

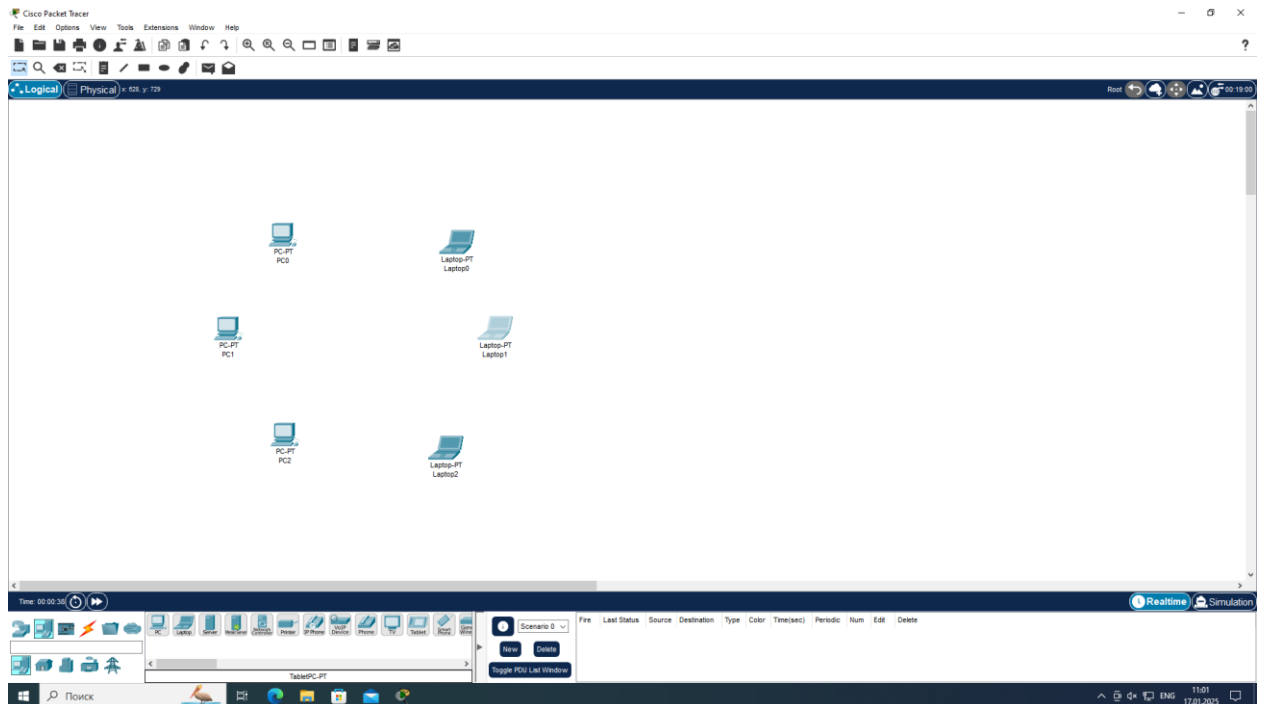
Практическая работа 2 (Сеть с использованием концентратора Hub)

Выполнили:

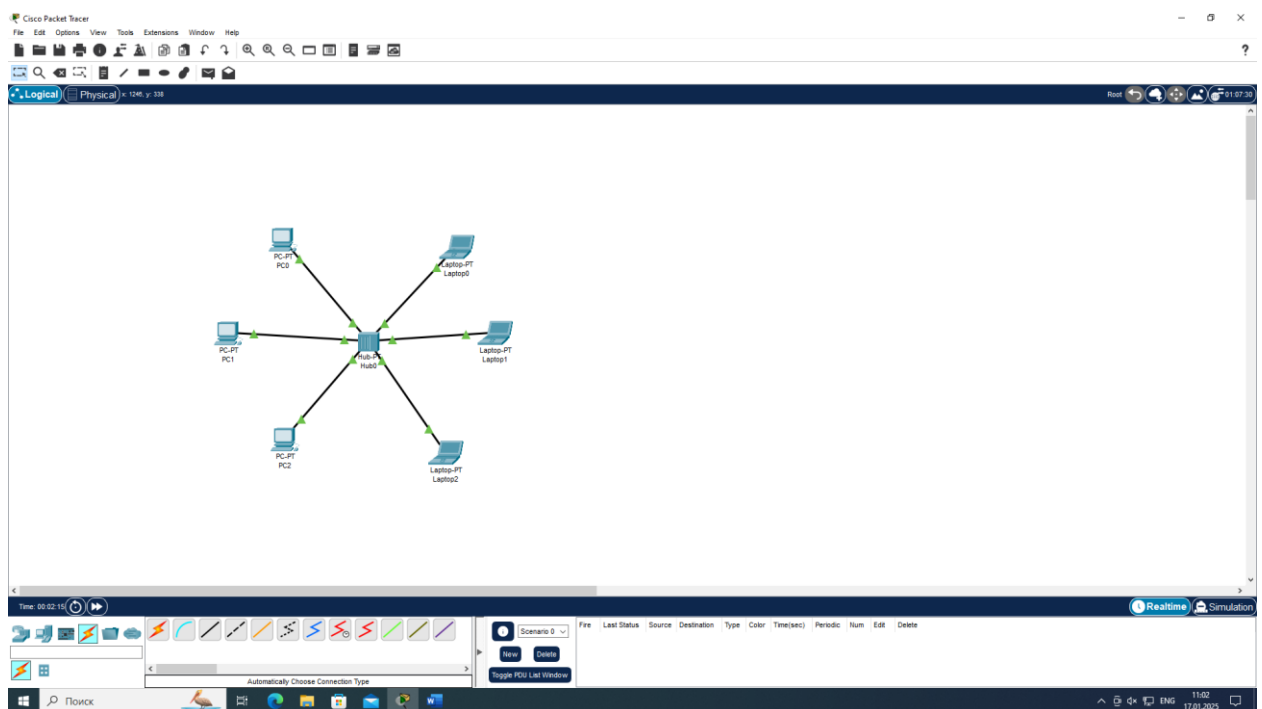
Бурова Екатерина

Кахнович Мария

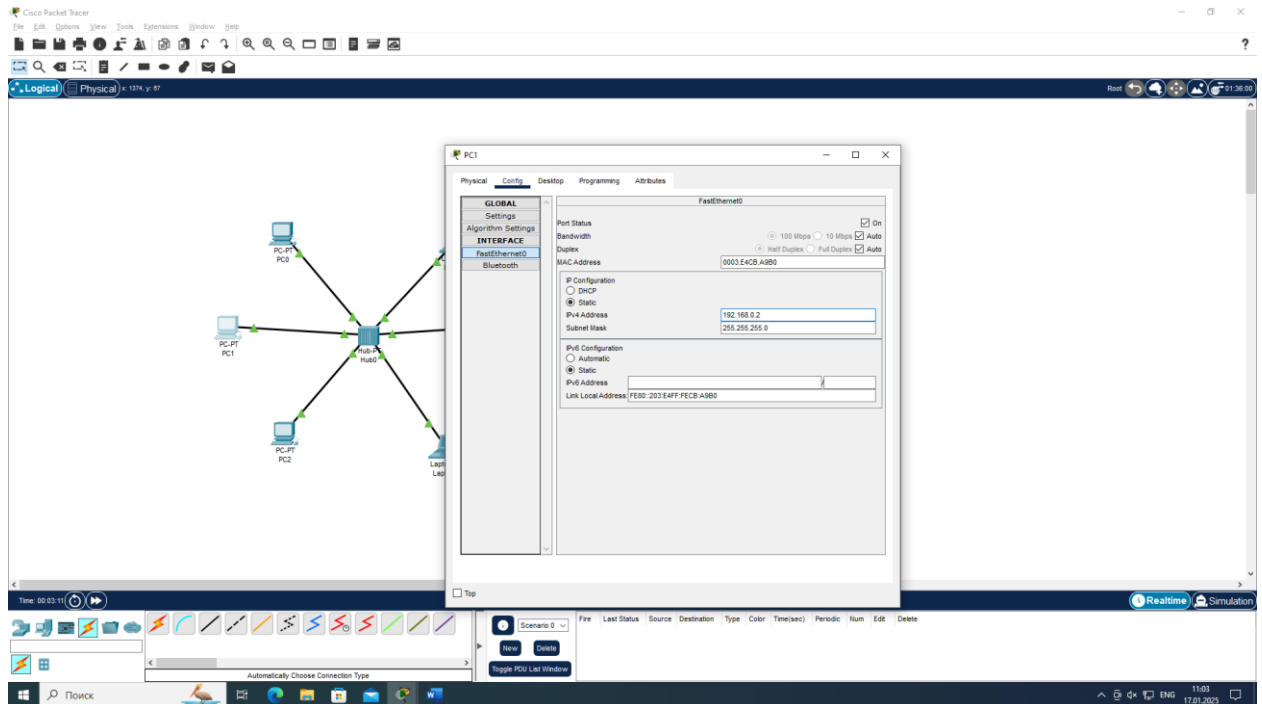
Заходим во вкладку (Девайсы), и выставляем 6 различных устройств



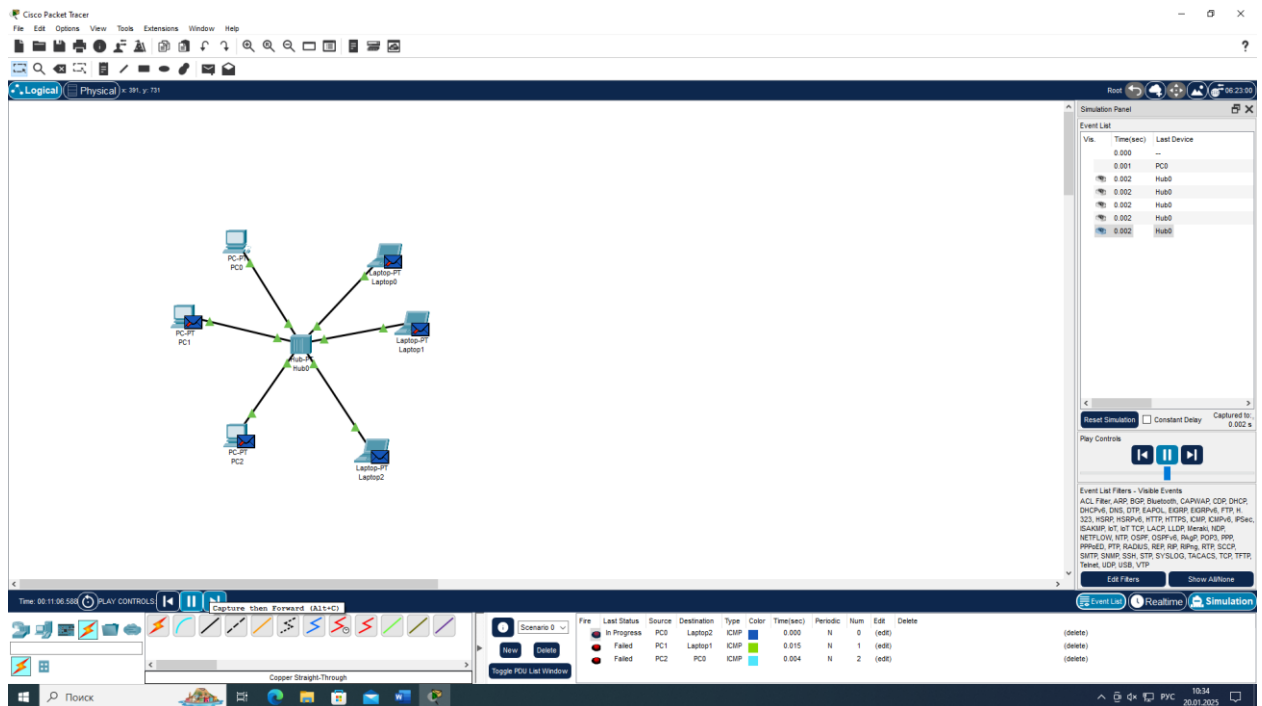
Выбираем оборудование Hub и подключаем все наши устройства к нему



Настраиваем Ip



Переходим в режим симуляции и передаем пакеты с одного компьютера на другой



Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 111 y: 615

Simulation Panel

Event List

Via	Time(sec)	Last Device
0.008	Hub0	
0.008	Hub0	
0.008	Hub0	
0.011	PC0	
0.012	Hub0	
0.012	Hub0	
0.012	Hub0	
0.012	Hub0	
0.012	Hub0	
0.012	Hub0	
0.015	PC2	
0.015	PC1	
0.016	Hub0	
0.016	Hub0	
0.016	Hub0	
0.016	Hub0	
0.016	Hub0	

Reset Simulation Constant Delay Captured to: 0.016 s

Play Controls

Event List Filters - Visible Events

ACL Filter ARP RDP Bluetooth CAPWAP CDP DHCP DHCPV6 DNS DTP EAPOL EGRP EIGRPv6 FTP H.323 HSRP HSRPv6 HTTP HTTPS ICMP ICMPv6 IPsec ISAKMP IRT RT TCP TACACS LLDP NetFlow NTP NETFLOW NTP OSPF OSPFv6 RADIUS RDP POP3 PPP PPPv6 PTP RADIUS RSR RSP RSPv6 RTP SCCP SMTP SNMP SSH STP SYSLOG TACACS TCP TFTP Telnet UDP USB VTP

Scenario 0

File	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	Laptop2	ICMP	Blue	0.000	N	0	(edit)	(delete)
	In Progress	PC1	Laptop1	ICMP	Green	0.015	N	1	(edit)	(delete)
	In Progress	PC2	PC0	ICMP	Cyan	0.004	N	2	(edit)	(delete)

Toggle PC0 List Window

Cooper Straight-Through

10:35 20.01.2025

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 111 y: 415

Simulation Panel

Event List

Via	Time(sec)	Last Device
0.016	Hub0	
0.016	Hub0	
0.016	Hub0	
0.016	Hub0	
0.016	Hub0	
0.017	Hub0	
0.017	Hub0	
0.017	Hub0	
0.017	Hub0	
0.017	Hub0	
0.019	PC0	
0.019	PC0	
0.020	Hub0	
0.020	Hub0	
0.020	Hub0	
0.020	Hub0	
0.020	Hub0	

Reset Simulation Constant Delay Captured to: 0.020 s

Play Controls

Event List Filters - Visible Events

ACL Filter ARP RDP Bluetooth CAPWAP CDP DHCP DHCPV6 DNS DTP EAPOL EGRP EIGRPv6 FTP H.323 HSRP HSRPv6 HTTP HTTPS ICMP ICMPv6 IPsec ISAKMP IRT RT TCP TACACS LLDP NetFlow NTP NETFLOW NTP OSPF OSPFv6 RADIUS RDP POP3 PPP PPPv6 PTP RADIUS RSR RSP RSPv6 RTP SCCP SMTP SNMP SSH STP SYSLOG TACACS TCP TFTP Telnet UDP USB VTP

Scenario 0

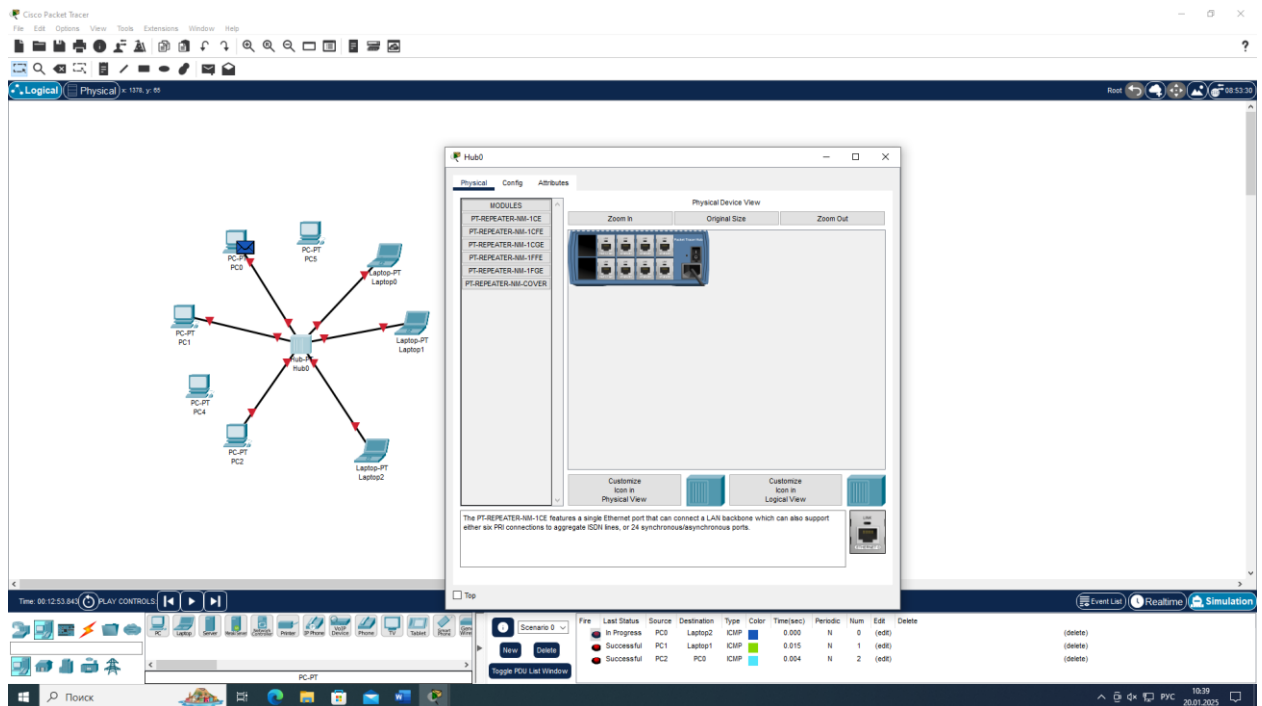
File	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	Laptop2	ICMP	Blue	0.000	N	0	(edit)	(delete)
	In Progress	PC1	Laptop1	ICMP	Green	0.015	N	1	(edit)	(delete)
	In Progress	PC2	PC0	ICMP	Cyan	0.004	N	2	(edit)	(delete)

Toggle PC0 List Window

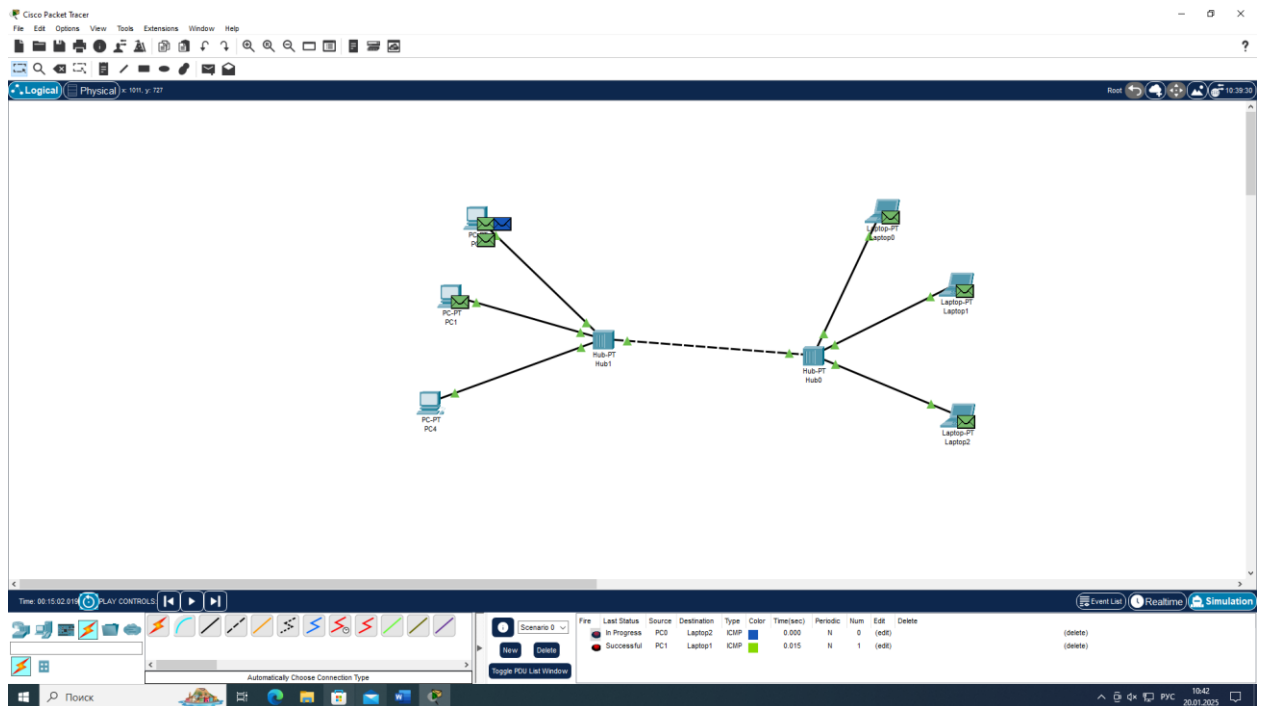
Cooper Straight-Through

10:35 20.01.2025

Добавляем ещё 2 устройства и подключаем их к хабу.



Изменяем топологию сети с помощью второго хаба и подключаем их между собой



Переходим в режим симуляции и проверяем

