

The screenshot displays the Cisco Packet Tracer interface. On the left, a network topology is visible in the 'Physical' tab, showing a central 'Switch0' connected to two 'PC-PT' devices (PC0 and PC1) and two 'Router' devices (Router0 and Router1). Router0 is connected to Router1 via a dashed line representing a serial connection. The 'Logical' tab is also visible at the top.

On the right, the 'Router0' configuration window is open, showing the 'CLI' (Command Line Interface) tab. The configuration text is as follows:

```
IOS Command Line Interface

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--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]:

Press RETURN to get started!

Router>enable
Router#
Router(config)#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 192.168.0.100 255.255.255.0
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)#ip address 100.10.10.1 255.0.0.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 100.10.10.1 255.0.0.0
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 nat pool white-address 100.10.11.7 100.10.11.99 netmask 255.255.255.0
Router(config)#ip nat inside source list 1 pool white-address
Router(config)#ip nat inside
Router(config-if)#ip nat inside
Router(config-if)#ip nat outside
Router(config-if)#exit
Router(config-if)#exit
Router(config)#
```

At the bottom of the Router0 window, there are 'Copy' and 'Paste' buttons, and a checkbox labeled 'Top'.

The screenshot displays two Cisco Packet Tracer windows, PC1 and PCD, with their Command Prompt interfaces open. The PC1 window shows a successful ping to 100.10.10.2, while the PCD window shows a failed ping with a 50% loss rate.

**PC1 Command Prompt:**

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 100.10.10.2

Pinging 100.10.10.2 with 32 bytes of data:

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

Ping statistics for 100.10.10.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

**PCD Command Prompt:**

```
Cisco Packet Tracer PC Command Line 1.0
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:\>
```

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

Router#show ip nat translations
Pro  Inside global      Inside local       Outside local      Outside global
icmp 100.10.11.78:1      192.168.0.2:1      100.10.10.2:1      100.10.10.2:1
icmp 100.10.11.78:2      192.168.0.2:2      100.10.10.2:2      100.10.10.2:2
icmp 100.10.11.78:3      192.168.0.2:3      100.10.10.2:3      100.10.10.2:3
icmp 100.10.11.78:4      192.168.0.2:4      100.10.10.2:4      100.10.10.2:4

Router#
```

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