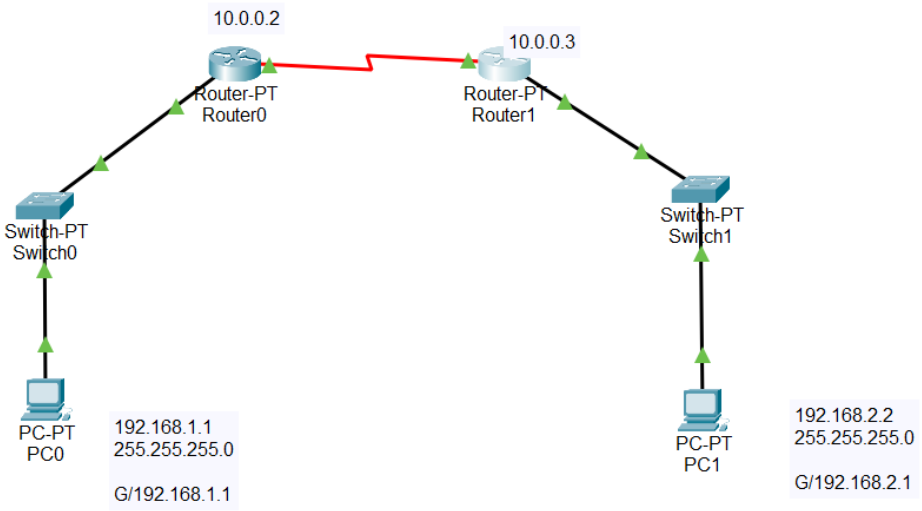
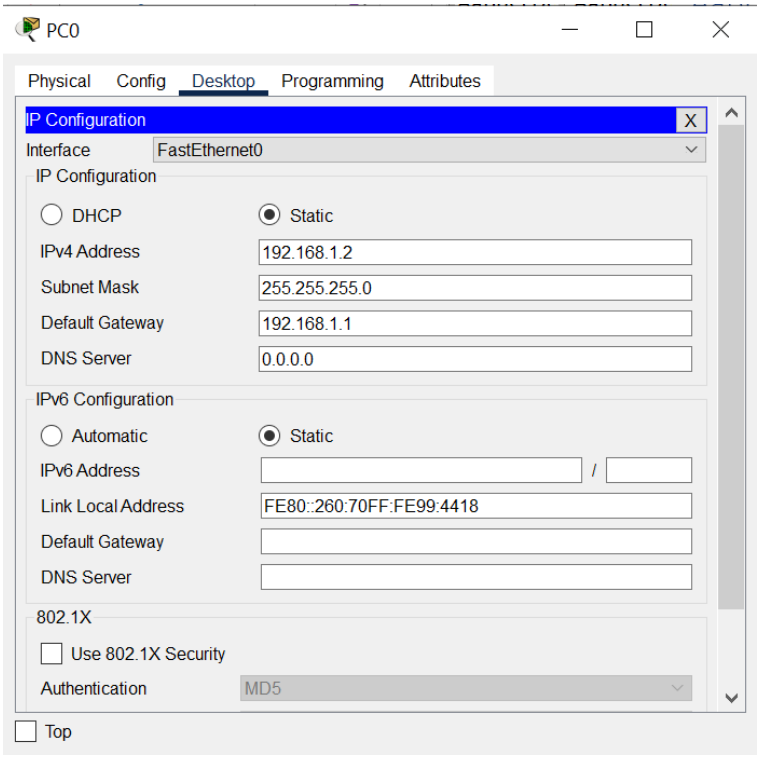
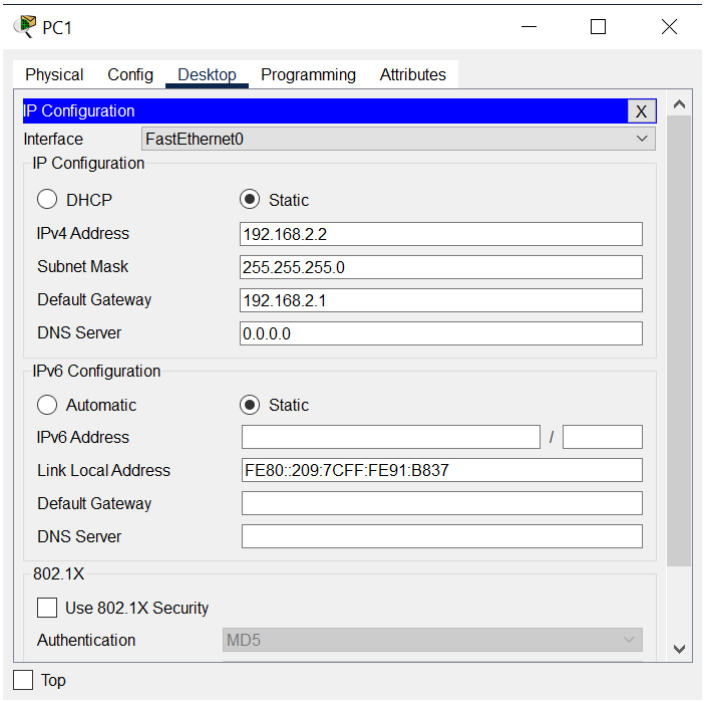
Topology:




PC0 Configuration:



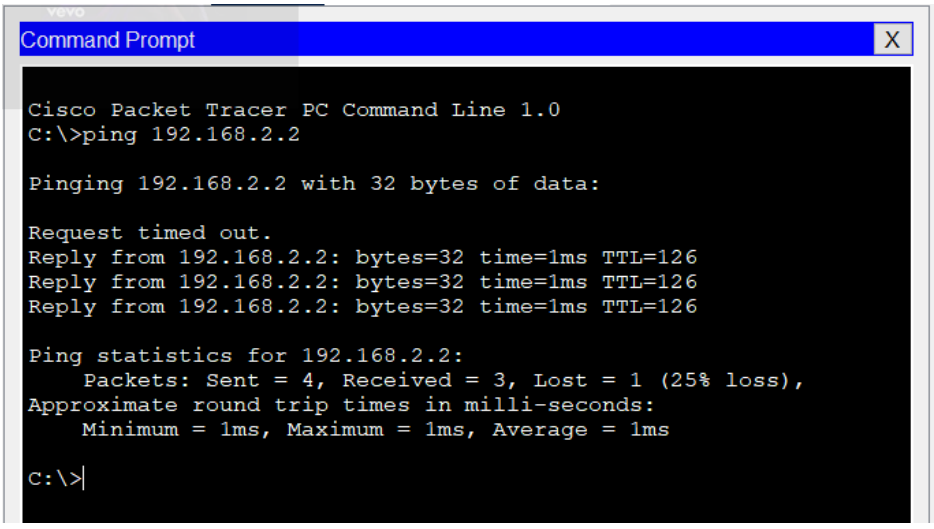
## PC1 Configuration:




## Router 1 Configuration:

```
R1>en
R1#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
R1(config)#host R1
R1(config)#int fa0/0
R1(config-if)#ip add 192.168.1.1 255.255.255.0
R1(config-if)#no shut

R1(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to
up

%LINEPROTO-5-UPDOWN: Line protocol on Interface
FastEthernet0/0, changed state to up

R1(config-if)#int se2/0
R1(config-if)#ip add 10.0.0.2 255.0.0.0
R1(config-if)#clock rate 64000
R1(config-if)#no shut

%LINK-5-CHANGED: Interface Serial2/0, changed state to down
R1(config-if)#router rip
R1(config-router)#net 10.0.0.0
R1(config-router)#int 192.168.1.0

R1(config-router)#net 192.168.1.0
R1(config-router)#
R1(config-router)#end
```

Router 2 Configuration:

```
Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#host R2
R2(config)#int fa0/0
R2(config-if)#ip add 192.168.2.1 255.255.255.0
R2(config-if)#no shut

R2(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to
up

%LINEPROTO-5-UPDOWN: Line protocol on Interface
FastEthernet0/0, changed state to up

R2(config-if)#int se2/0
R2(config-if)#ip add 10.0.0.3 255.0.0.0
R2(config-if)#no shut

R2(config-if)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to up

R2(config-if)#router
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0,
changed state to up

R2(config-router)#net 10.0.0.0
R2(config-router)#net 192.168.2.0
R2(config-router)#
R2(config-router)#end
```

Connection Establishment: