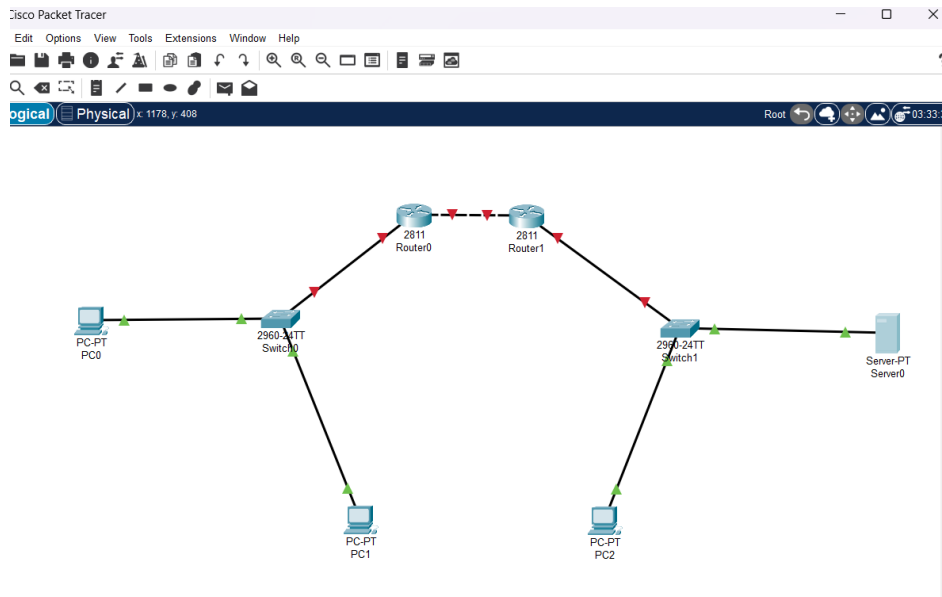# Практическая №13

Строим сеть.

Переходим в консоль маршрутизатора 0:

```
Router(config)#int fa 0/0
Router(config-if)#ip address 192.168.0.3 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit
Router(config)#int fa 0/1
Router(config-if)#ip address 192.168.3.1 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

Router(config-if)#exit
```

Переходим в консоль маршрутизатора 1:

```
Router(config-if)#int fa 0/1
Router(config-if)#ip address 192.168.1.3 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

Router(config-if)#exit
Router(config)#int fa0/0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#ip address 192.168.3.2 255.255.255.0
```
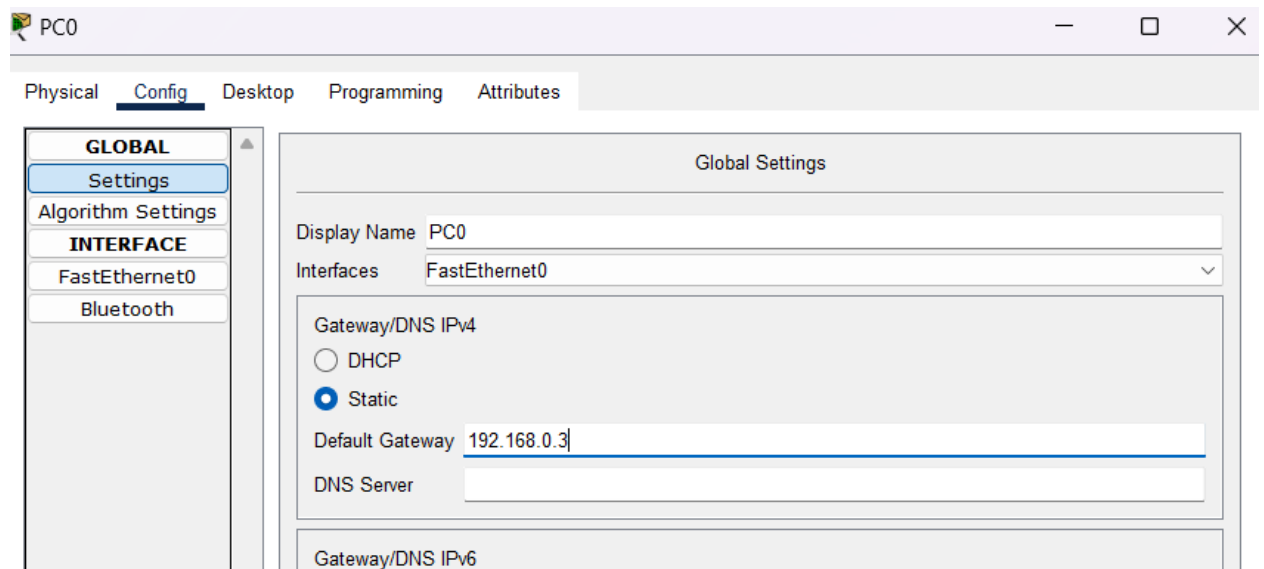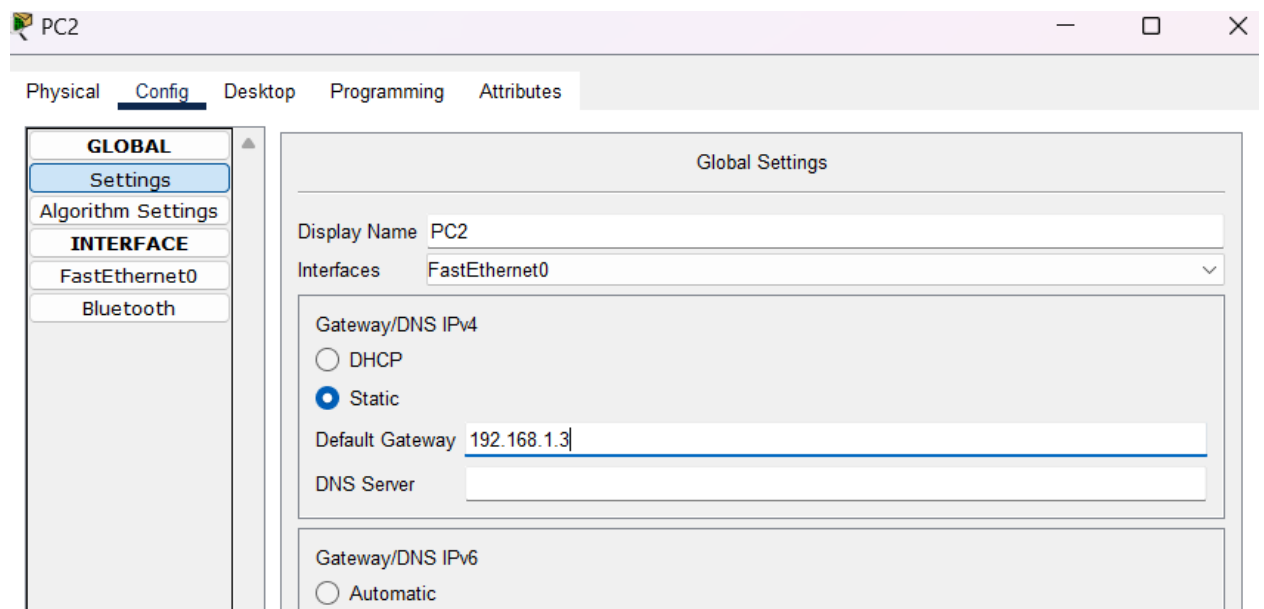
Переходим в PC0 и устанавливаем GateAway:

Переходим в PC2 и устанавливаем GateAway:

Пингуем с нашего PC0, к адресу PC2.

Переходим в режим конфигурации у роутера0:

```
Router(config)#ip route 0.0.0.0.0.0.0.0 192.168.3.2
                      ^
```

Тестируем.

```
C:\>ping 192.168.1.3

Pinging 192.168.1.3 with 32 bytes of data:

Reply from 192.168.1.3: bytes=32 time<1ms TTL=254
Reply from 192.168.1.3: bytes=32 time<1ms TTL=254
Reply from 192.168.1.3: bytes=32 time<1ms TTL=254
Reply from 192.168.1.3: bytes=32 time<1ms TTL=254

Ping statistics for 192.168.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```