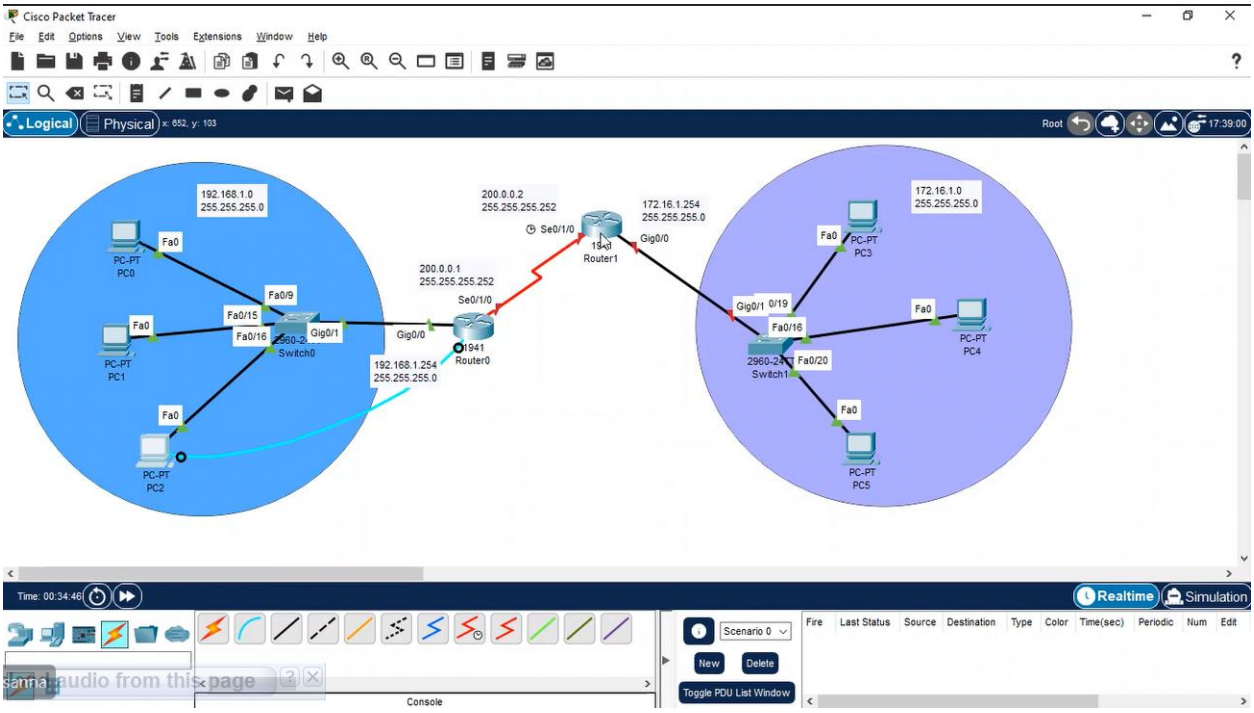
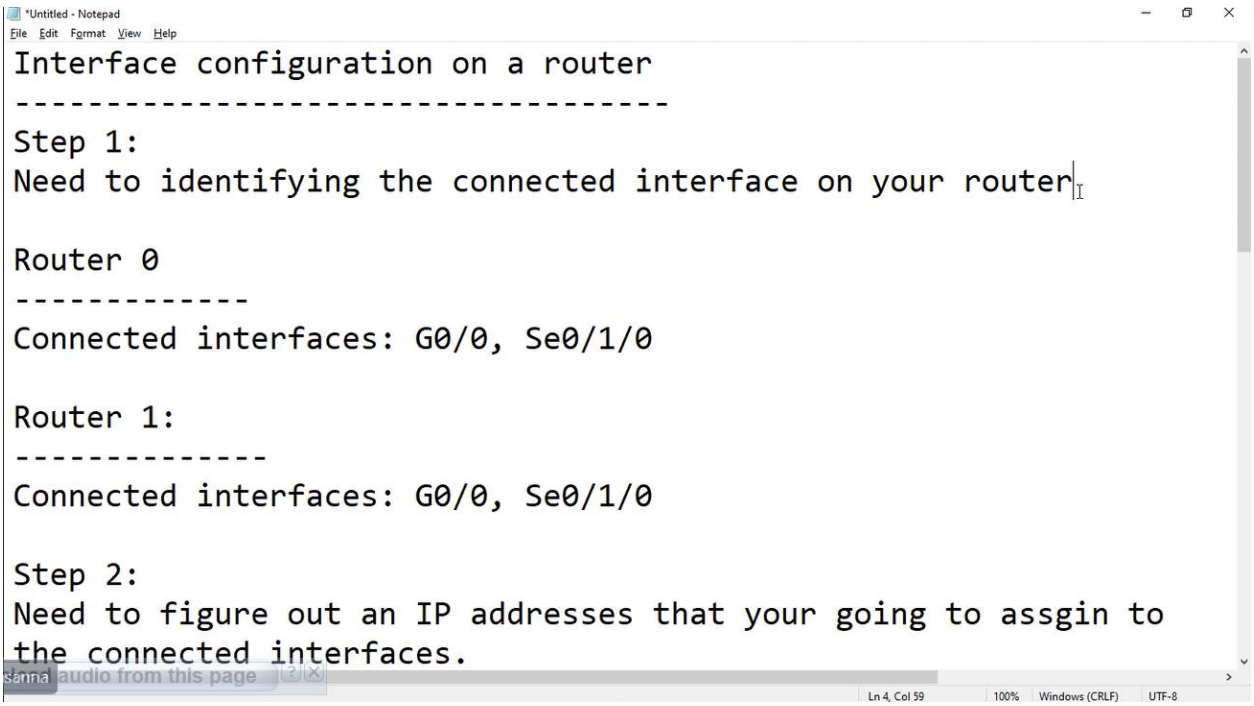


Interface Configuration on Routers



*Untitled - Notepad

File Edit Format View Help

Router 1:

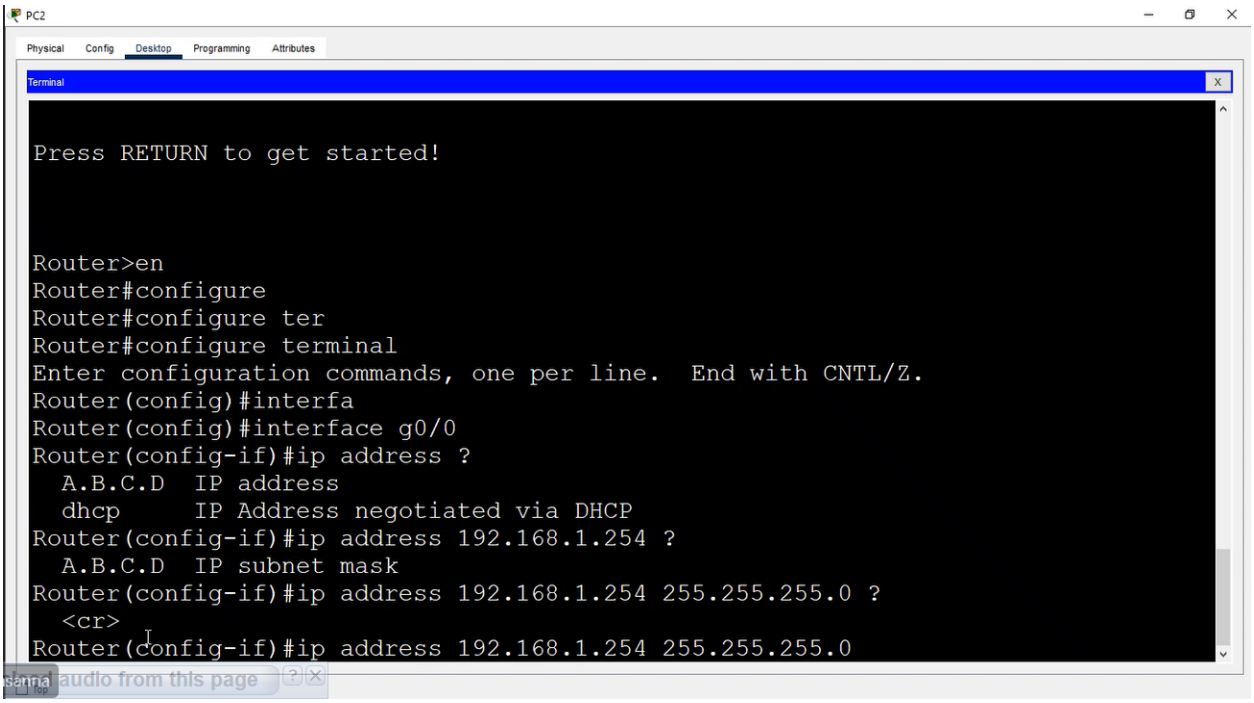
Connected interfaces: G0/0, Se0/1/0

Step 2:

Need to figure out an IP addresses that your going to assgin to the connected interfaces.

Step 3:

Switch to the global configuration mode & get access to the interface



```
  A.B.C.D  IP subnet mask
Router(config-if)#ip address 192.168.1.254 255.255.255.0 ?
  <cr>
Router(config-if)#ip address 192.168.1.254 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed
state to up

Router(config-if)#exit
Router(config)#
```

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File Edit Format View Help

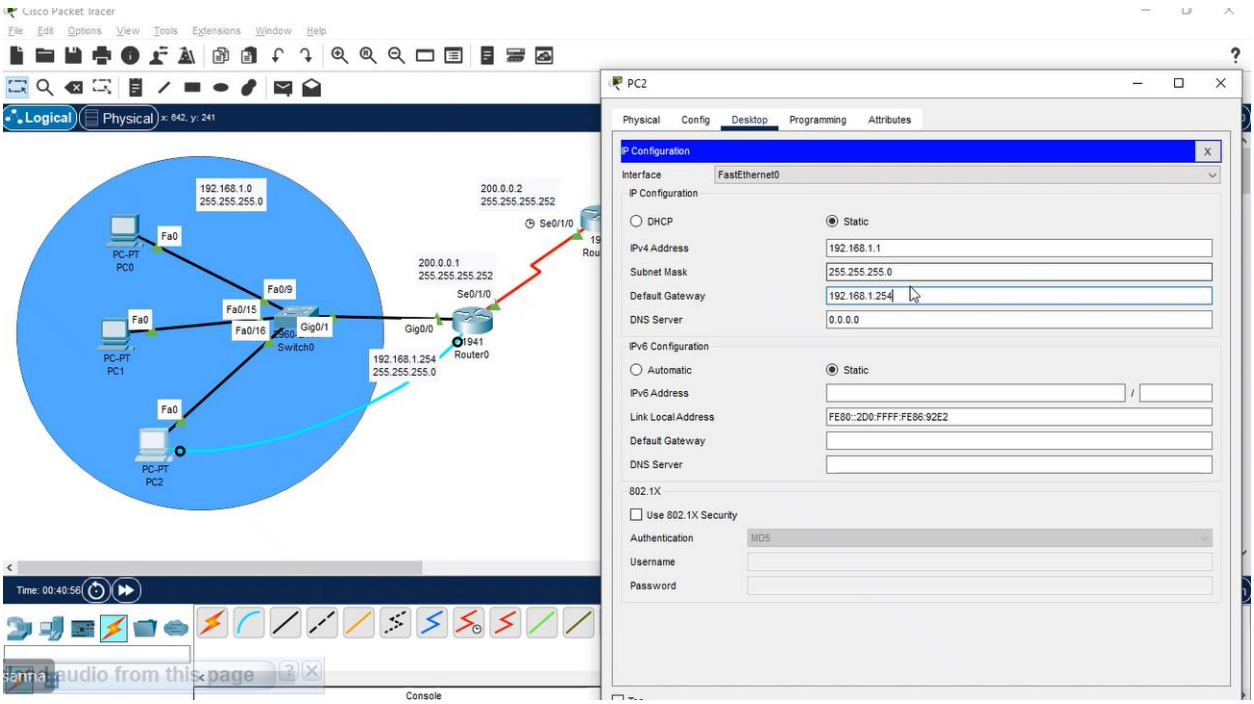
```
Router 1:
--------------
Connected interfaces: G0/0, Se0/1/0

Step 2:
Need to figure out an IP addresses that your going to assgin to
the connected interfaces.

Step 3:
Switch to the global configuration mode & get access to the
interface

Router(config)#interface g0/0
Router(config-if)#ip address 192.168.1.254 255.255.255.0
Router(config-if)#no shutdown
Router(config-if)#exit
```

Ln 20, Col 10 100% Windows (CRLF) UTF-8

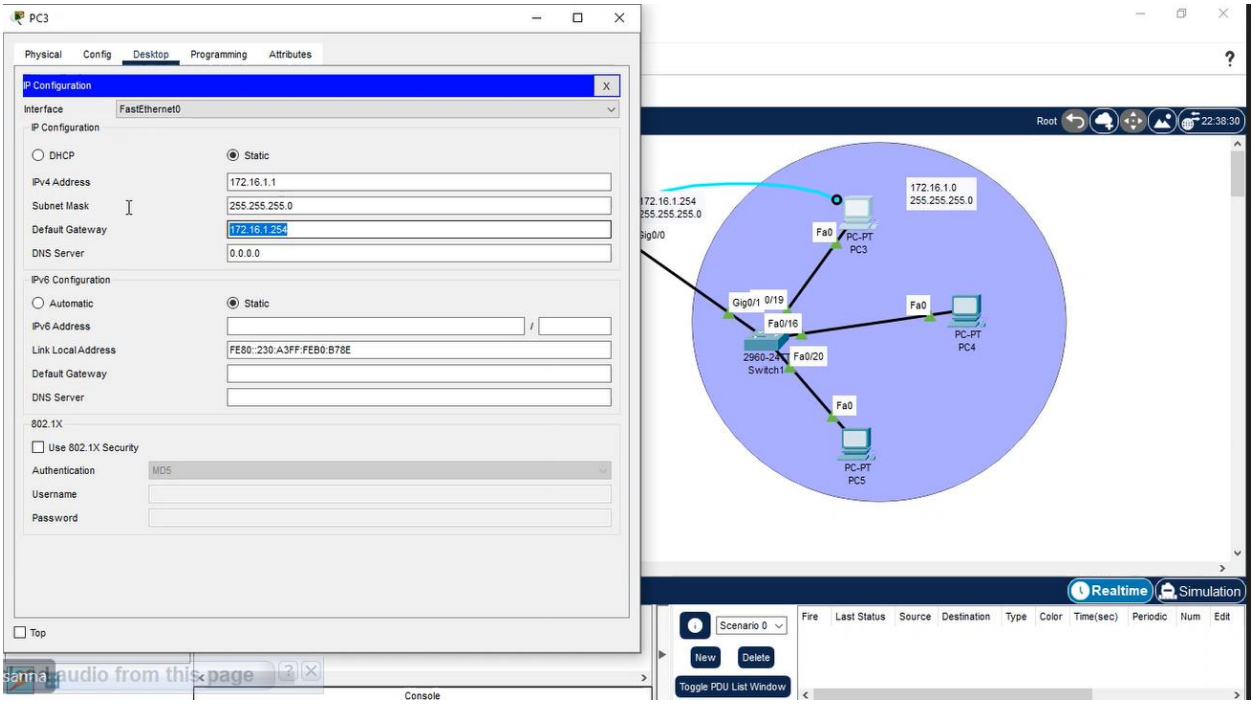
```
Router(config)#interface se0/1/0
Router(config-if)#ip address 200.0.0.1 255.255.255.252
Router(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial0/1/0, changed state to down
Router(config-if)#exit
Router(config)#do w
Building configuration...
[OK]
Router(config)#
```

```
Router(config)#
Router(config)#
Router(config)#interfa
Router(config)#interface g0/0
Router(config-if)#ip address 172.16.1.254 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed
state to up

Router(config-if)#ex
Router(config)#
Router(config)#do w
Building configuration...
[OK]
Router(config)#
```

Setting Default Gateway



Should Assign This Value For All Local Networks In That Network....



Between Routers