Prac21.

1.

PC-PT
PC0

1841
Router0

Server-PT
Server0
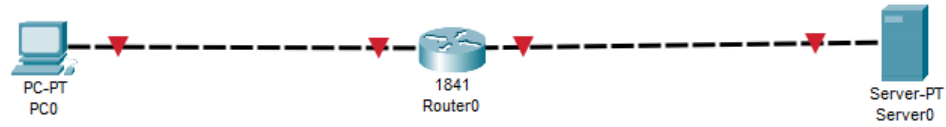
2.

Router0 — □ ×

Physical   Config   CLI   Attributes

GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
SWITCHING
VLAN Database
INTERFACE
FastEthernet0/0
FastEthernet0/1

FastEthernet0/0

Port Status   ☑ On
Bandwidth   ○ 100 Mbps ○ 10 Mbps ☑ Auto
Duplex   ○ Half Duplex ○ Full Duplex ☑ Auto
MAC Address   000C.CFD6.8201

IP Configuration
IPv4 Address   192.168.0.100
Subnet Mask   255.255.255.0

Tx Ring Limit   10

Router0 — □ ×

Physical   Config   CLI   Attributes

GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
SWITCHING
VLAN Database
INTERFACE
FastEthernet0/0
FastEthernet0/1

FastEthernet0/1

Port Status   ☑ On
Bandwidth   ○ 100 Mbps ○ 10 Mbps ☑ Auto
Duplex   ○ Half Duplex ○ Full Duplex ☑ Auto
MAC Address   000C.CFD6.8202

IP Configuration
IPv4 Address   30.30.30.100
Subnet Mask   255.0.0.0

Tx Ring Limit   10

3.

```
Router(config)#access-list 1 permit any
Router(config)#ip nat inside source list 1 interface fa0/1 overload
Router(config)#int fa0/0
Router(config-if)#ip nat inside
Router(config-if)#exit
Router(config)#int fa0/1
Router(config-if)#ip nat outside
```

4.

```
C:\>ping 30.30.30.1

Pinging 30.30.30.1 with 32 bytes of data:

Reply from 30.30.30.1: bytes=32 time<1ms TTL=127
Reply from 30.30.30.1: bytes=32 time=4ms TTL=127
Reply from 30.30.30.1: bytes=32 time=4ms TTL=127
Reply from 30.30.30.1: bytes=32 time<1ms TTL=127

Ping statistics for 30.30.30.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 4ms, Average = 2ms
```

5.

```
Router>show ip nat translations
Pro  Inside global     Inside local      Outside local     Outside global
icmp 30.30.30.100:1    192.168.0.1:1     30.30.30.1:1      30.30.30.1:1
icmp 30.30.30.100:2    192.168.0.1:2     30.30.30.1:2      30.30.30.1:2
icmp 30.30.30.100:3    192.168.0.1:3     30.30.30.1:3      30.30.30.1:3
icmp 30.30.30.100:4    192.168.0.1:4     30.30.30.1:4      30.30.30.1:4
```