

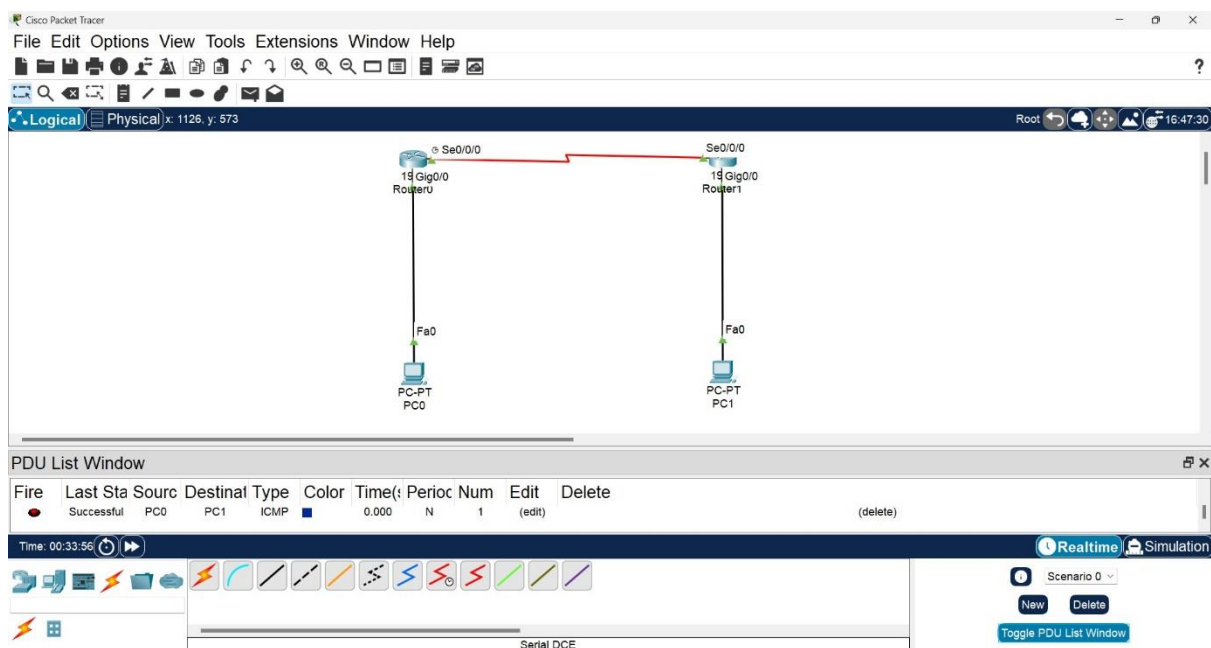
# ASSIGNMENT – 2

DATE – 09/02/2023

## QUESTION:

rip2 routing protocol

## OUTPUT:



## CODE:

### router1(DTE)

```
> en
```

```
# config
```

```
(config)# interface gi 0/0
```

```
(config-if)# ip address 192.168.10.1 255.255.255.0
```

```
(config-if)# no shutdown
```

```
(config-if)# exit
```

```
(config)# interface se 0/0/0
```

```
(config-if)# ip address 10.0.0.1 255.0.0.0
```

```
(config-if)# no shutdown
```

```
(config-if)# exit
```

```
(config)# router rip
```

```
(config-router)# network 192.168.10.0
```

```
(config-router)# network 10.0.0.0
```

```
(config-router)# version 2
```

### **router2(DCE)**

```
> en
```

```
# config
```

```
(config)# interface gi 0/0
```

```
(config-if)# ip address 192.168.11.1 255.255.255.0
```

```
(config-if)# no shutdown
```

```
(config-if)# exit
```

```
(config)# interface se 0/0/0
```

```
(config-if)# ip address 10.0.0.2 255.0.0.0
```

```
(config-if)# clock rate 64000
```

```
(config-if)# no shutdown
```

```
(config-if)# exit
```

```
(config)# router rip
```

```
(config-router)# network 192.168.11.0
```

```
(config-router)# network 10.0.0.0
```

```
(config-router)# version 2
```

**pc1**

IPv4 Address: 192.168.10.2

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.10.1

**pc2**

IPv4 Address: 192.168.11.2

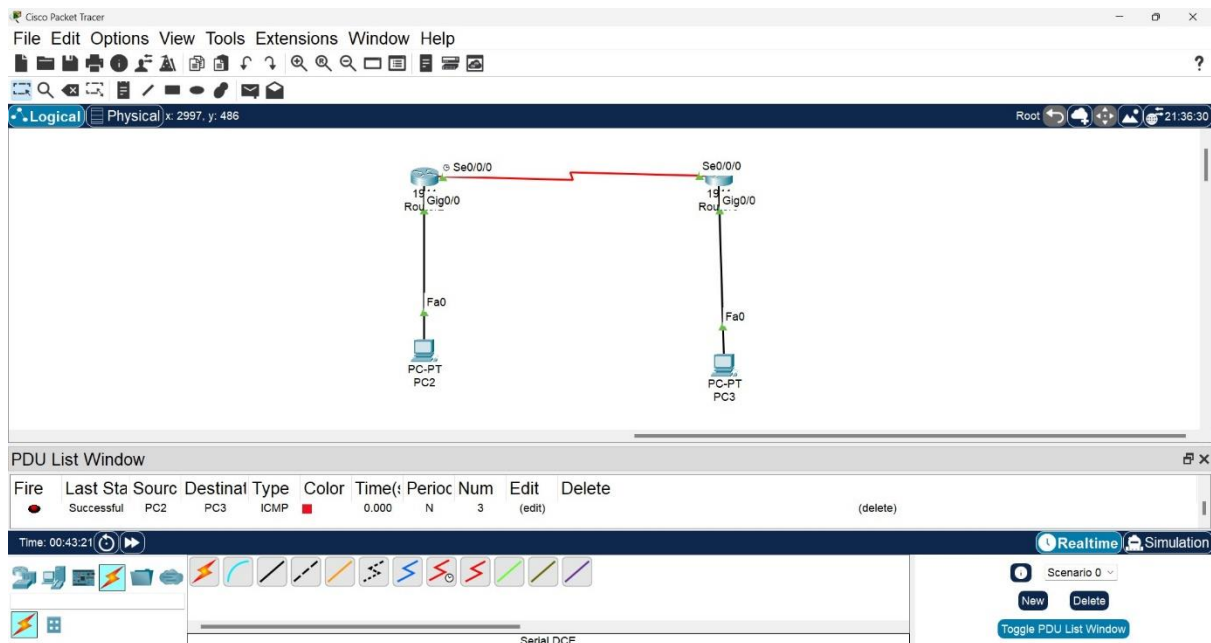
Subnet Mask: 255.255.255.0

Default Gateway: 192.168.11.1

## QUESTION:

eigrp routing protocol

## OUTPUT:



## CODE:

### router1(DTE)

```
> en
```

```
# config
```

```
(config)# interface gi 0/0
```

```
(config-if)# ip address 192.168.10.1 255.255.255.0
```

```
(config-if)# no shutdown
```

```
(config-if)# exit
```

```
(config)# interface se 0/0/0
```

```
(config-if)# ip address 10.0.0.1 255.0.0.0
```

```
(config-if)# no shutdown
```

```
(config-if)# exit
```

```
(config)# router eigrp 2
(config-router)# network 192.168.10.0
(config-router)# network 10.0.0.0
```

### **router2(DCE)**

```
> en
# config
(config)# interface gi 0/0
(config-if)# ip address 192.168.11.1 255.255.255.0
(config-if)# no shutdown
(config-if)# exit
(config)# interface se 0/0/0
(config-if)# ip address 10.0.0.2 255.0.0.0
(config-if)# clock rate 64000
(config-if)# no shutdown
(config-if)# exit
(config)# router eigrp 2
(config-router)# network 192.168.11.0
(config-router)# network 10.0.0.0
```

**pc1**

IPv4 Address: 192.168.10.2

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.10.1

**pc2**

IPv4 Address: 192.168.11.2

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.11.1