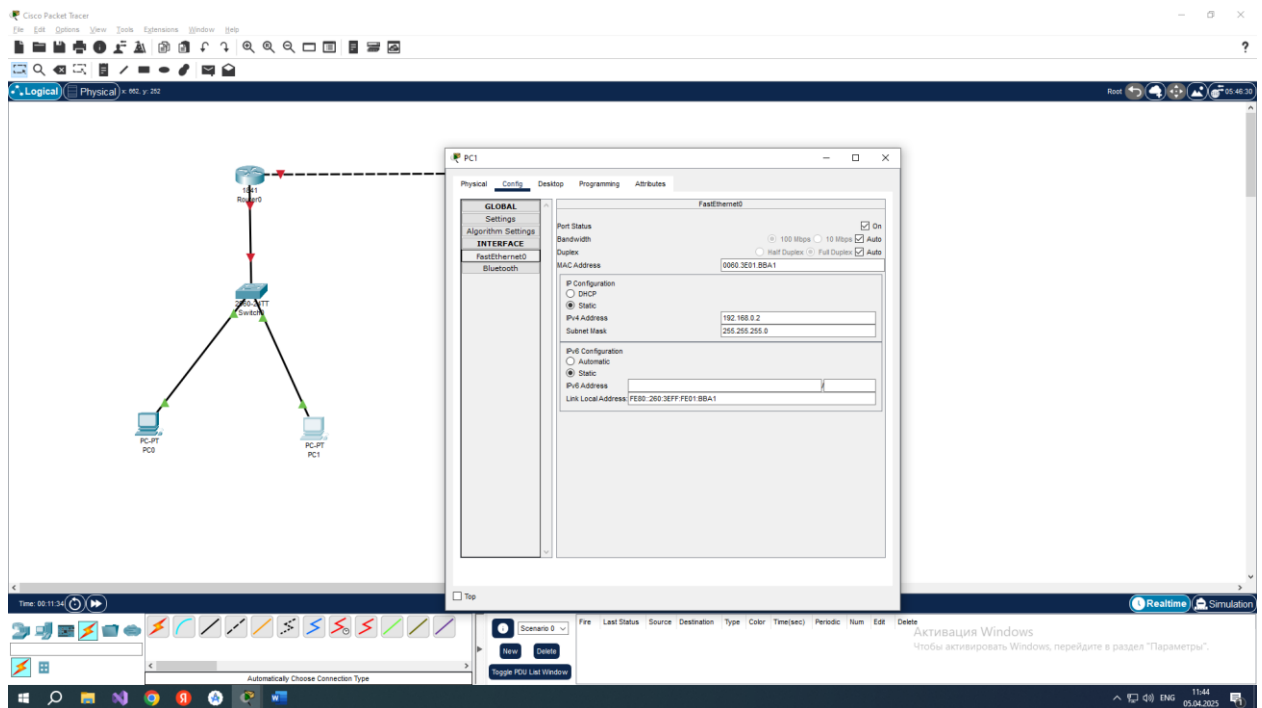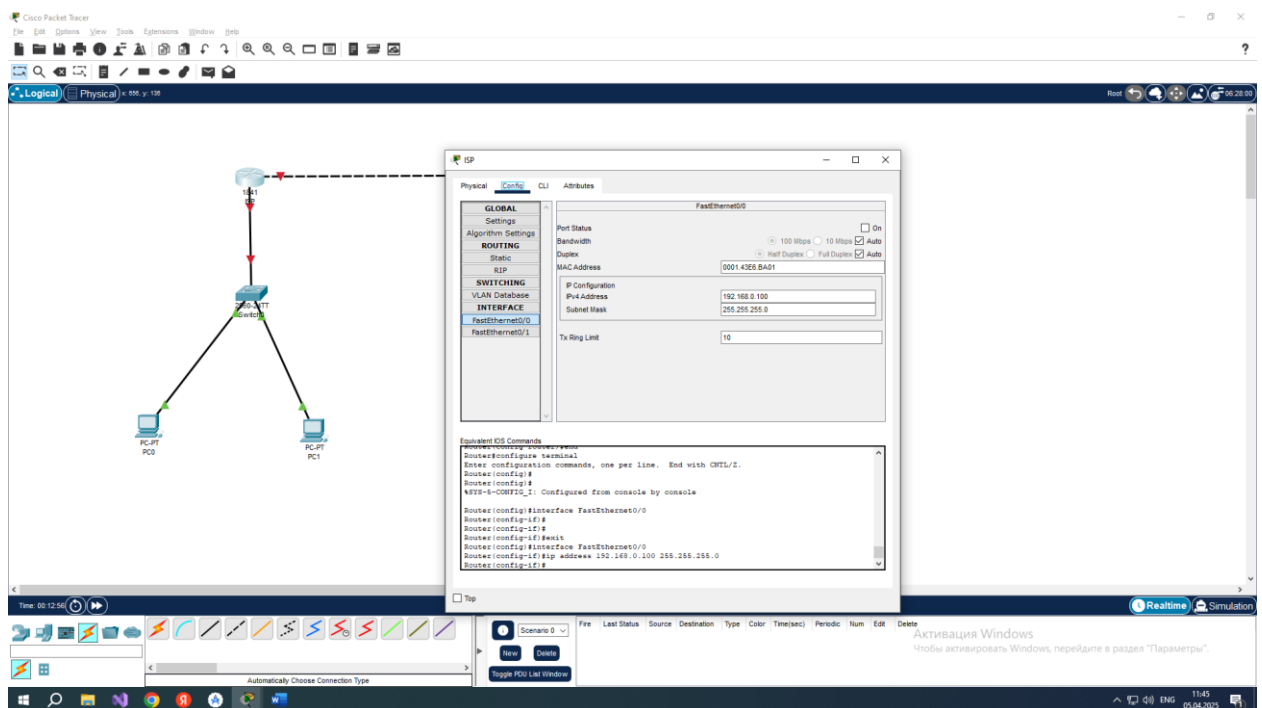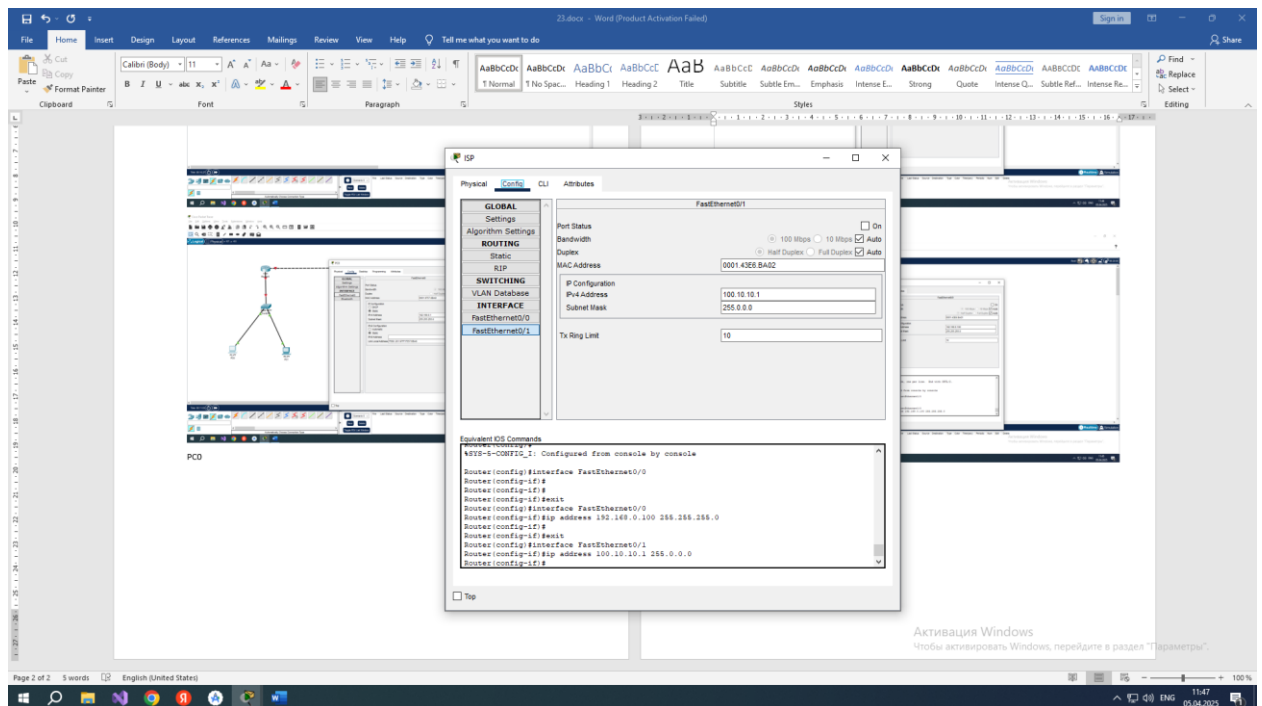PC0

PC1

Router0 ISP (Fa0/0)

Router0 ISP (Fa0/1)
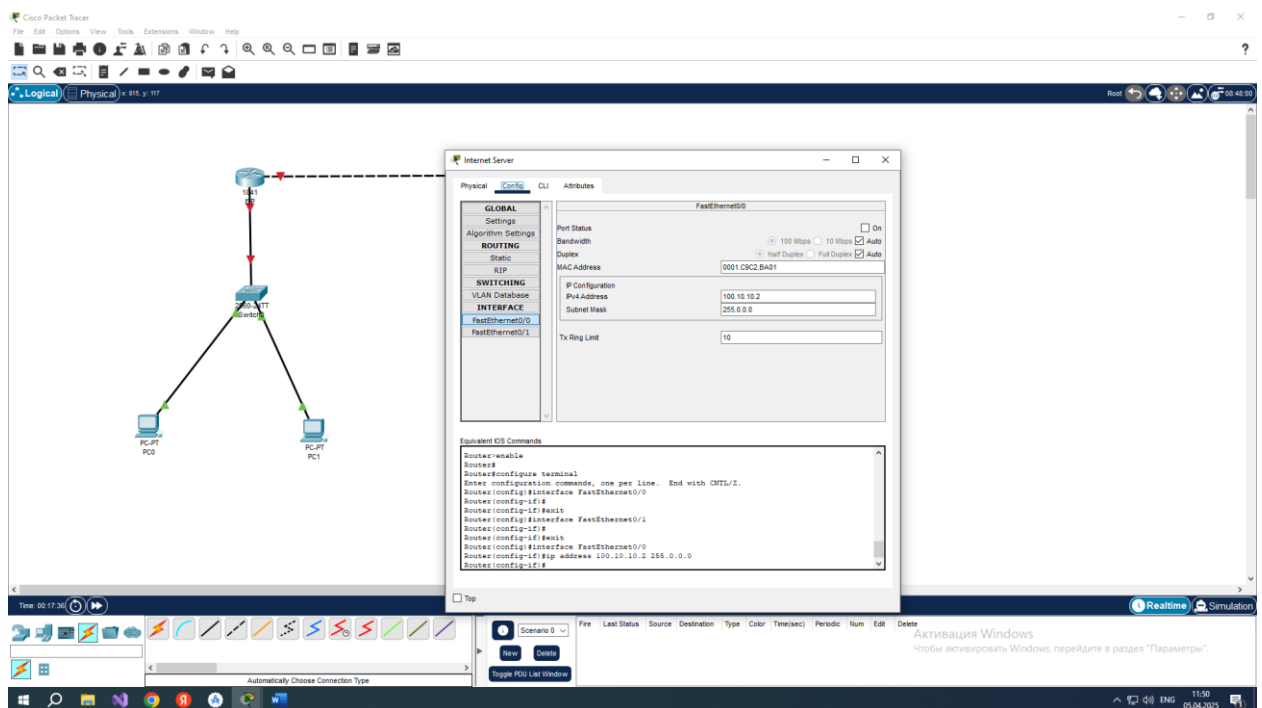
Router1 Internet Server (Fa0/0)

Screenshot 1 — ISP Router CLI (IOS Command Line Interface):

```
Router(config-router)#end
Router#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#
Router(config)#
%SYS-5-CONFIG_I: Configured from console by console

Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 192.168.0.100 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#ip address 100.10.10.1 255.0.0.0
Router(config-if)#
Router(config-if)#exit
Router(config)#ip-route 0.0.0.0 0.0.0.0 100.10.10.2
                  ^
% Invalid input detected at '^' marker.

Router(config)#ip route 0.0.0.0 0.0.0.0 100.10.10.2
Router(config)#int fa0/0
Router(config-if)#ip nat outside
Router(config-if)#int fa0/1
Router(config-if)#ip nat outside
Router(config-if)#exit
Router(config)#ip nat inside source static 192.168.0.1 100.10.11.1
                                                          ^
% Invalid input detected at '^' marker.

Router(config)#ip nat inside source static 192.168.0.1 100.10.11.1
Router(config)#ip nat inside source static 192.168.0.1 100.10.11.2
Router(config)#
```


Screenshot 2 — PC0 Command Prompt:

```
Pinging 100.10.10.2 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 100.10.10.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 100.10.10.2

Pinging 100.10.10.2 with 32 bytes of data:

Request timed out.
Request timed out.
Reply from 100.10.10.2: bytes=32 time<1ms TTL=254
Reply from 100.10.10.2: bytes=32 time<1ms TTL=254

Ping statistics for 100.10.10.2:
    Packets: Sent = 4, Received = 2, Lost = 2 (50% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 100.10.10.2

Pinging 100.10.10.2 with 32 bytes of data:

Reply from 100.10.10.2: bytes=32 time<1ms TTL=254
Reply from 100.10.10.2: bytes=32 time<1ms TTL=254
Reply from 100.10.10.2: bytes=32 time<1ms TTL=254
Reply from 100.10.10.2: bytes=32 time<1ms TTL=254

Ping statistics for 100.10.10.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

Cisco Packet Tracer

File   Edit   Options   View   Tools   Extensions   Window   Help

Logical   Physical

ISP

Physical   Config   CLI   Attributes

IOS Command Line Interface

```
Router(config)#
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#ip nat inside source static 192.168.0.1 100.10.11.1
Router(config)#ip nat inside source static 192.168.0.1 100.10.11.2
Router(config)#sh
Router(config)#sh
Router(config)#sh
Router(config)#show ip nat tr
Router(config)#show ip nat tr
Router(config)#show ip nat tr
Router(config)#show ip nat tr
Router(config)#show ip nat tr
Router(config)#show ip nat tr
Router(config)#show ip nat tr
Router(config)#show ip nat tr
Router(config)#show ip nat tr
Router(config)#show ip nat tr
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#sh
Router#show ip
Router#show ip nat tr
Router#show ip nat translations
Pro  Inside global   Inside local    Outside local    Outside global
---  100.10.11.1     192.168.0.1     ---              ---
---  100.10.11.2     192.168.0.1     ---              ---
Router#
```

Copy   Paste

Top

PC-PT
PC0

PC-PT
PC1

2950-24
Switch0

Time: 00:56:34

Realtime   Simulation

Scenario 0

Fire   Last Status   Source   Destination   Type   Color   Time(sec)   Periodic   Num   Edit   Delete

New   Delete

Toggle PDU List Window

Automatically Choose Connection Type