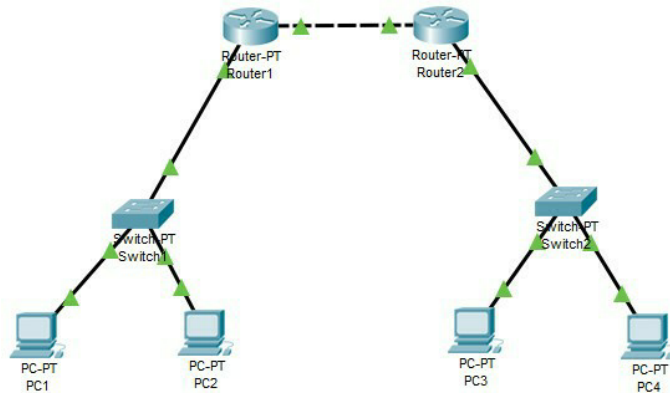


MODUL 8

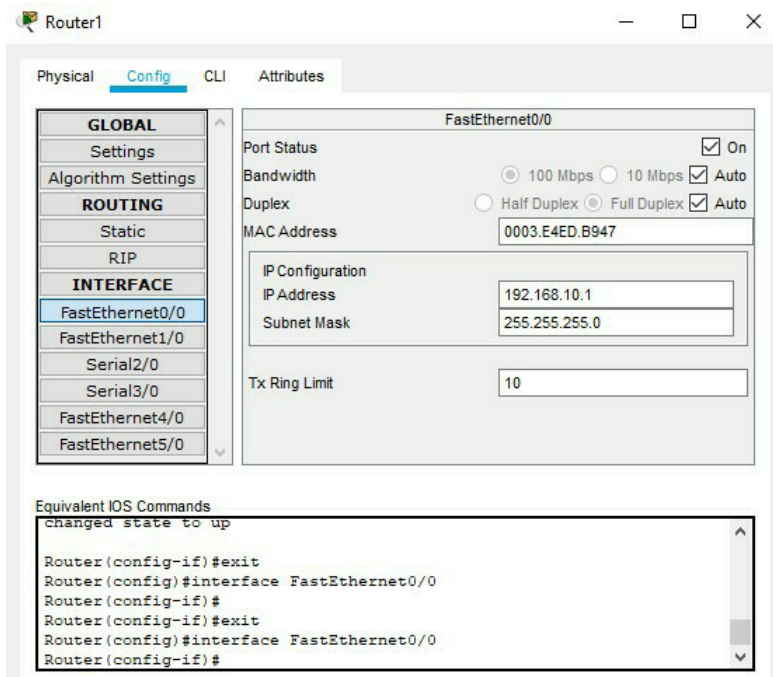
Nama : Avifah Hasna NF
NIM : L200170072
Kelas : B
MODUL 8

Kegiatan 1

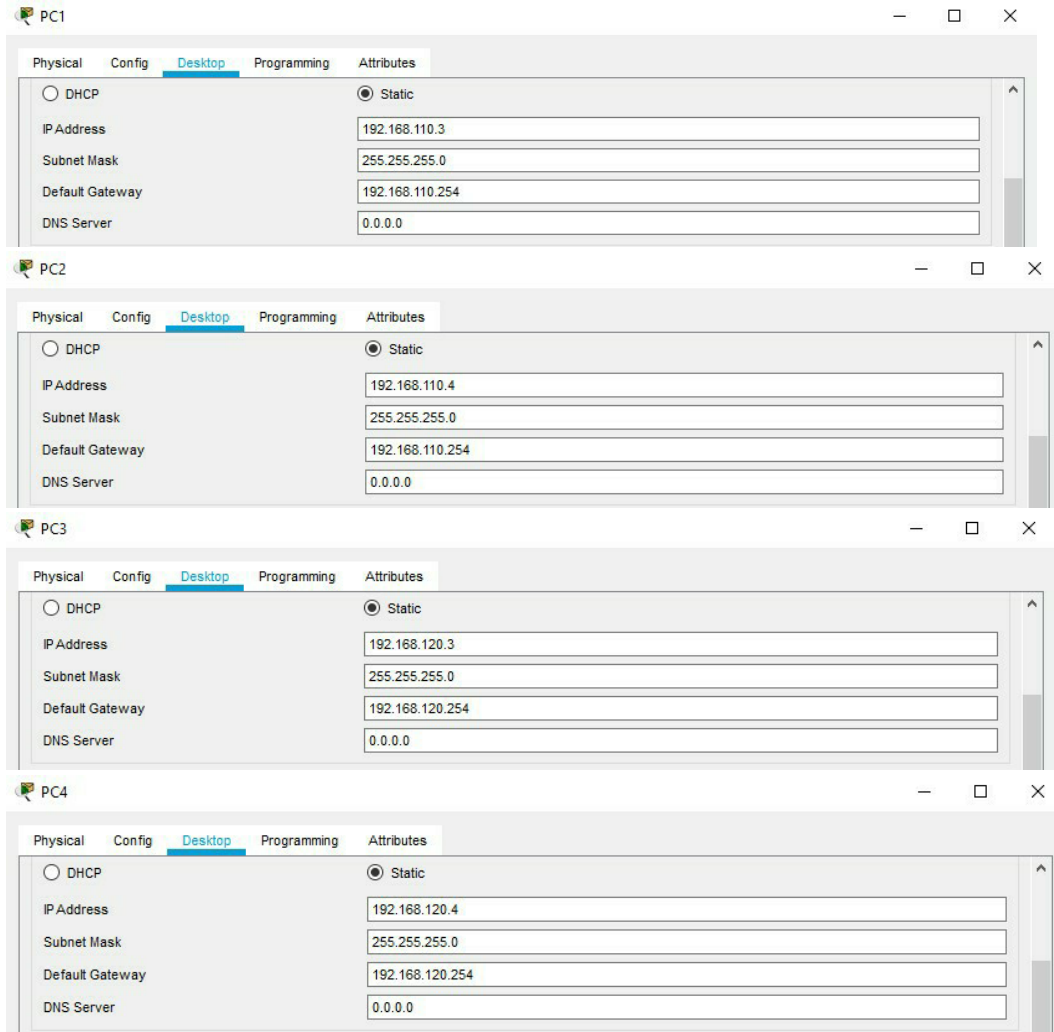
1.



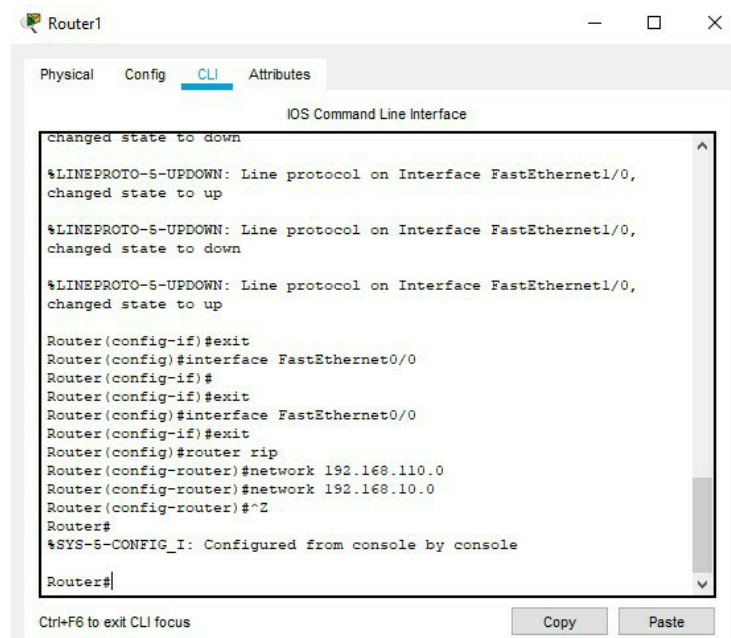
2. Memberikan IP Address untuk setiap router, masing masing di fa 0/0 dan fa 1/0 sesuai dengandimodul.Berikutcontohpadafa0/0diRouter1

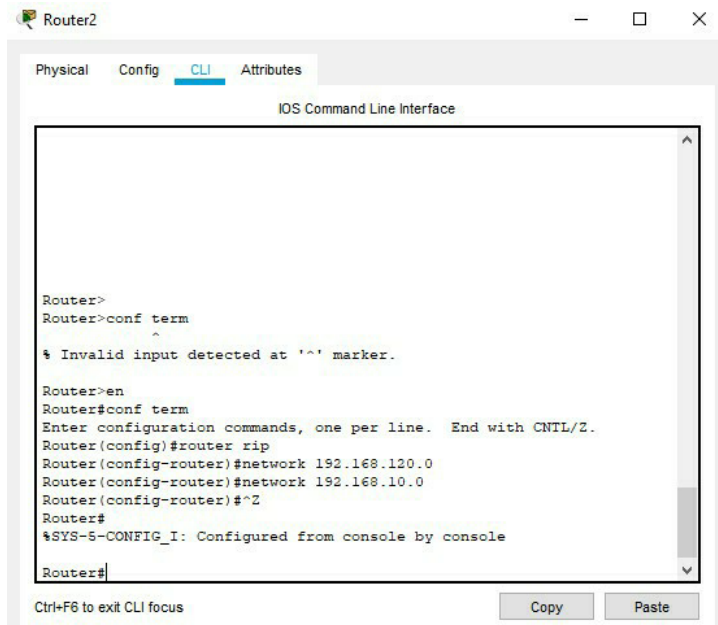


3. Memberikan IP Address untuk setiapPC

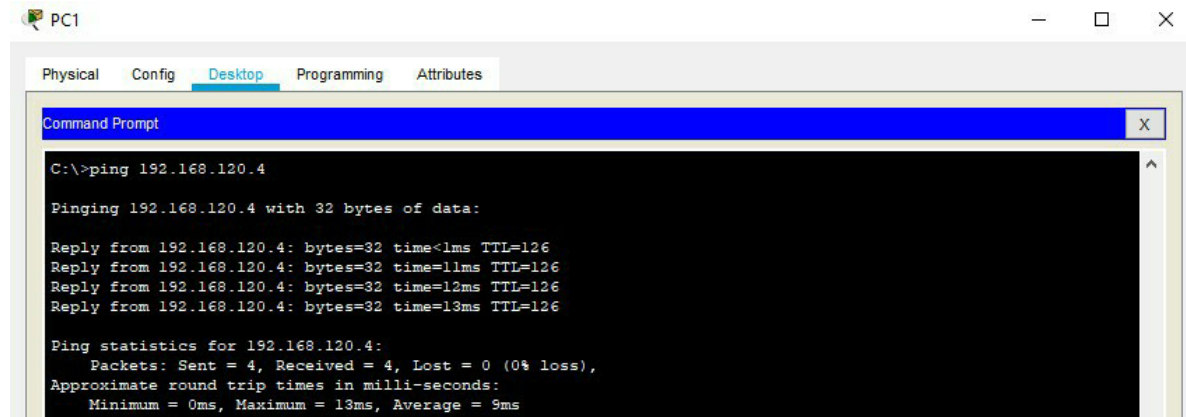


4. Melakukan routing dengan protocol RIP pada kedua aringan

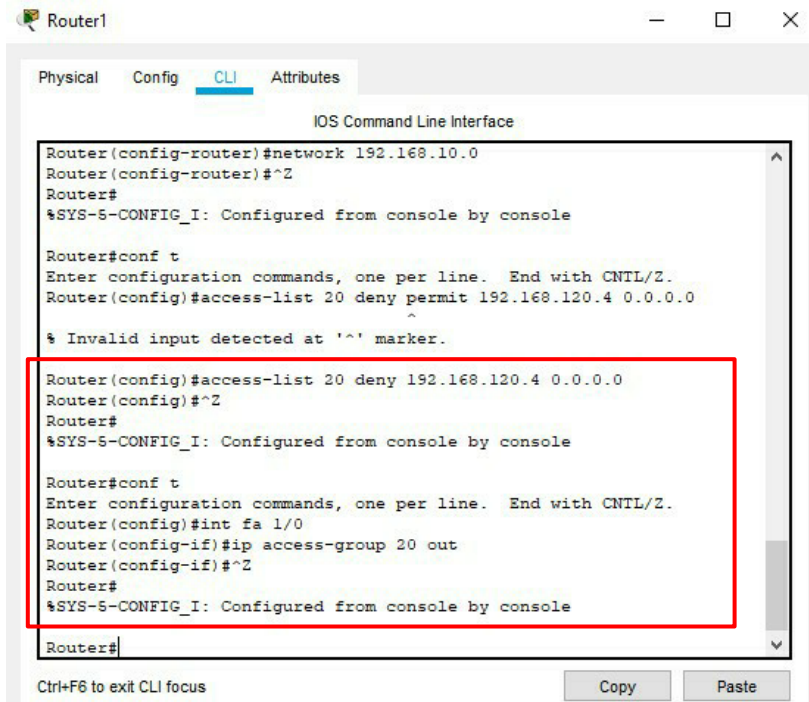




5. Untuk mengetes trouting berhasil,ping PC1 ke PC4



6. Cara memblokir akses



The screenshot shows the CLI of Router1 with the following configuration steps:

```
Router(config-router)#network 192.168.10.0
Router(config-router)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#access-list 20 deny permit 192.168.120.4 0.0.0.0
^
% Invalid input detected at '^' marker.

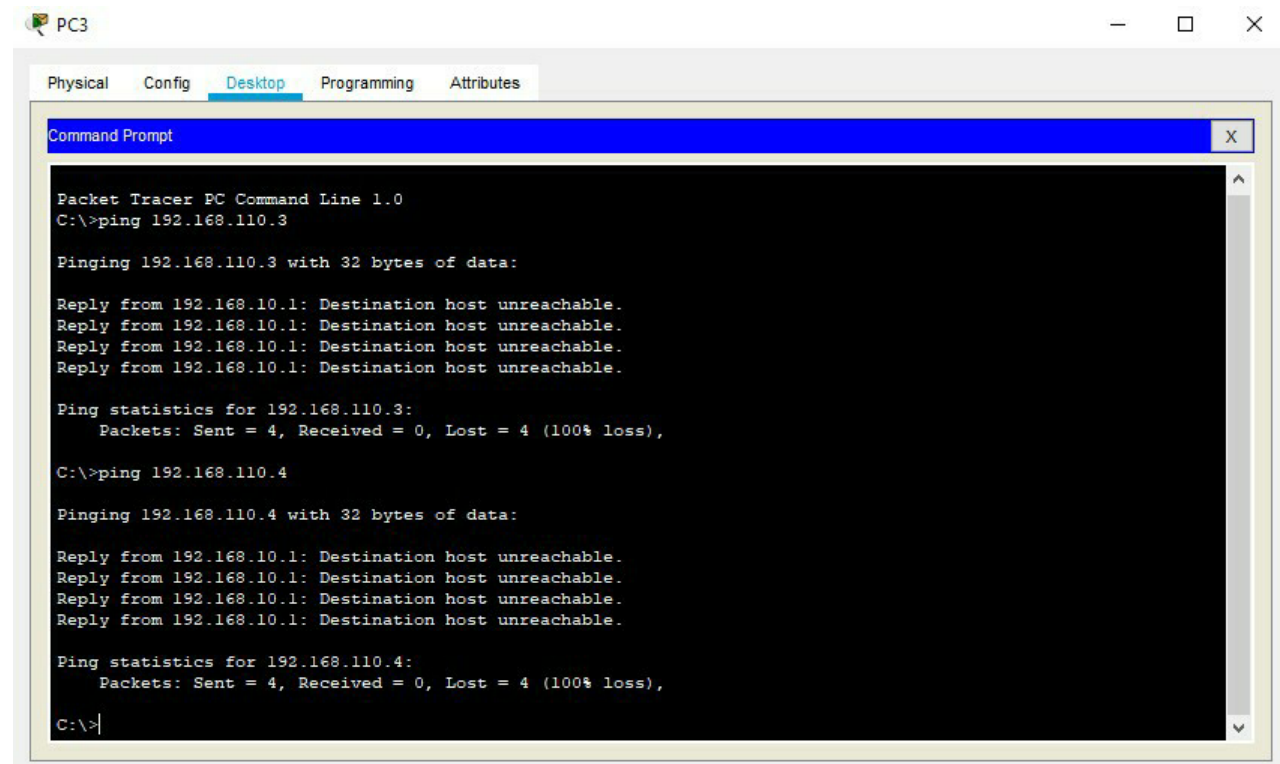
Router(config)#access-list 20 deny 192.168.120.4 0.0.0.0
Router(config)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa 1/0
Router(config-if)#ip access-group 20 out
Router(config-if)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#
```

A red rectangle highlights the successful configuration of the access list and its application to the interface.

7. Tes koneksi dari PC3 ke PC1 dan PC2



The screenshot shows the Command Prompt of PC3 with the following output:

```
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 192.168.10.1: Destination host unreachable.
Reply from 192.168.10.1: Destination host unreachable.
Reply from 192.168.10.1: Destination host unreachable.
Reply from 192.168.10.1: Destination host unreachable.

Ping statistics for 192.168.110.3:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.110.4

Pinging 192.168.110.4 with 32 bytes of data:

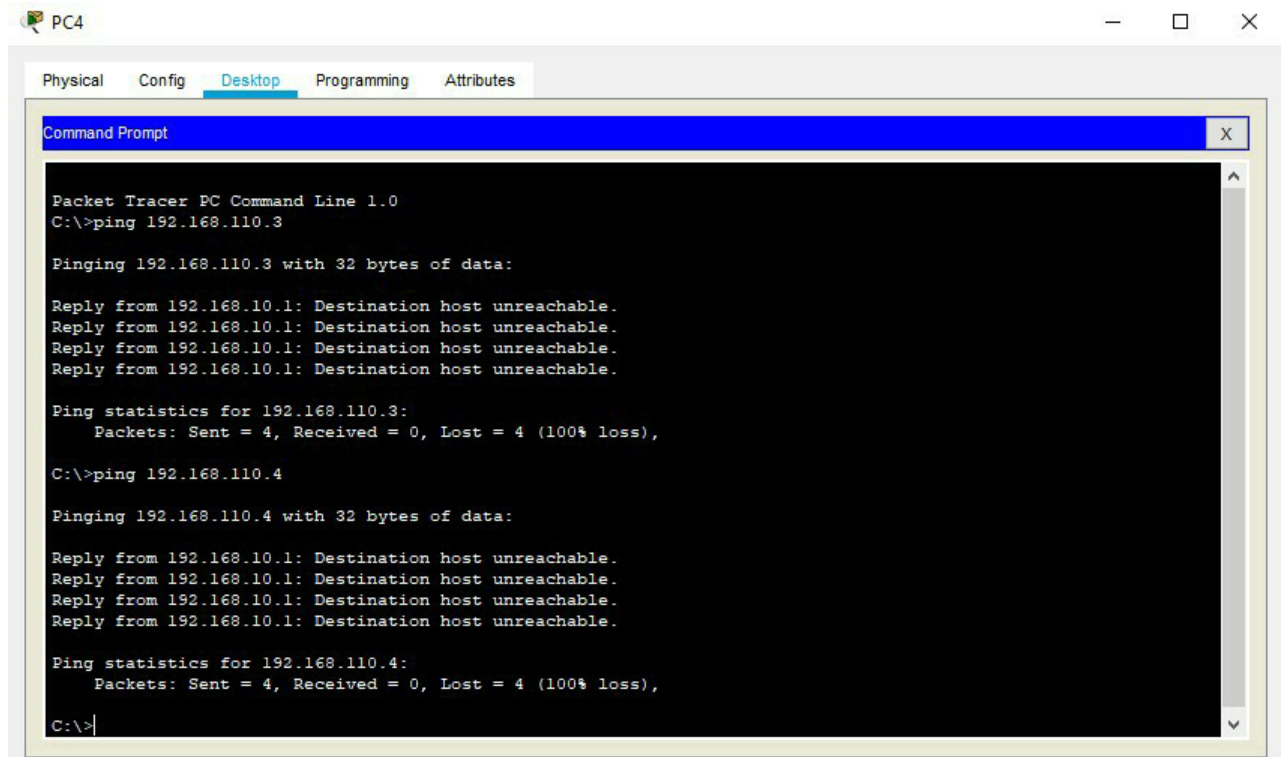
Reply from 192.168.10.1: Destination host unreachable.
Reply from 192.168.10.1: Destination host unreachable.
Reply from 192.168.10.1: Destination host unreachable.
Reply from 192.168.10.1: Destination host unreachable.

Ping statistics for 192.168.110.4:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```

Destination host unreachable menunjukkan bahwa akses dari PC3 ke PC1 maupun PC2 sudah terblokir

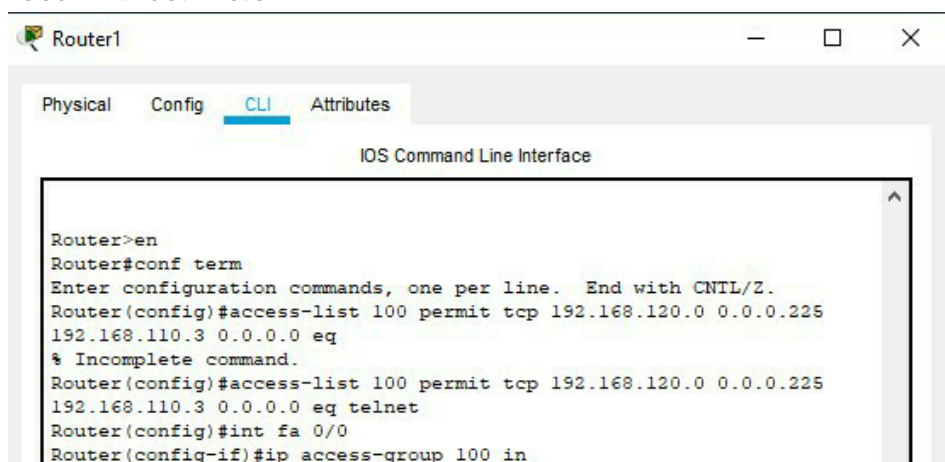
8. Tes koneksi dari PC4 ke PC1 dan PC2



Destination host unreachable menunjukkan bahwa akses dari PC4 ke PC1 maupun PC2 sudah terblokir

Kegiatan 2. Kegiatan Extended Access List

1. *Konfigurasi mengizinkan paket telnet dari semua host yang ada di jaringan 192.168.120 ke host 192.168.110.3*



2. *Melihat hasil konfigurasi*

Physical Config CLI Attributes

IOS Command Line Interface

```
Router#show access-list
Standard IP access list 20
  10 deny host 192.168.120.4 (8 match(es))
Extended IP access list 100
  10 permit tcp 192.168.120.0 0.0.0.225 host 192.168.110.3 eq
telnet
Router#
```