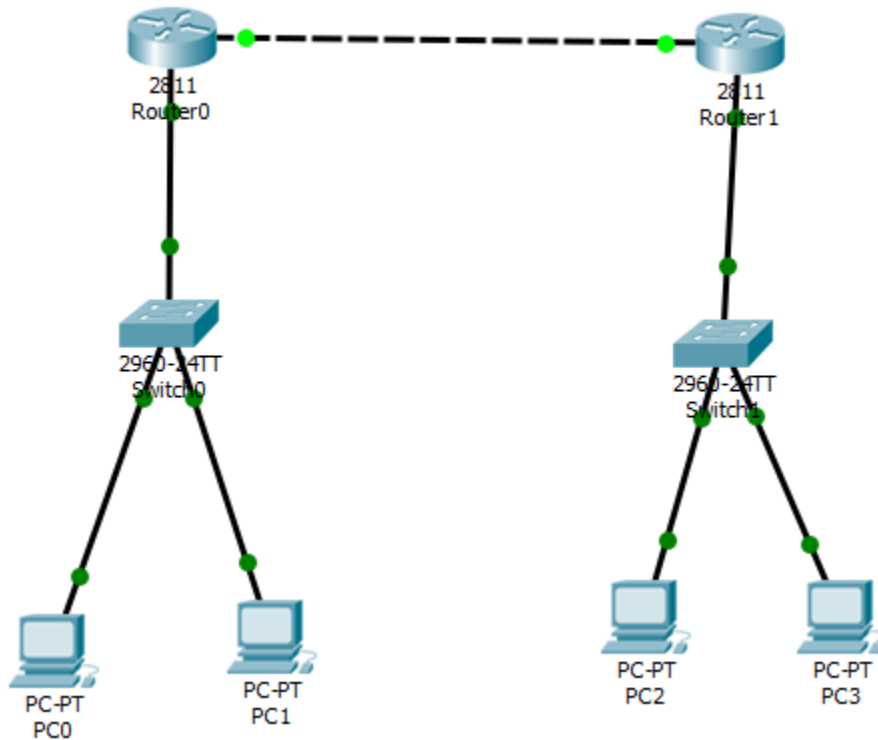


Practical 1:

1)Static Routing



Router 1:

```
Router#en
```

```
Router#config t
```

```
Router(config)#ip route 10.0.0.1 255.0.0.0 192.168.1.1
```

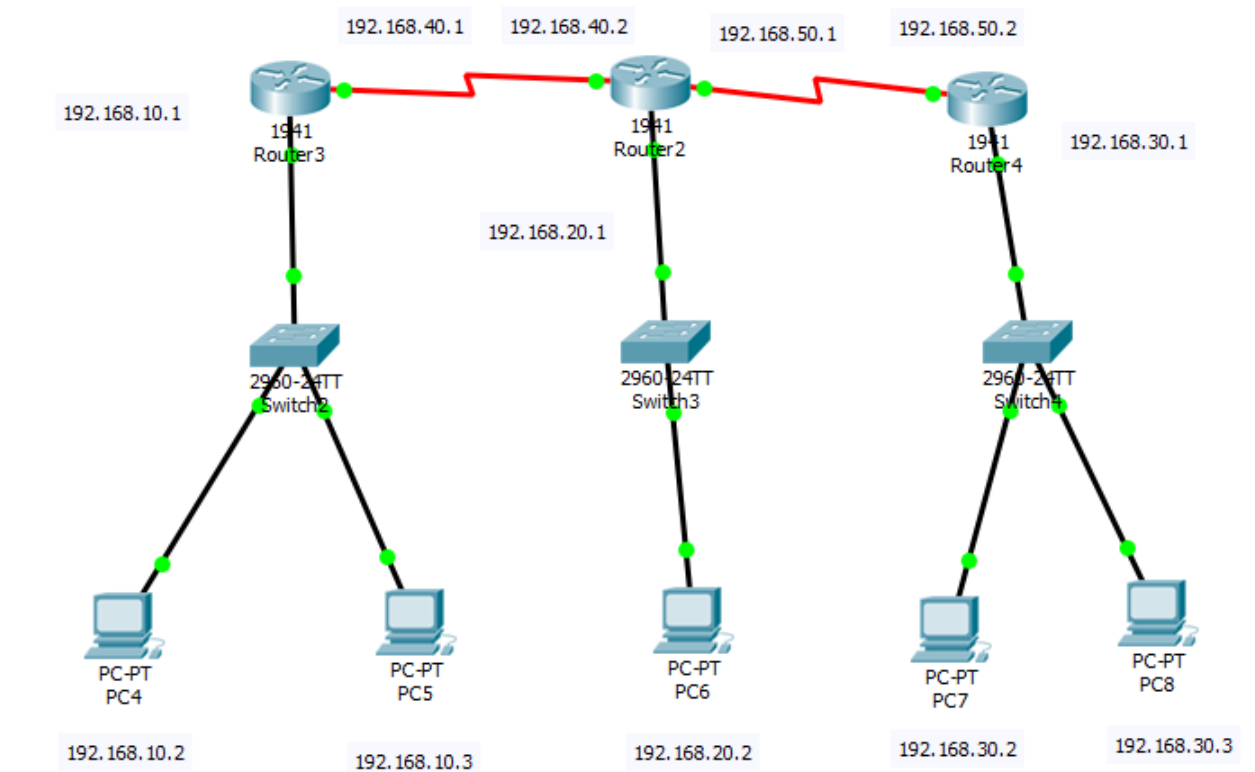
Router 0:

```
Router#en
```

```
Router#config t
```

```
Router(config)#ip route 20.0.0.0 255.0.0.0 192.168.1.2
```

2)Dynamic Routing:



Router 3:

```
Router(config)#int serial0/1/0
Router(config-if)#ip address 192.168.40.1 255.255.255.0
Router(config-if)#ip address 192.168.40.1 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#exit
Router(config)#router rip
Router(config-router)#network 192.168.10.0
Router(config-router)#network 192.168.40.0
```

Router 2:

```
Router(config)#int Serial0/1/1
Router(config-if)#ip address 192.168.50.1 255.255.255.0
```

```
Router(config-if)#no shutdown
Router(config-if)#exit
Router(config)#router rip
Router(config-router)#network 192.168.40.0
Router(config-router)#network 192.168.50.0
Router(config-router)#network 192.168.20.0
```

DHCPv4:

