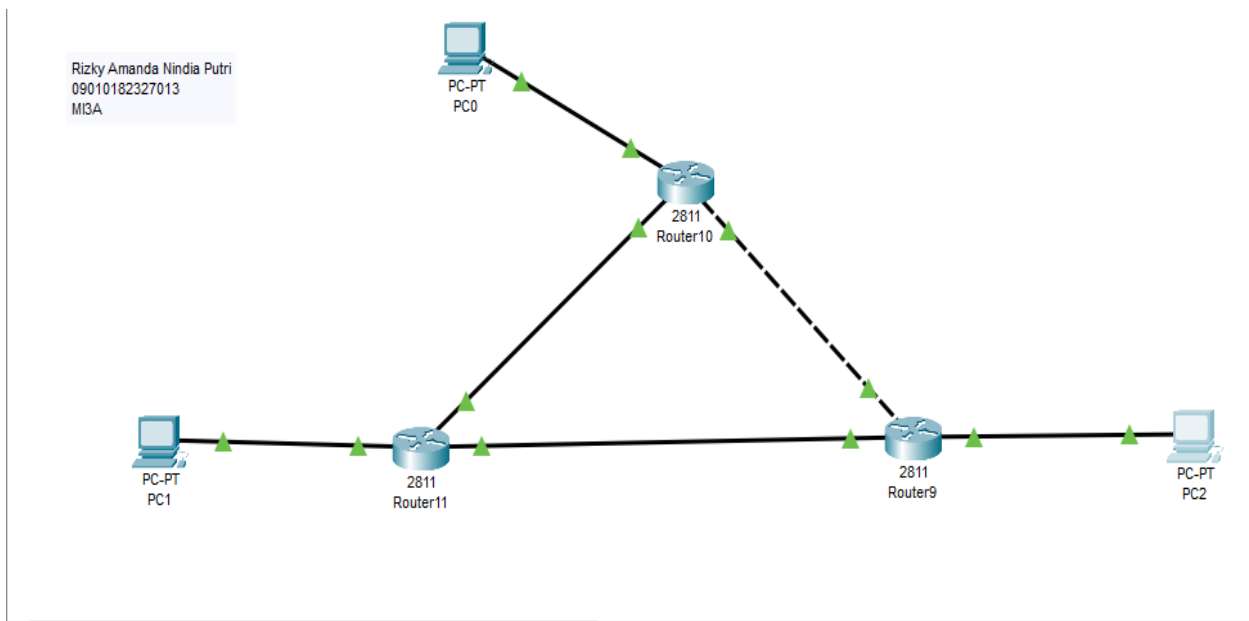Nama : Rizky Amanda Nindia Putri

NIM   : 09010182327013

Kelas : MI3A

MK   : Prak. Jarkom

TOPOLOGI ROUTING EIGRP

SCREENSHOOT #show ip route eigrp

ROUTER 1

```
Router>enable
Router#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, 00:04:28, FastEthernet0/1
                         [90/30720] via 100.100.100.2, 00:01:11, 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, 00:09:04, FastEthernet0/1
D    192.168.3.0/24 [90/30720] via 100.100.100.2, 00:01:11, FastEthernet1/0

Router#
```
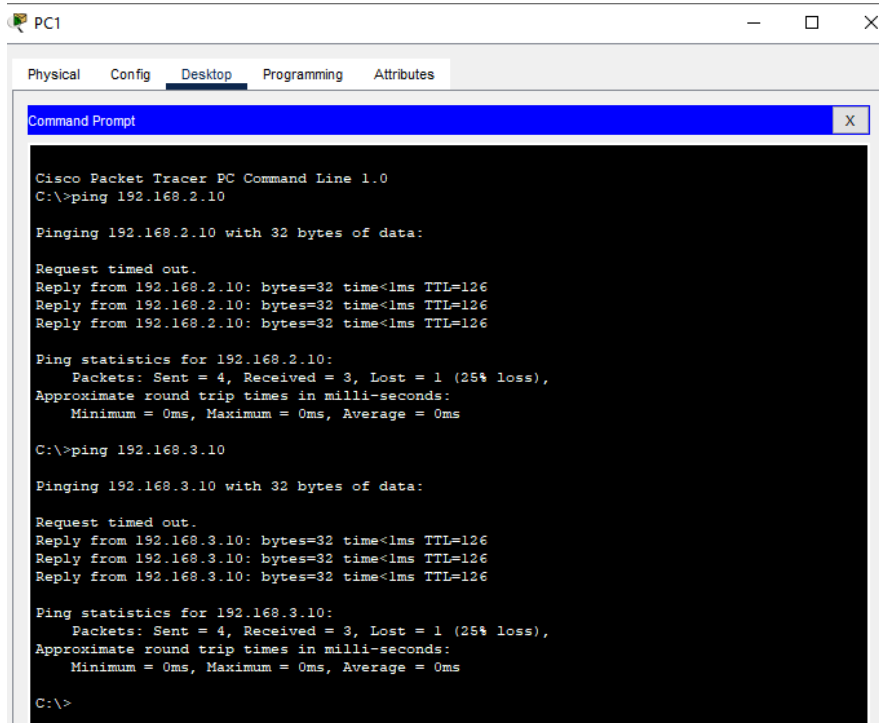
ROUTER 2

```
RouterB_09010182327013#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 100.100.100.5, 00:04:31, FastEthernet1/0
                          [90/30720] via 100.100.100.10, 00:01:48, FastEthernet0/1
D     192.168.1.0/24 [90/30720] via 100.100.100.5, 00:09:40, 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, 00:02:39, FastEthernet0/1

RouterB_09010182327013#
```

ROUTER 3

```
RouterC_09010182327013#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 100.100.100.9, 00:02:57, FastEthernet1/0
                          [90/30720] via 100.100.100.1, 00:02:04, FastEthernet0/1
D     192.168.1.0/24 [90/30720] via 100.100.100.1, 00:02:04, FastEthernet0/1
D     192.168.2.0/24 [90/30720] via 100.100.100.9, 00:02:57, FastEthernet1/0

RouterC_09010182327013#
```

TES PING

NO	SUMBER	TUJUAN	HASIL	
			YA	TIDAK
1	PCA	PCB	YA	
		PCC	YA	

2	PCB	PCA	YA	
		PCC	YA	

3	PCC	PCA	YA	
		PCB	YA	

SCREENSHOOT PING

PC A

PC B

PC C


```
PC2                                                    —  □  ✕

Physical   Config   Desktop   Programming   Attributes

Command Prompt                                              X

Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.10

Pinging 192.168.1.10 with 32 bytes of data:

Reply from 192.168.1.10: bytes=32 time<1ms TTL=126
Reply from 192.168.1.10: bytes=32 time<1ms TTL=126
Reply from 192.168.1.10: bytes=32 time<1ms TTL=126
Reply from 192.168.1.10: bytes=32 time<1ms TTL=126

Ping statistics for 192.168.1.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 192.168.2.10

Pinging 192.168.2.10 with 32 bytes of data:

Reply from 192.168.2.10: bytes=32 time<1ms TTL=126
Reply from 192.168.2.10: bytes=32 time=1ms TTL=126
Reply from 192.168.2.10: bytes=32 time<1ms TTL=126
Reply from 192.168.2.10: bytes=32 time<1ms TTL=126

Ping statistics for 192.168.2.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```
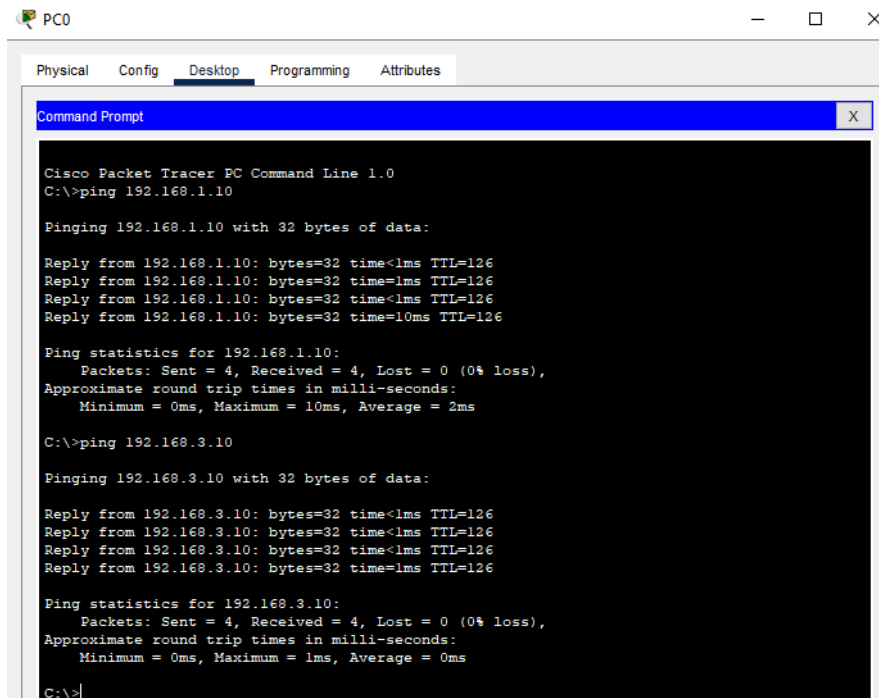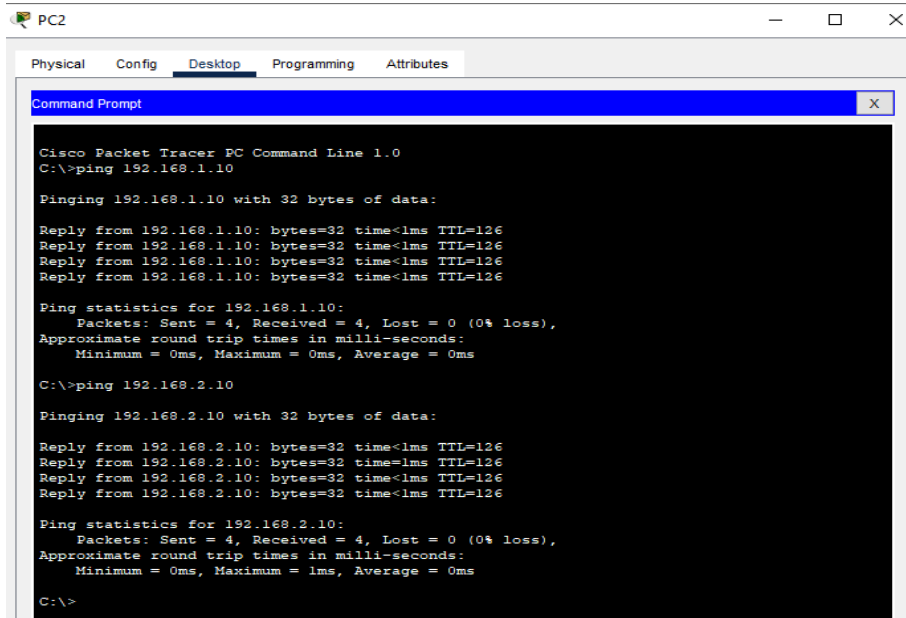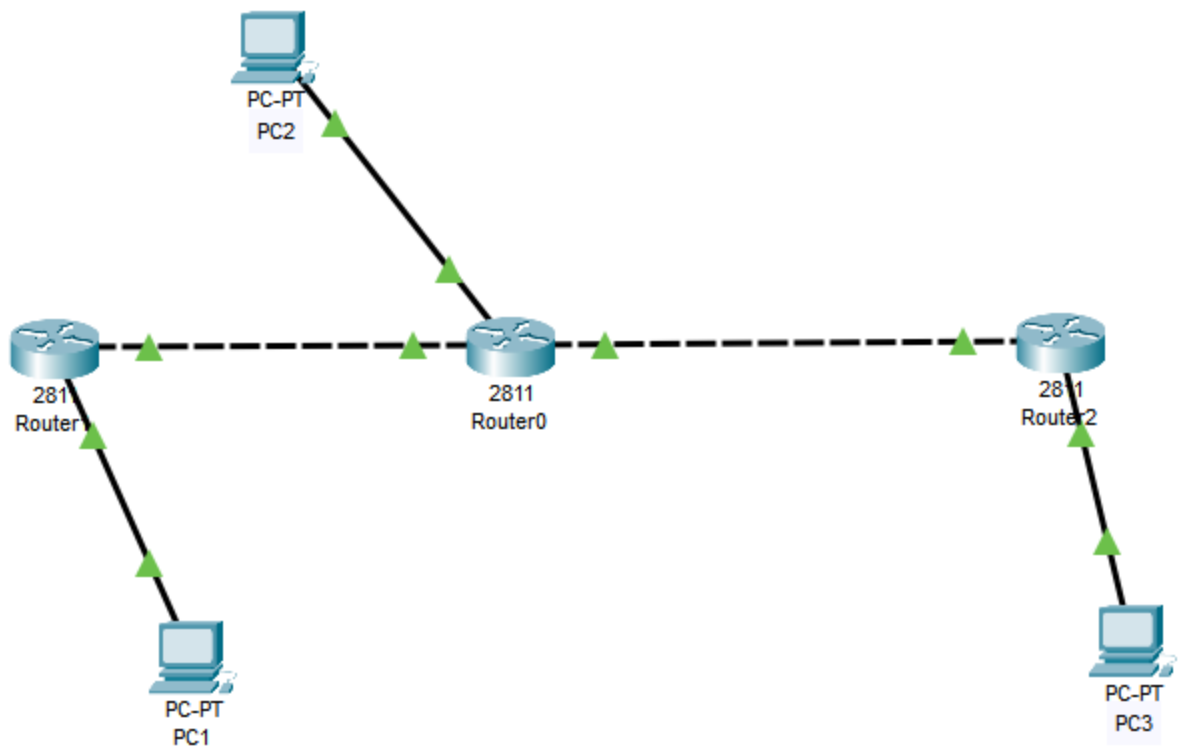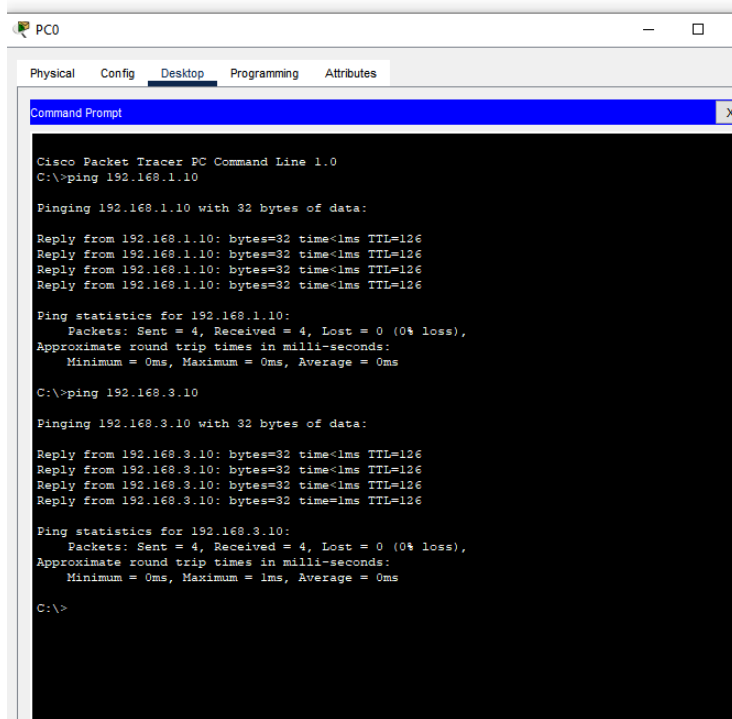
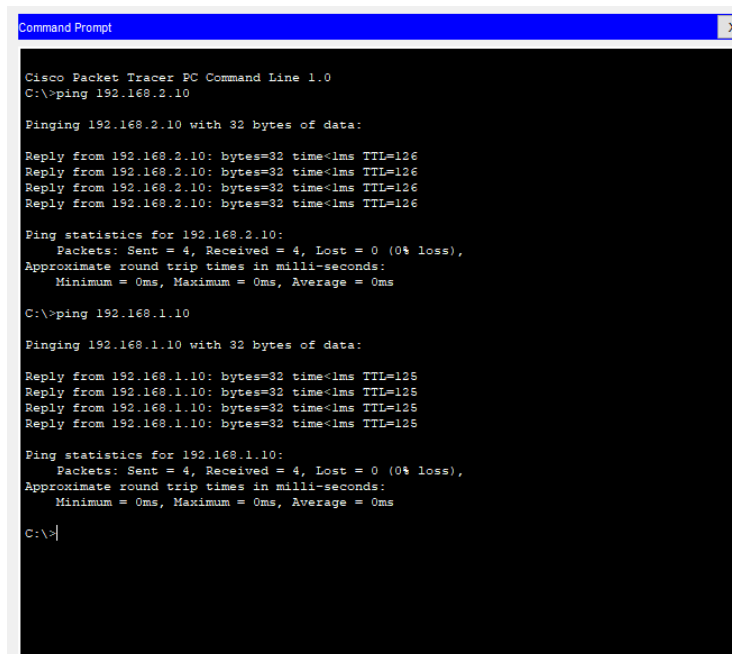TOPOLOGI ROUTING RIP

CREENSHOOT #show ip route rip

R1

```
R1_09010182327013#show ip route rip
     192.168.1.0/24 is variably subnetted, 2 subnets, 2 masks
R    192.168.2.0/24 [120/1] via 192.168.100.2, 00:00:14, FastEthernet0/1
R    192.168.3.0/24 [120/2] via 192.168.100.2, 00:00:14, FastEthernet0/1
     192.168.200.0/30 is subnetted, 1 subnets
R       192.168.200.0 [120/1] via 192.168.100.2, 00:00:14, FastEthernet0/1

R1 09010182327013#
```

R2

```
Router#show ip route rip
R    192.168.1.0/24 [120/1] via 192.168.100.1, 00:00:06, FastEthernet0/1
     192.168.2.0/24 is variably subnetted, 2 subnets, 2 masks
R    192.168.3.0/24 [120/1] via 192.168.200.2, 00:00:16, FastEthernet1/0

Router#
```

R3

```
R3_09010182327013#show ip route rip
R    192.168.1.0/24 [120/2] via 192.168.200.1, 00:00:24, FastEthernet0/1
R    192.168.2.0/24 [120/1] via 192.168.200.1, 00:00:24, FastEthernet0/1
     192.168.100.0/30 is subnetted, 1 subnets
R       192.168.100.0 [120/1] via 192.168.200.1, 00:00:24, FastEthernet0/1

R3_09010182327013#
```

TES PING

NO	SUMBER	TUJUAN	HASIL	
			YA	TIDAK
1	PC1	PC2	YA	
		PC3	YA	

2	PC2	PC1	YA	
		PC3	YA	

3	PC3	PC1	YA	
		PC2	YA	

SCREENSHOOT PING

PC1

PC2

PC3