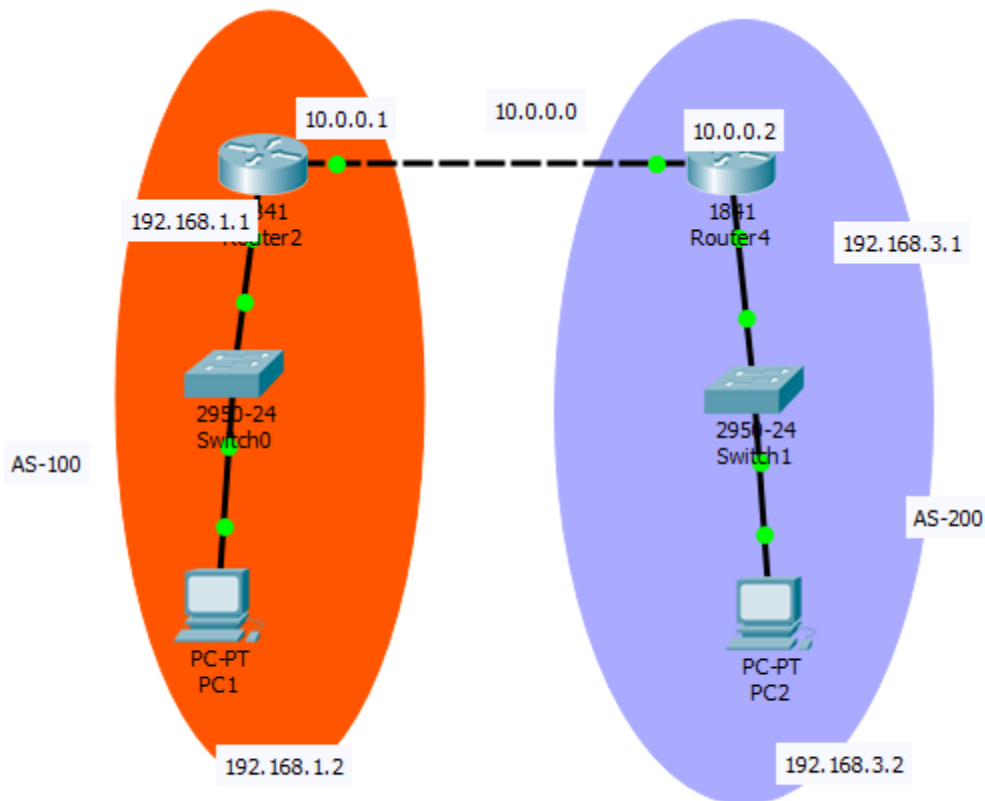## Practical 3:

1)BGP

Router 2:

Router#en
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#router bgp 100
Router(config-router)#network 192.168.1.0
Router(config-router)#network 10.0.0.0
Router(config-router)#neighbor 192.168.3.1 remote-as 200
Router(config-router)#neighbor 10.0.0.2 remote-as 200
Router(config-router)#exit
Router(config)#%BGP-5-ADJCHANGE: neighbor 10.0.0.2 Up

Router 3:

Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 192.168.3.1 255.255.255.0
Router(config-if)#ip address 192.168.3.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed
state to up
ip address 10.0.0.2 255.0.0.0
Router(config-if)#ip address 10.0.0.2 255.0.0.0
Router(config-if)#exit
Router(config)#router bgp 200
Router(config-router)#network 192.168.3.0
Router(config-router)#network 10.0.0.0
Router(config-router)#neighbor 192.168.1.1 remote-as 100
Router(config-router)#neighbor 10.0.0.1 remote-as 100
Router(config-router)#%BGP-5-ADJCHANGE: neighbor 10.0.0.1 Up