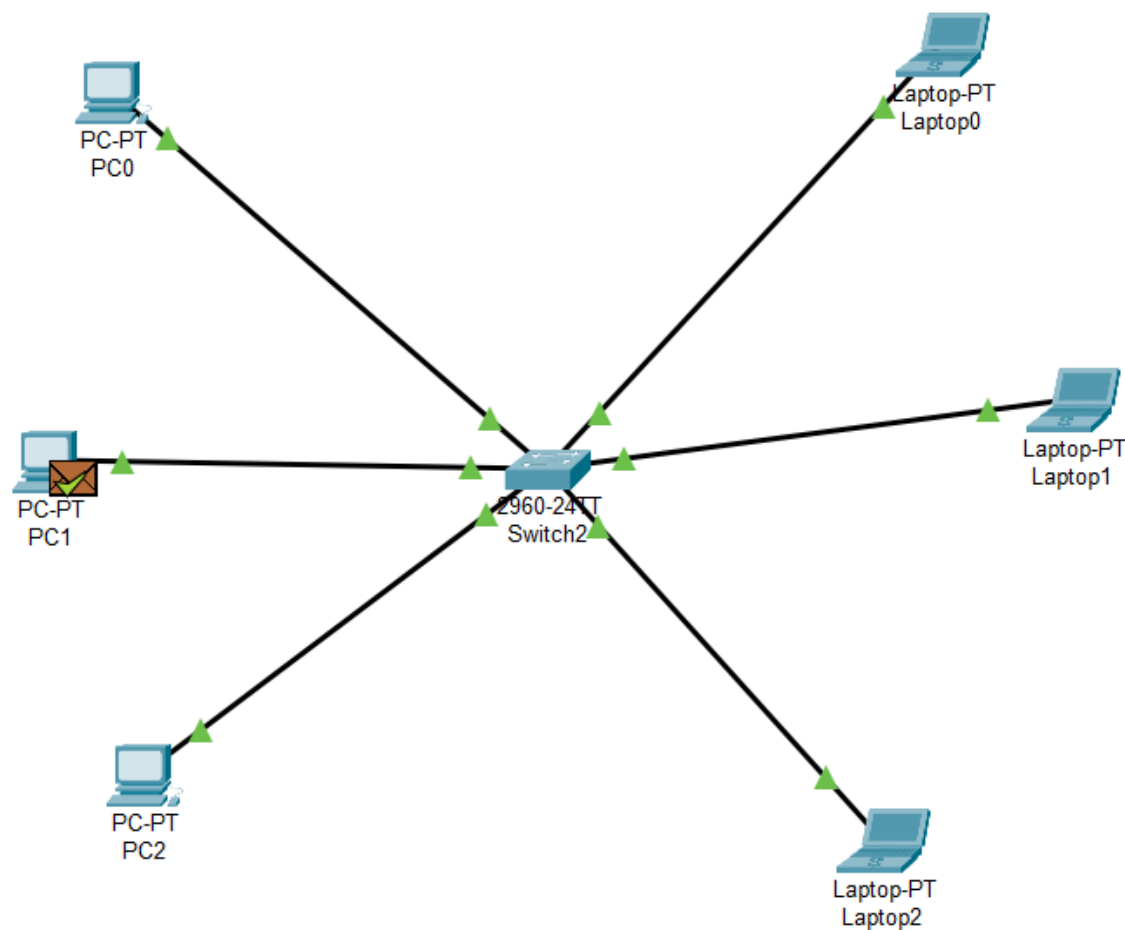Создал сеть, настроил и отправил запрос(успешно)

Создал vlan для программистов и бухгалтеров

```
Switch(config)#vlan 3
Switch(config-vlan)#name bugh
Switch(config-vlan)#int range fa0/4-6
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport access vlan 3
Switch(config-if-range)#exit

Switch(config)#vlan 2
Switch(config-vlan)#name programmer
Switch(config-vlan)#int range fa0/1-3
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport
Switch(config-if-range)#switchport access vlan 2
```
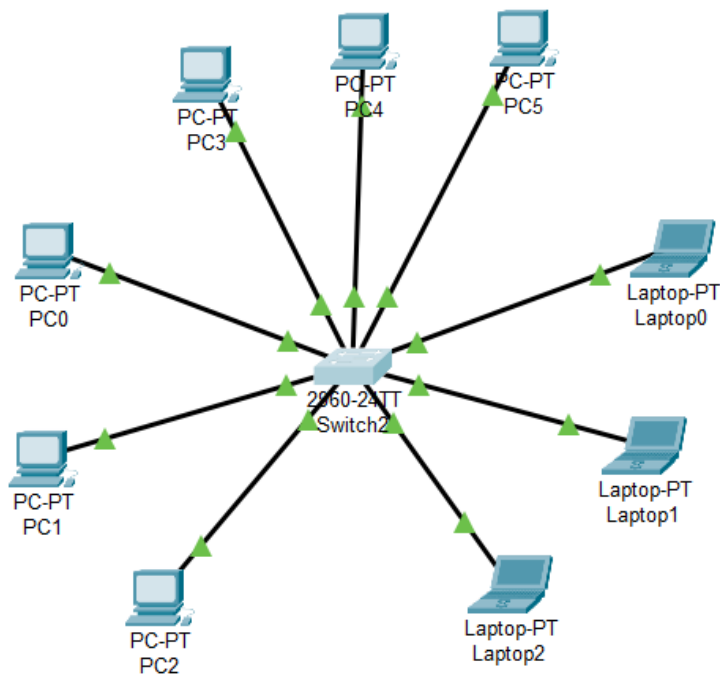
VLAN	Name	Status	Ports
1	default	active	Fa0/7, Fa0/8, Fa0/9, Fa0/10 Fa0/11, Fa0/12, Fa0/13, Fa0/14 Fa0/15, Fa0/16, Fa0/17, Fa0/18 Fa0/19, Fa0/20, Fa0/21, Fa0/22 Fa0/23, Fa0/24, Gig0/1, Gig0/2
2	programmer	active	Fa0/1, Fa0/2, Fa0/3
3	bugh	active	Fa0/4, Fa0/5, Fa0/6
1002	fddi default	active	

Отправил запрос

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	De
●	Successful	PC0	PC2	ICMP	■	0.000	N	0	(edit)	

Добавил директоров и настроил им vlan

| 3 | bдgn | active | Fa0/4, Fa0/5, Fa0/6 |
| 4 | director | active | Fa0/7, Fa0/8, Fa0/9 |

```
C:\>ping 192.168.0.7

Pinging 192.168.0.7 with 32 bytes of data:

Reply from 192.168.0.7: bytes=32 time<1ms TTL=128
Reply from 192.168.0.7: bytes=32 time<1ms TTL=128
Reply from 192.168.0.7: bytes=32 time<1ms TTL=128
Reply from 192.168.0.7: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.0.7:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

```
C:\>ping 192.168.0.8

Pinging 192.168.0.8 with 32 bytes of data:

Reply from 192.168.0.8: bytes=32 time<1ms TTL=128
Reply from 192.168.0.8: bytes=32 time<1ms TTL=128
Reply from 192.168.0.8: bytes=32 time<1ms TTL=128
Reply from 192.168.0.8: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.0.8:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```