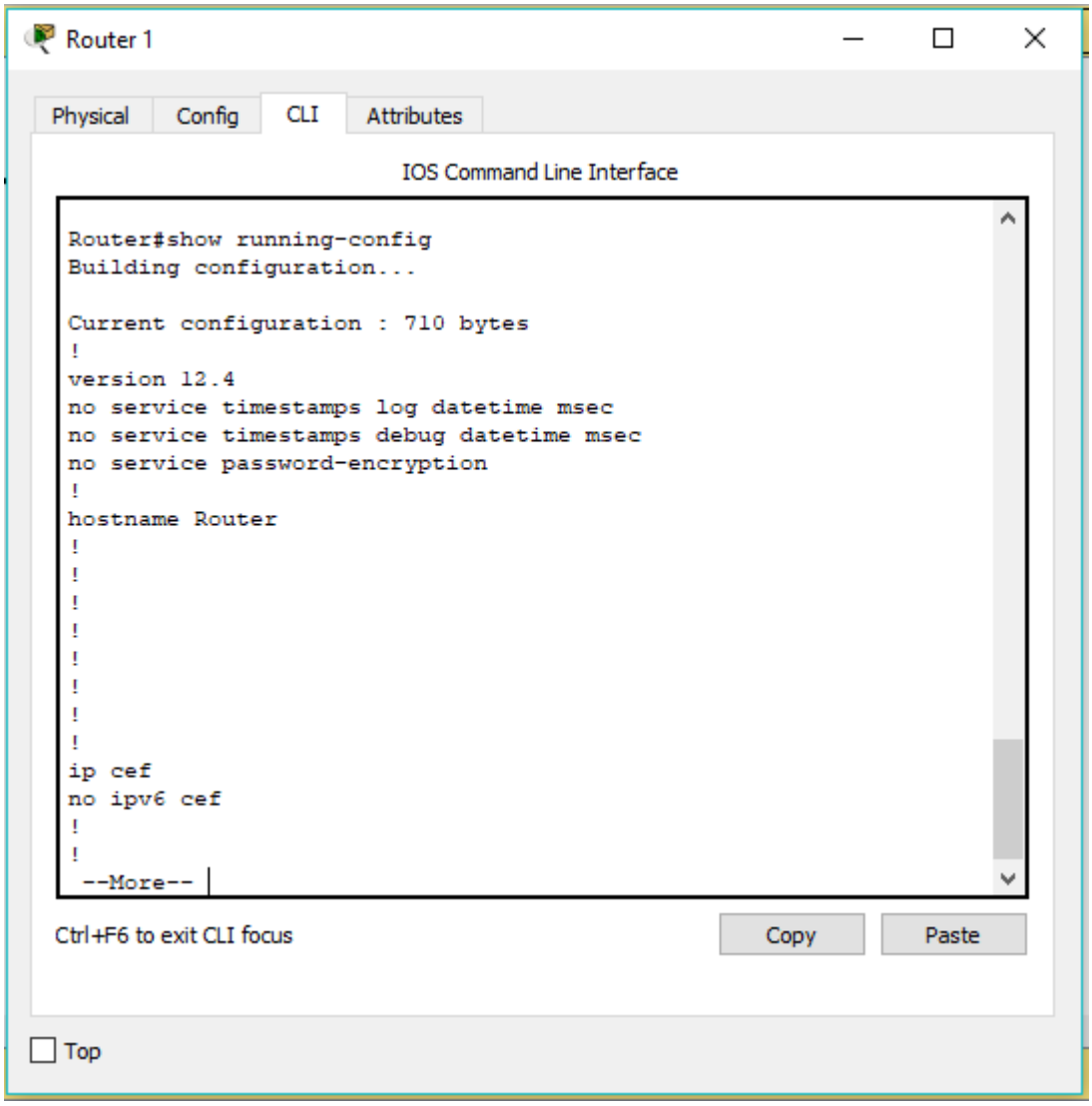


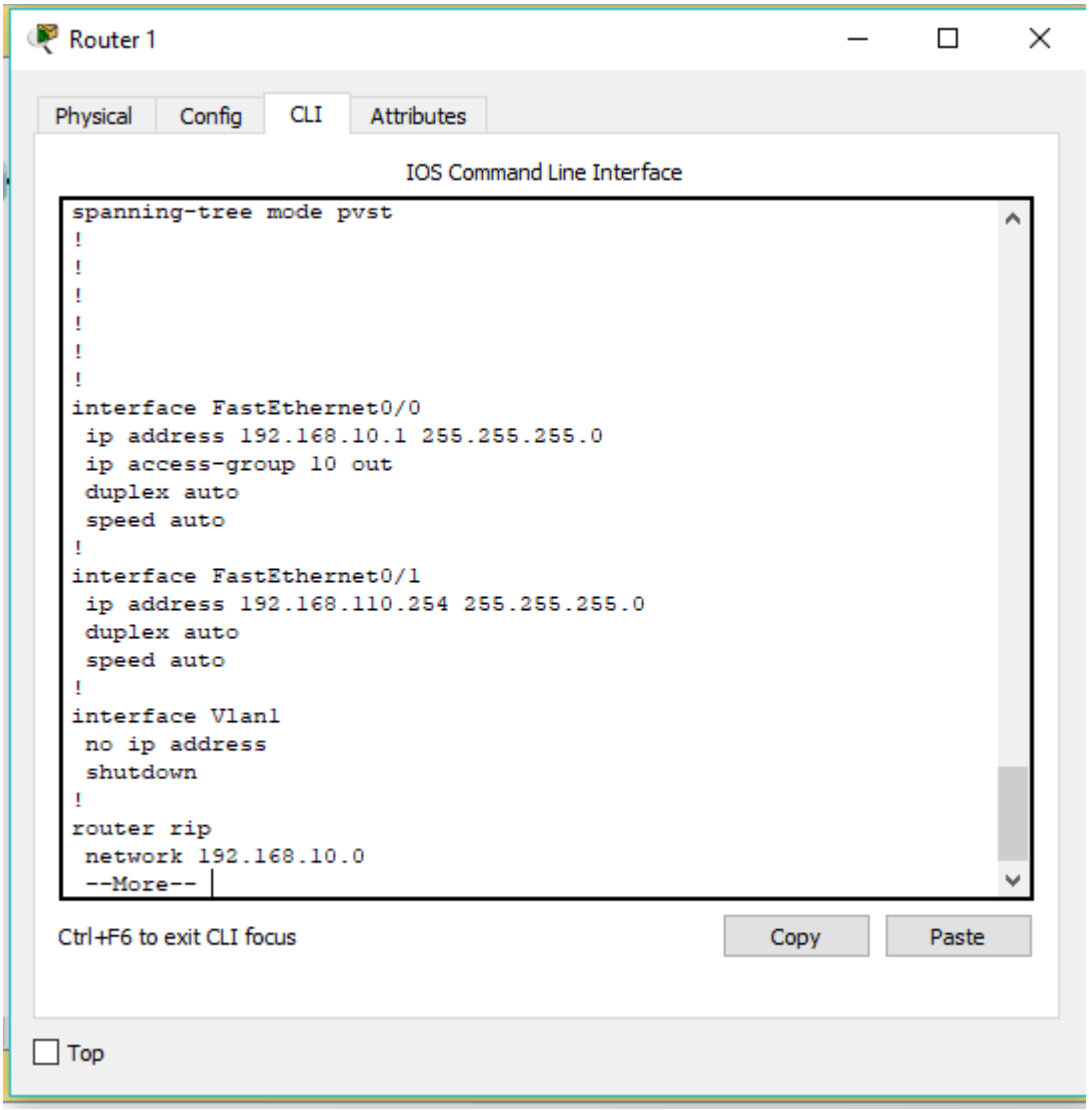
6. MENENTUKAN ACCESS-LIST YANG DITERAPKAN PADA ROUTER 1



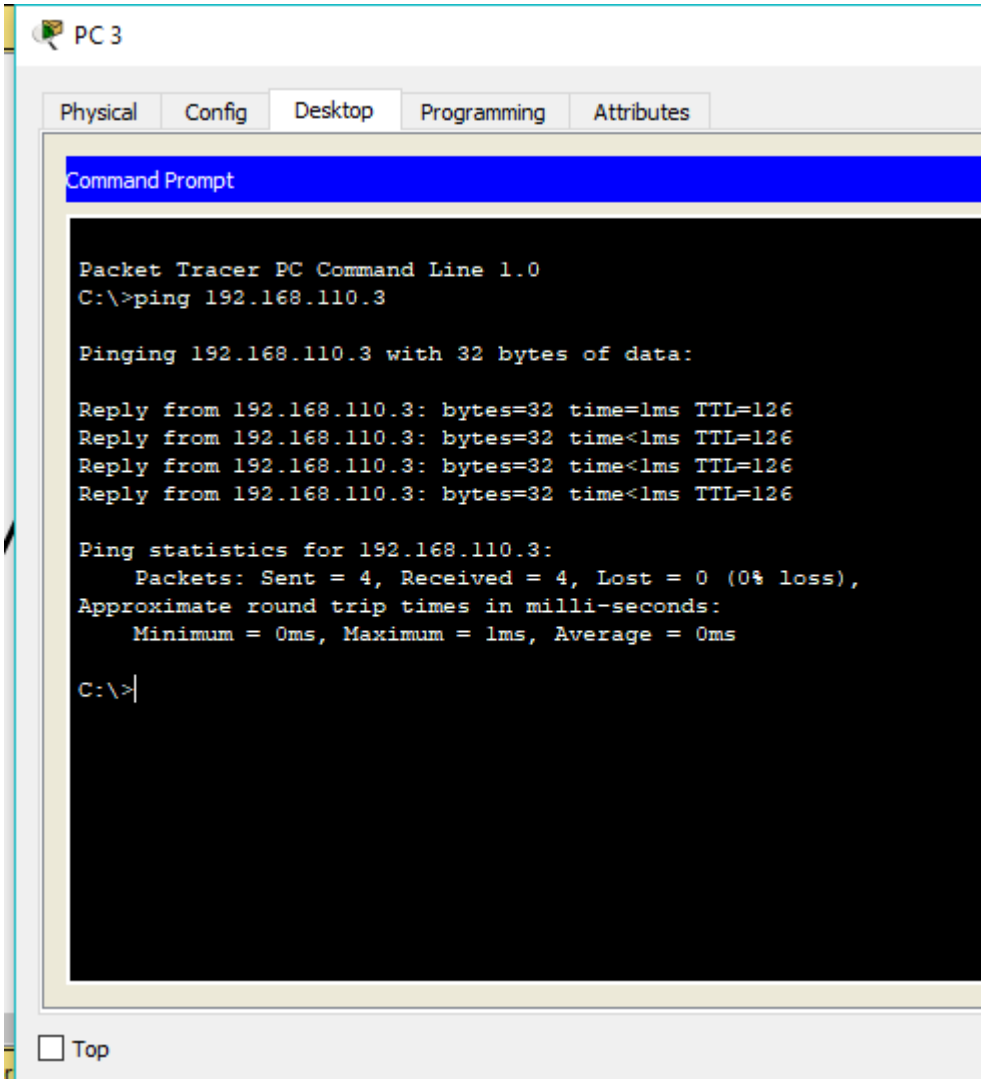
7. MENERAPKAN ACCESS-LIST KE INTERFACE ROUTER 1



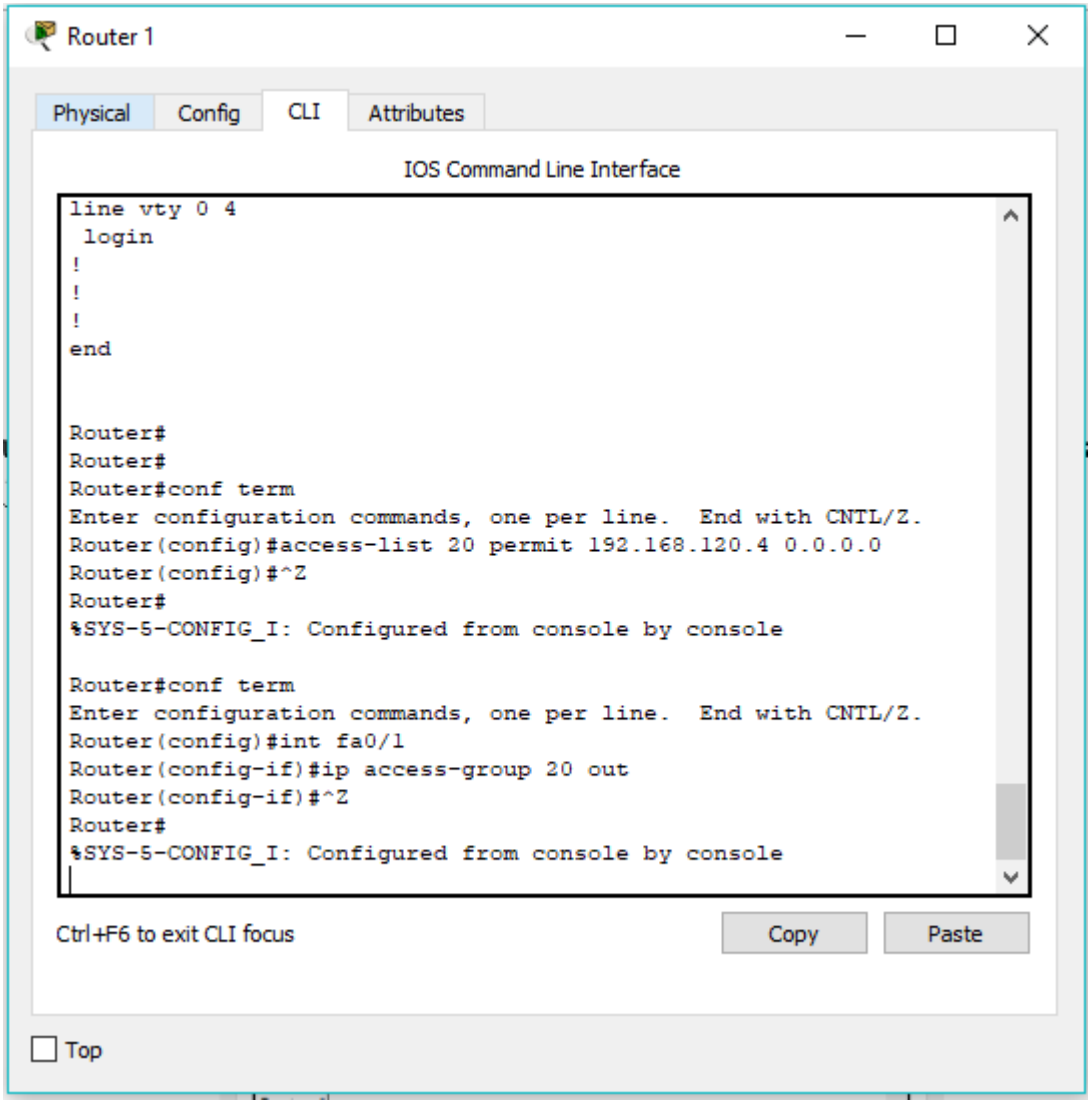

Router 1
Physical
Config
CLI
Attributes
IOS Command Line Interface
Router#show running-config
Building configuration...
Current configuration : 710 bytes
!
version 12.4
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Router
!
!
!
!
!
!
!
!
ip cef
no ipv6 cef
!
!
--More--
Ctrl+F6 to exit CLI focus
Copy
Paste
Top



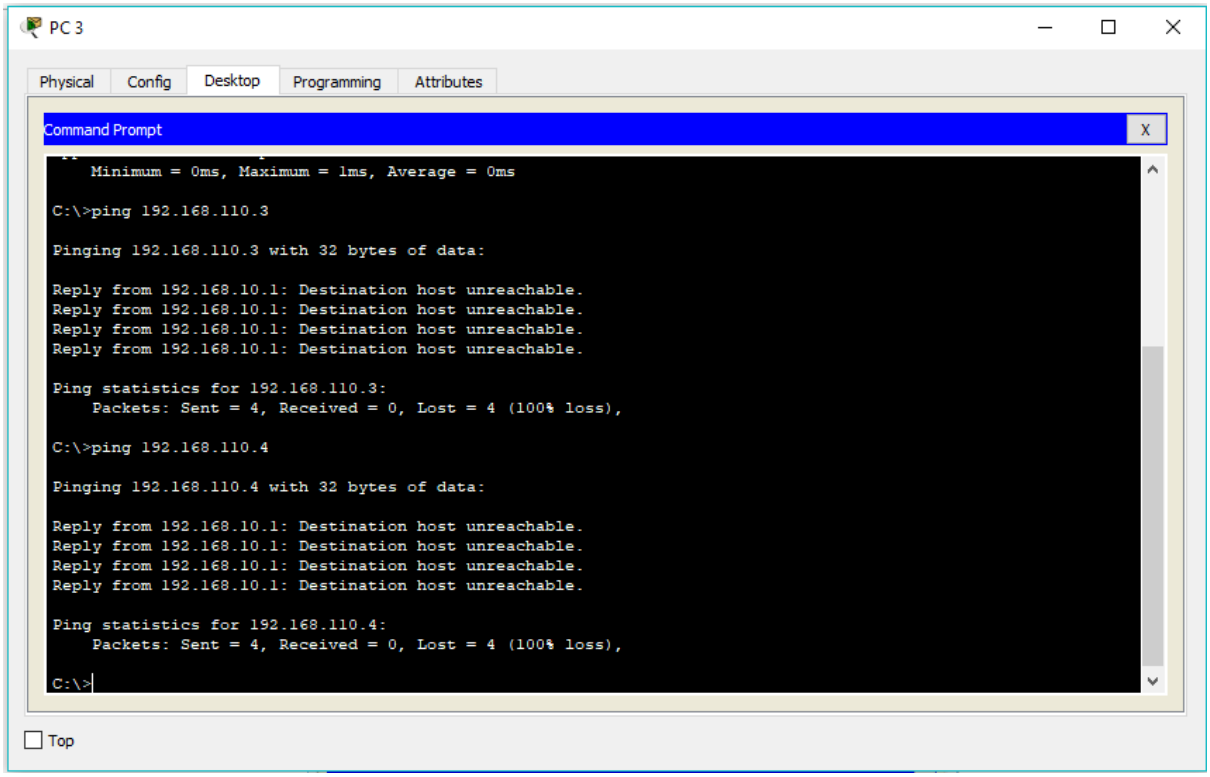
8. PING DARI PC 3 KE PC 1


PC 3
Physical
Config
Desktop
Programming
Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.110.3
Pinging 192.168.110.3 with 32 bytes of data:
Reply from 192.168.110.3: bytes=32 time=1ms TTL=126
Reply from 192.168.110.3: bytes=32 time<1ms TTL=126
Reply from 192.168.110.3: bytes=32 time<1ms TTL=126
Reply from 192.168.110.3: bytes=32 time<1ms TTL=126
Ping statistics for 192.168.110.3:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 1ms, Average = 0ms
C:\>
Top

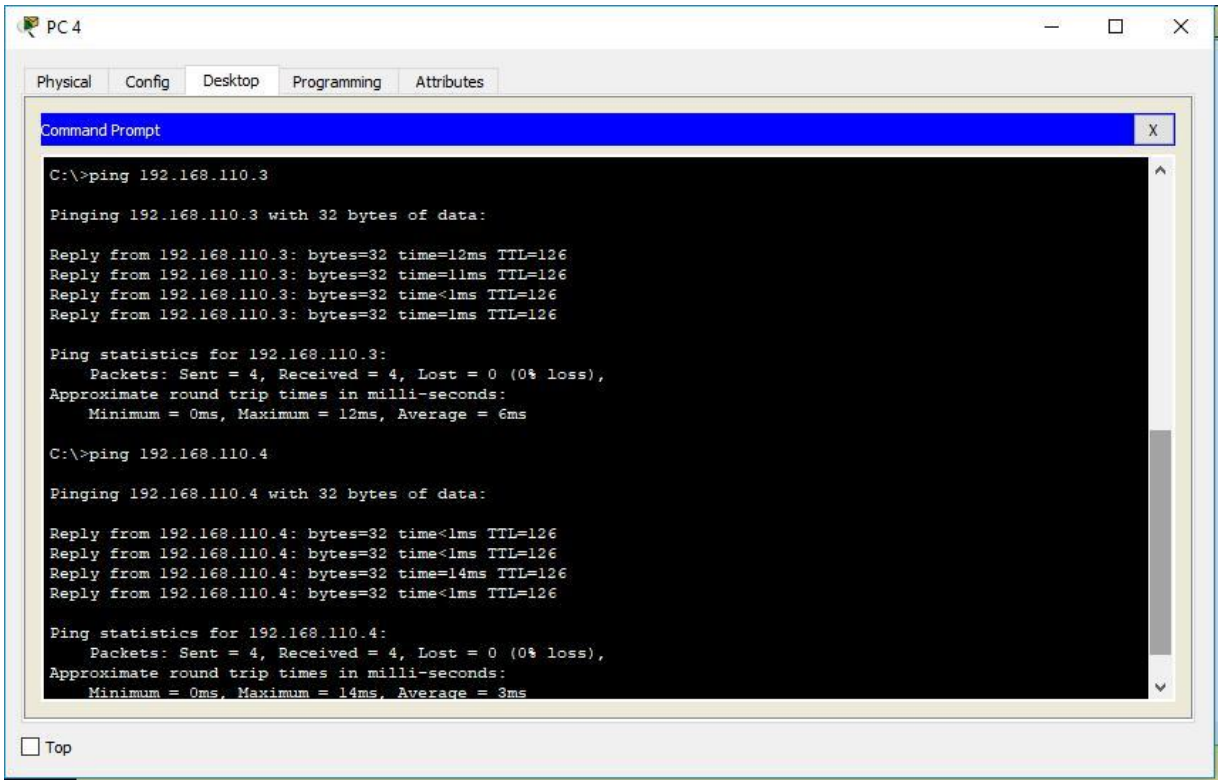
9. **MEMBERIKAN AKSES PADA 1 HOST DENGAN IP 192.168.120.4 AGAR DAPAT MENGAKSES KE JARINGAN 192.168.110.0**



10. **PING DARI PC3 YANG BERADA PADA JARINGAN 192.168.120.0 KE PC1 DAN PC2 YANG ADA PADA JARINGAN 192.168.110.0**



11. **MELAKUKAN TEST KONEKSI DARI PC4 KE PC1 DAN PC2**



KEGIATAN 2. KONFIGURASI EXTENDED ACCESS LIST