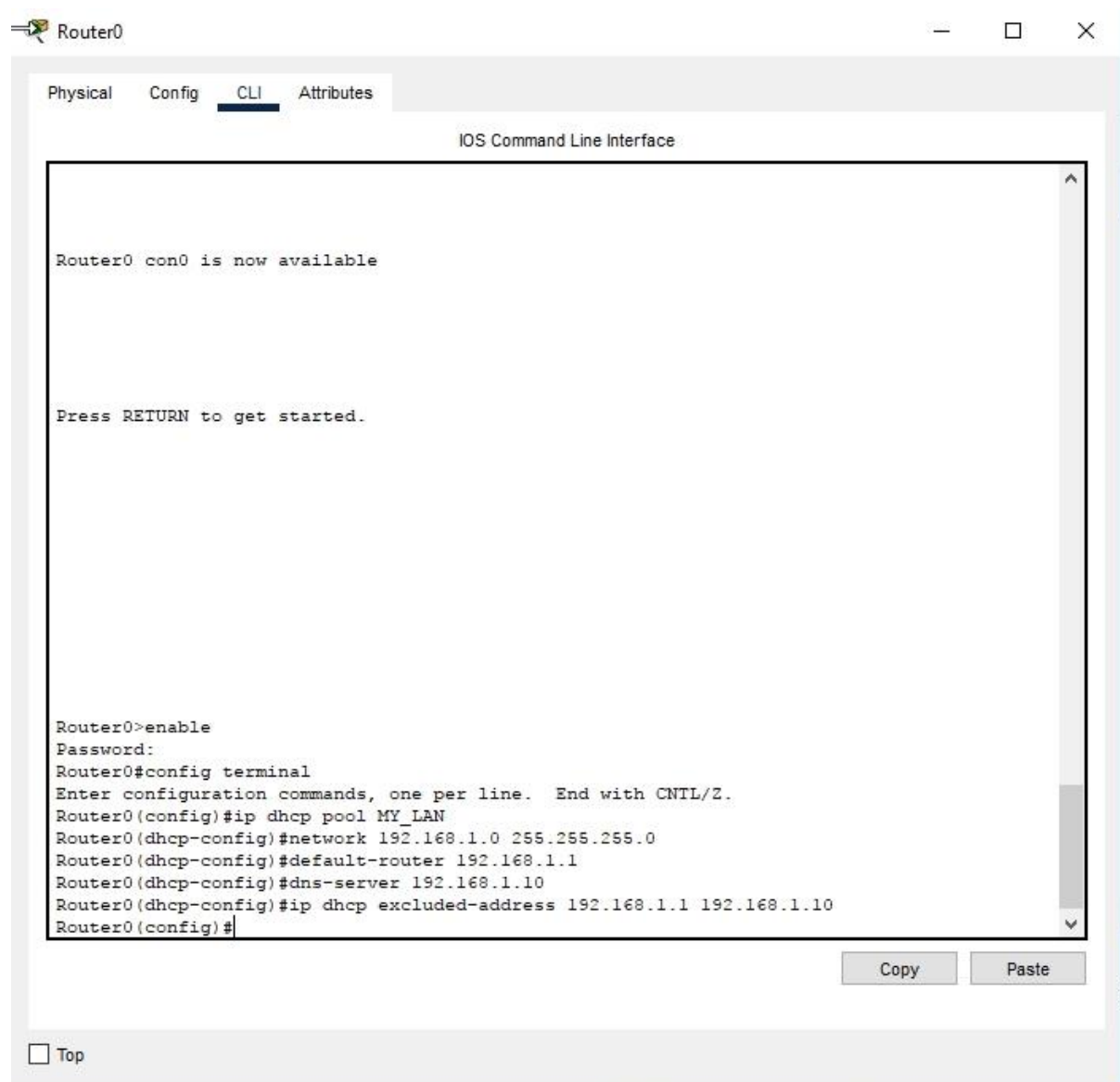


```
Router0#enable
Router0#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router0(config)#int fa0/0
Router0(config-if)#ip add 192.168.1.1 255.255.255.0
Router0(config-if)#no shutdown
Router0(config-if)#exit
Router0(config)#
```

Configure DHCP server on the Router



```
Router0(config)#ip dhcp pool MY_LAN
Router0(dhcp-config)#network 192.168.1.0 255.255.255.0
Router0(dhcp-config)#default-router 192.168.1.1
Router0(dhcp-config)#dns-server 192.168.1.10
Router0(dhcp-config)#ip dhcp excluded-address 192.168.1.1 192.168.1.10
```

Configure DHCP client on all PCs

Click PC1 -> Desktop -> IP configuration, then enable DHCP

PC0

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

☒ DHCP ☐ Static DHCP request successful.

IPv4 Address: 192.168.1.11

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.1.1

DNS Server: 192.168.1.10

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address: /

Link Local Address: FE80::2D0:BCFF:FE53:814A

Default Gateway:

DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

☐ Top

Do this for other PCs. When all IP are configured DHCP client, then you can get the IP address from Command Prompt and do ping between them.

```
> ipconfig
```

Hint: if the PC has not received IP from DHCP server, you can use the terminal to force IP update by the command

```
> ipconfig /renew
```

