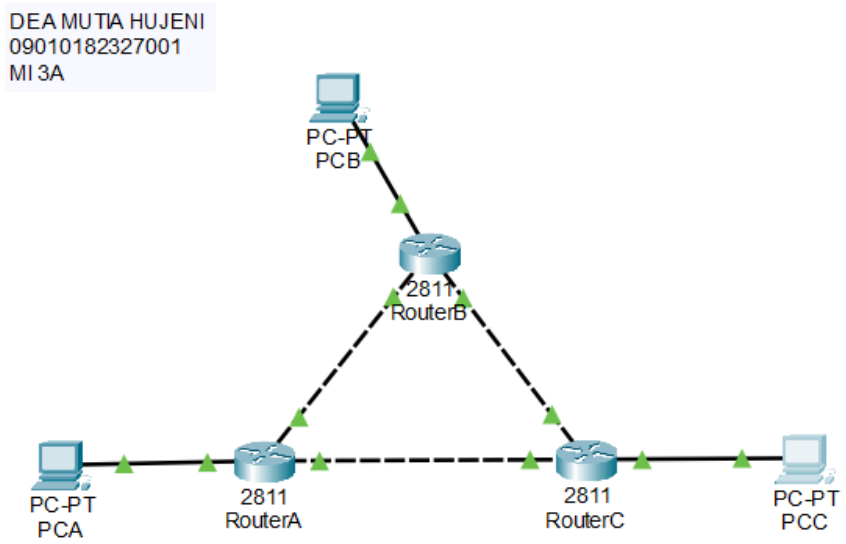
NAMA : DEA MUTIA HUJENI
NIM : 09010182327001
KELAS : MI3A
MATA KULIAH : JARINGAN KOMPUTER

RIP DAN EIGRP DYNAMIC ROUTING



ROUTER A

```
Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#hostname routerA_09010182327001
routerA_09010182327001(config)#int fa0/0
routerA_09010182327001(config-if)#ip address 192.168.1.1 255.255.255.0
routerA_09010182327001(config-if)#no shutdown
routerA_09010182327001(config-if)#exit
routerA_09010182327001(config)#int fa1/0
routerA_09010182327001(config-if)#ip address 100.100.100.1 255.255.255.252
routerA_09010182327001(config-if)#no shutdown
routerA_09010182327001(config-if)#exit
routerA_09010182327001(config)#int fa0/1
routerA_09010182327001(config-if)#ip address 100.100.100.5 255.255.255.252
routerA_09010182327001(config-if)#no shutdown
routerA_09010182327001(config-if)#exit
routerA_09010182327001(config)#router eigrp 1
routerA_09010182327001(config-router)#network 192.168.1.0 0.0.0.255
routerA_09010182327001(config-router)#network 100.100.100.0 0.0.0.3
routerA_09010182327001(config-router)#network 100.100.100.4 0.0.0.3
routerA_09010182327001(config-router)#no auto-summary
routerA_09010182327001(config-router)#exit
routerA_09010182327001(config)#show ip route eigrp
                              ^
% Invalid input detected at '^' marker.

routerA_09010182327001(config)#exit
routerA_09010182327001#
%SYS-5-CONFIG_I: Configured from console by console

routerA_09010182327001#show ip route eigrp
     100.0.0.0/8 is variably subnetted, 5 subnets, 2 masks
D       100.100.100.8/30 [90/30720] via 100.100.100.6, 00:33:50, FastEthernet0/1
                         [90/30720] via 100.100.100.2, 00:33:50, FastEthernet1/0
     192.168.1.0/24 is variably subnetted, 2 subnets, 2 masks
D    192.168.2.0/24 [90/30720] via 100.100.100.6, 00:33:50, FastEthernet0/1
D    192.168.3.0/24 [90/30720] via 100.100.100.2, 00:33:50, FastEthernet1/0
```

ROUTER B

```
Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#hostname routerB_09010182327001
routerB_09010182327001(config)#int fa0/0
routerB_09010182327001(config-if)#ip address 192.168.2.1 255.255.255.0
routerB_09010182327001(config-if)#no shutdown
routerB_09010182327001(config-if)#exit
routerB_09010182327001(config)#int fa1/0
routerB_09010182327001(config-if)#ip address 100.100.100.6 255.255.255.252
routerB_09010182327001(config-if)#no shutdown
routerB_09010182327001(config-if)#exit
routerB_09010182327001(config)#int fa0/1
routerB_09010182327001(config-if)#ip address 100.100.100.9 255.255.255.252
routerB_09010182327001(config-if)#no shutdown
routerB_09010182327001(config-if)#exit
routerB_09010182327001(config)#router eigrp 1
routerB_09010182327001(config-router)#network 192.168.2.0 0.0.0.255
routerB_09010182327001(config-router)#network 100.100.100.4 0.0.0.3
routerB_09010182327001(config-router)#network 100.100.100.8 0.0.0.3
routerB_09010182327001(config-router)#no auto-summary
routerB_09010182327001(config-router)#exit
routerB_09010182327001(config)#exit
routerB_09010182327001#
%SYS-5-CONFIG_I: Configured from console by console
s
% Ambiguous command: "s"
routerB_09010182327001#show ip route eigrp
     100.0.0.0/8 is variably subnetted, 5 subnets, 2 masks
D       100.100.100.0/30 [90/30720] via 100.100.100.10, 00:20:17, FastEthernet0/1
                         [90/30720] via 100.100.100.5, 00:20:17, FastEthernet1/0
D    192.168.1.0/24 [90/30720] via 100.100.100.5, 00:20:17, FastEthernet1/0
     192.168.2.0/24 is variably subnetted, 2 subnets, 2 masks
D    192.168.3.0/24 [90/30720] via 100.100.100.10, 00:20:17, FastEthernet0/1
```

ROUTER C

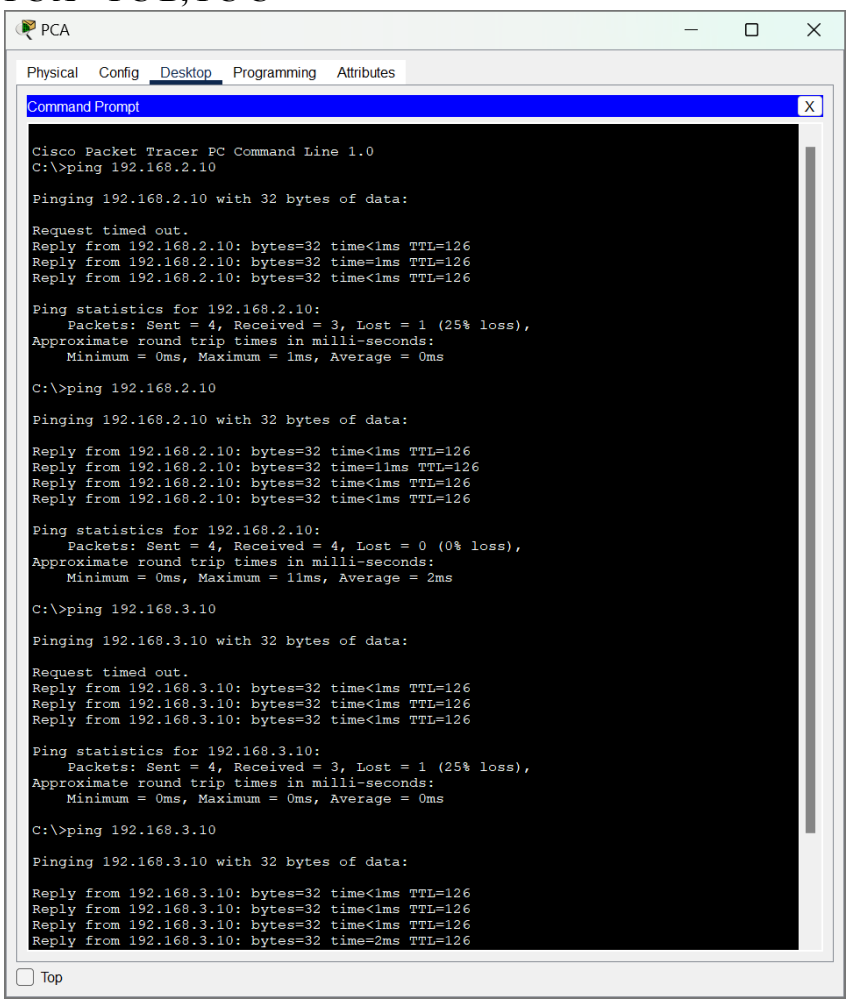
```
Router>
Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#hostname routerC_09010182327001
routerC_09010182327001(config)#int fa0/0
routerC_09010182327001(config-if)#ip address 192.168.3.1 255.255.255.0
routerC_09010182327001(config-if)#no shutdown
routerC_09010182327001(config-if)#exit
routerC_09010182327001(config)#int fa1/0
routerC_09010182327001(config-if)#ip address 100.100.100.10 255.255.255.252
routerC_09010182327001(config-if)#no shutdown
routerC_09010182327001(config-if)#exit
routerC_09010182327001(config)#int fa0/1
routerC_09010182327001(config-if)#ip address 100.100.100.2 255.255.255.252
routerC_09010182327001(config-if)#no shutdown
routerC_09010182327001(config-if)#exit
routerC_09010182327001(config)#router eigrp 1
routerC_09010182327001(config-router)#network 192.168.3.0 0.0.0.255
routerC_09010182327001(config-router)#network 100.100.100.0 0.0.0.3
routerC_09010182327001(config-router)#network 100.100.100.8 0.0.0.3
routerC_09010182327001(config-router)#end
routerC_09010182327001#
%SYS-5-CONFIG_I: Configured from console by console

routerC_09010182327001#show ip router eigrp
                       ^
% Invalid input detected at '^' marker.

routerC_09010182327001#show ip route eigrp
     100.0.0.0/8 is variably subnetted, 5 subnets, 2 masks
D       100.100.100.4/30 [90/30720] via 100.100.100.1, 00:27:21, FastEthernet0/1
                         [90/30720] via 100.100.100.9, 00:27:21, FastEthernet1/0
D    192.168.1.0/24 [90/30720] via 100.100.100.1, 00:27:21, FastEthernet0/1
D    192.168.2.0/24 [90/30720] via 100.100.100.9, 00:27:21, FastEthernet1/0
```

Melakukan PING dan Traceroute dari PC A ke PC B dan PC C, PC B ke PC A dan PC C, serta PC C ke PC A dan PC B.

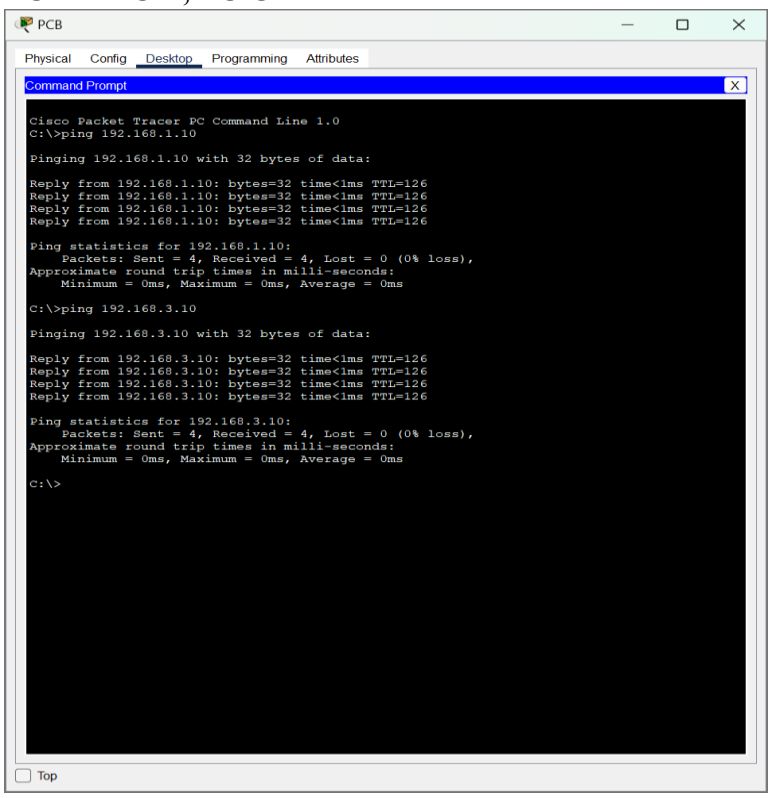
NO	NAMA DEVICE	ALAMAT	NETMASK	GATEWAY
1	PCA	192.168.1.10	255.255.255.0	192.168.1.1
2	PCB	192.168.2.10	255.255.255.0	192.168.2.1
3	PCC	192.168.3.10	255.255.255.0	192.168.3.1

NO	SUMBER	TUJUAN	HASIL	
			YA	TIDAK
1	PC1	PC2	YA	-
		PC3	YA	-
2	PC2	PC1	YA	-
		PC3	YA	-
3	PC3	PC1	YA	-
		PC2	YA	-

PC A > PC B, PC C



PC B > PC A, PC C



PC C > PC A, PC B