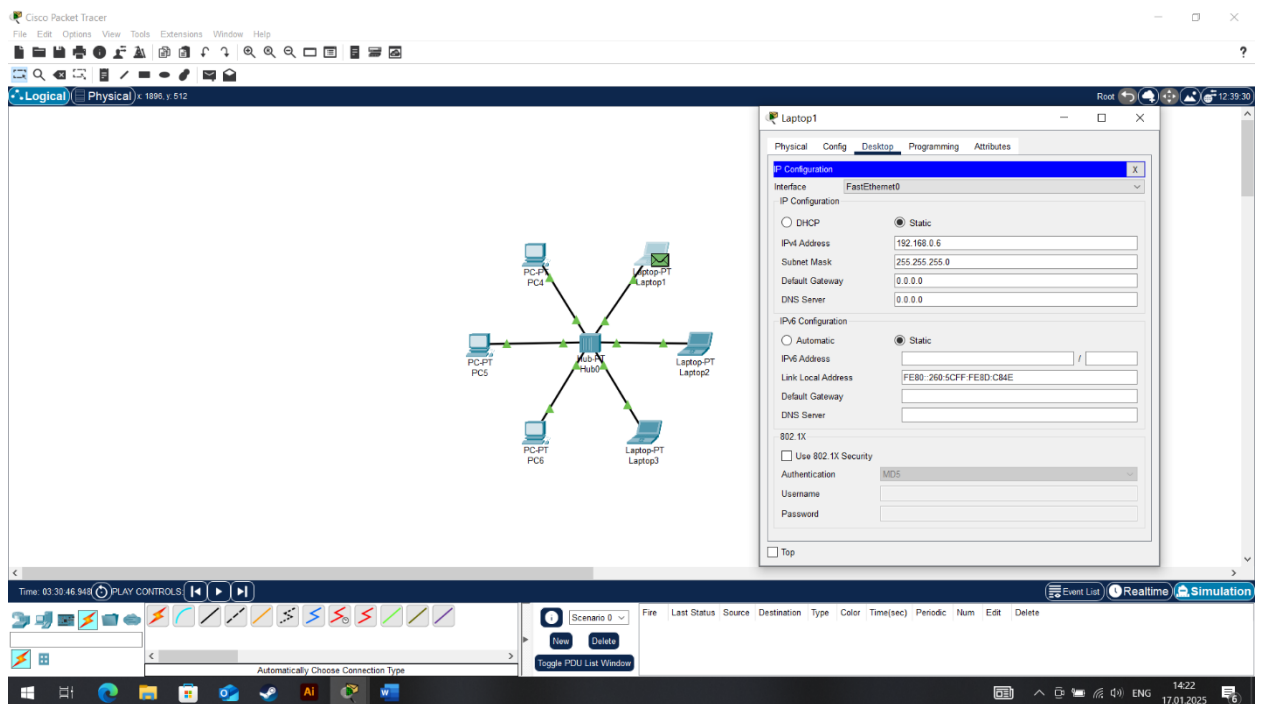
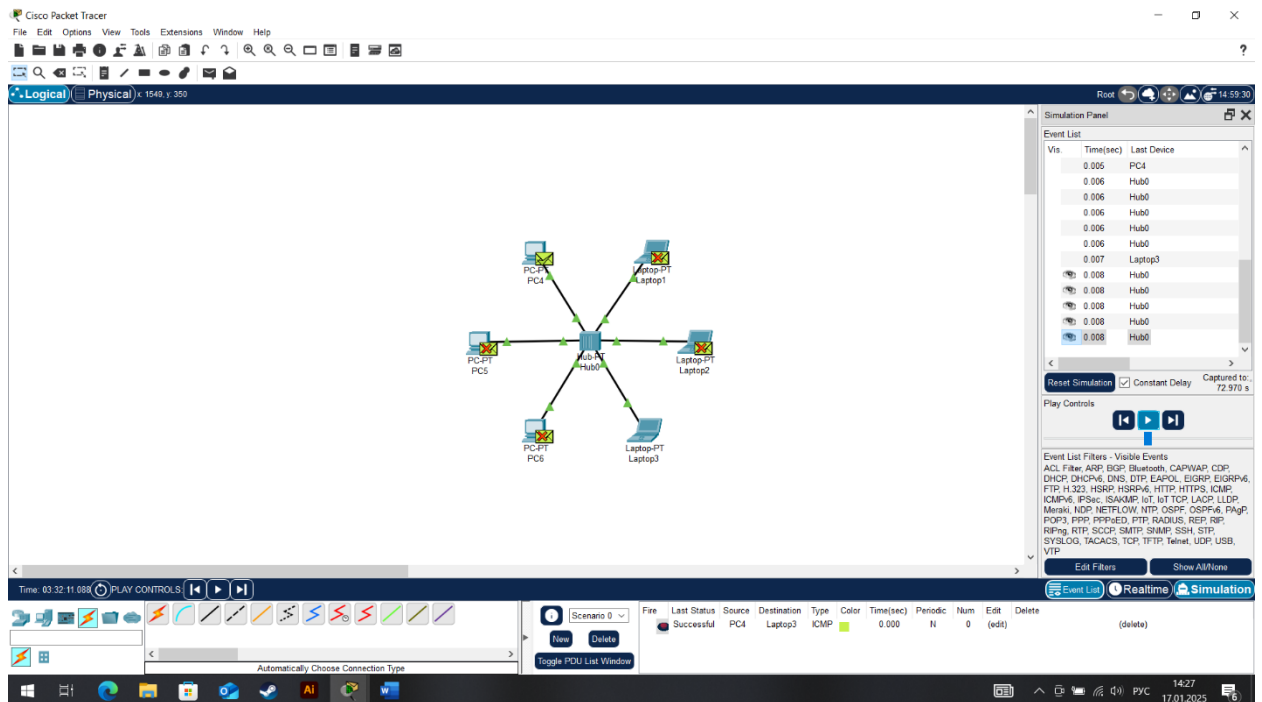


1.

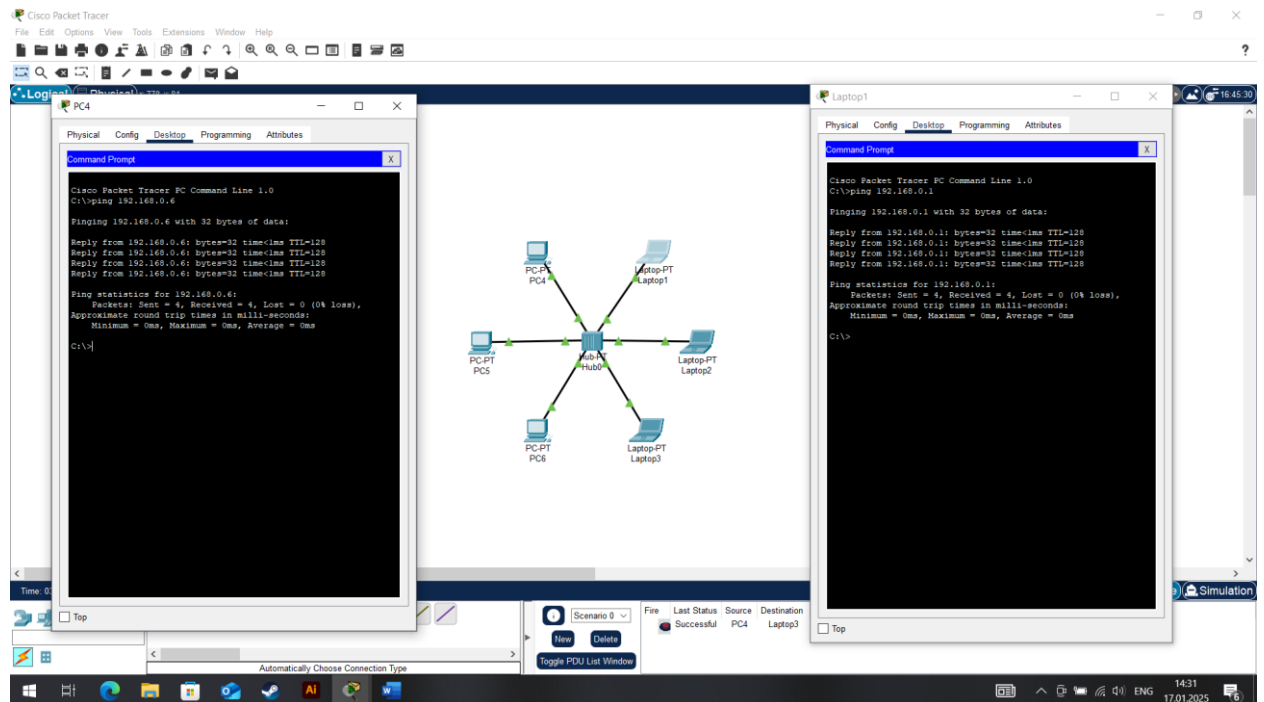
Подключил все наши устройства к коммутационному оборудованию Hub и настроил статистическое Ip каждого устройства.



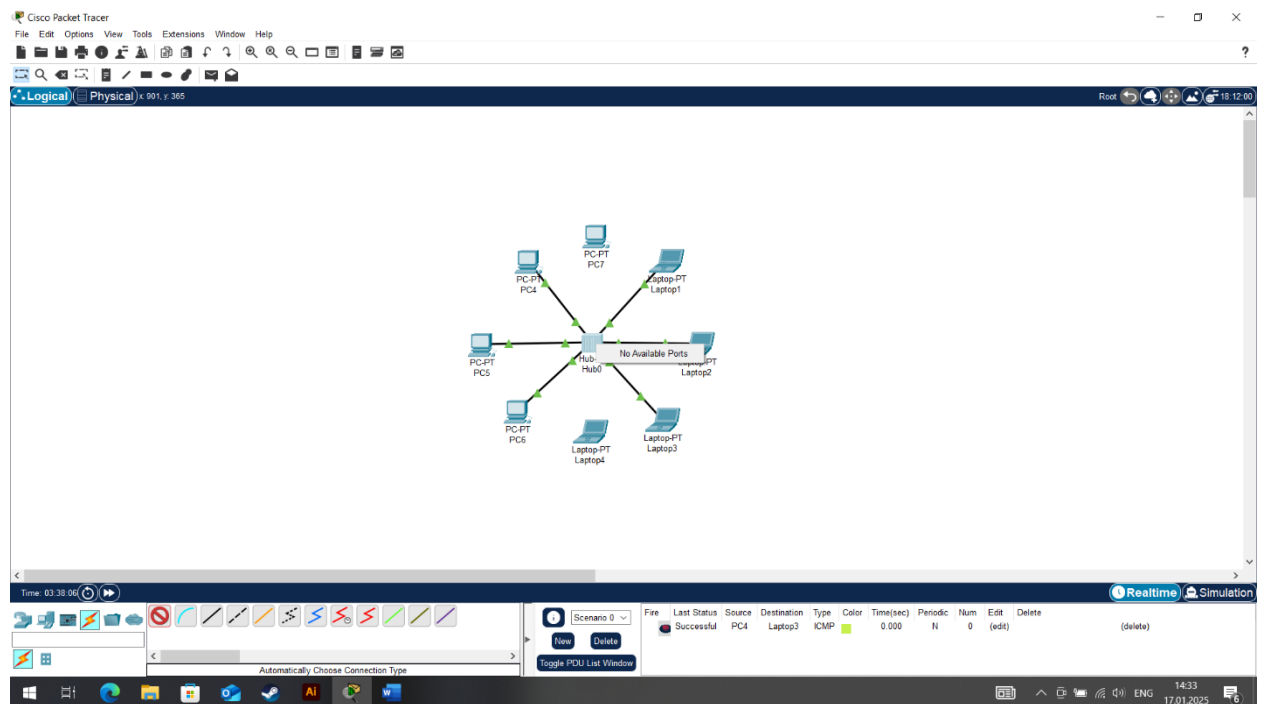
2. Произвёл симуляцию.



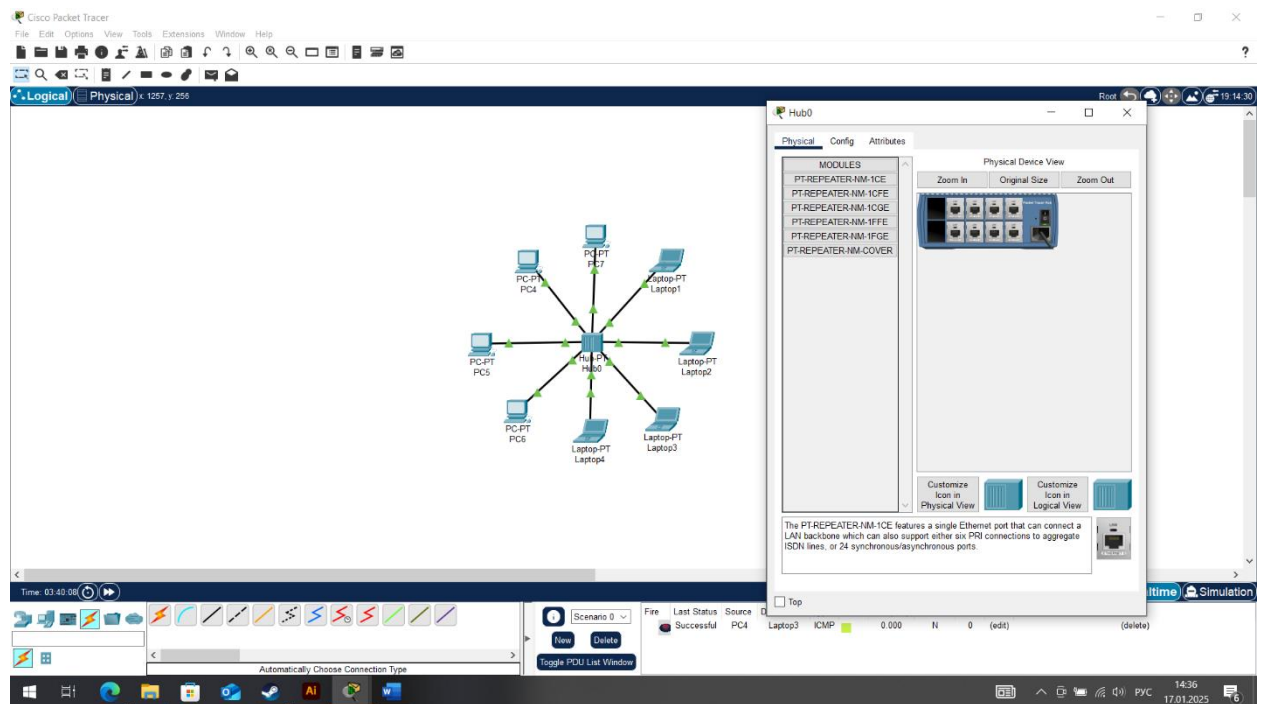
3. Пинганул устройства PC4 и Laptop1.



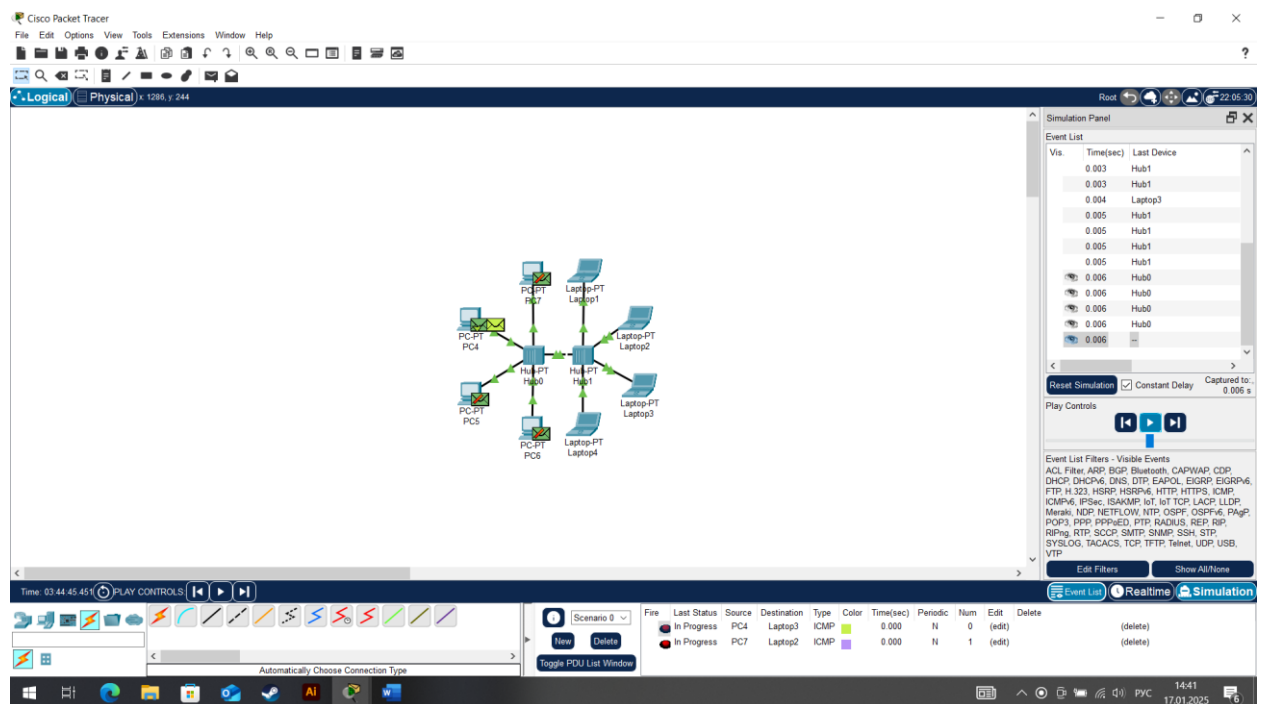
4. Попытка подключить доп. устройство (нехватка портов).



5. Добавил порты предварительно отключив Hub и после подключения доп. устройств включил.



6. Добавил второй Hub и подключил все ноутбуки к нему, заранее отключив от прошлого Hub, подсоединил Hub0 к Hub1 и запустил симуляцию.



7. Проверил Ping.

The screenshot shows the Cisco Packet Tracer interface. The main workspace displays a network topology with two central routers (R1 and R2) connected to each other. R1 is connected to PC-PT PC4, PC-PT PC5, and Laptop-PT Laptop1. R2 is connected to Laptop-PT Laptop2, Laptop-PT Laptop3, and Laptop-PT Laptop4. The interface includes a menu bar at the top, a toolbar, and a status bar at the bottom.

Overlaid on the right side is a window titled "PC4" with the "Desktop" tab selected. Inside this window is a "Command Prompt" window showing the following output:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.6

Pinging 192.168.0.6 with 32 bytes of data:

Reply from 192.168.0.6: bytes=32 time<1ms TTL=128
Reply from 192.168.0.6: bytes=32 time<1ms TTL=128
Reply from 192.168.0.6: bytes=32 time<1ms TTL=128
Reply from 192.168.0.6: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.0.6:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>ping 192.168.0.5

Pinging 192.168.0.5 with 32 bytes of data:

Reply from 192.168.0.5: bytes=32 time<1ms TTL=128
Reply from 192.168.0.5: bytes=32 time<1ms TTL=128
Reply from 192.168.0.5: bytes=32 time<1ms TTL=128
Reply from 192.168.0.5: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.0.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
```