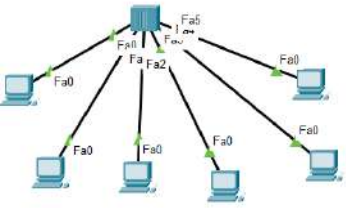
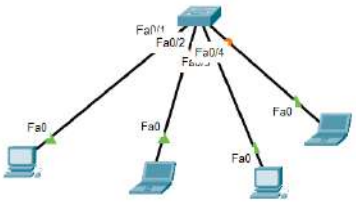
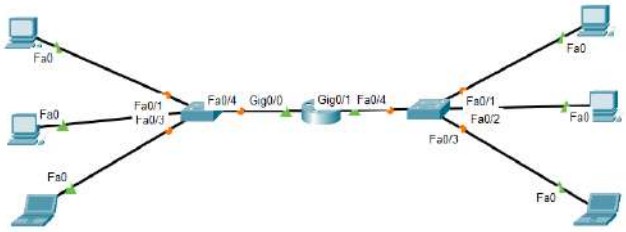
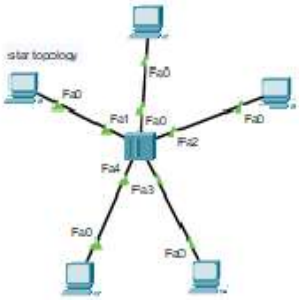
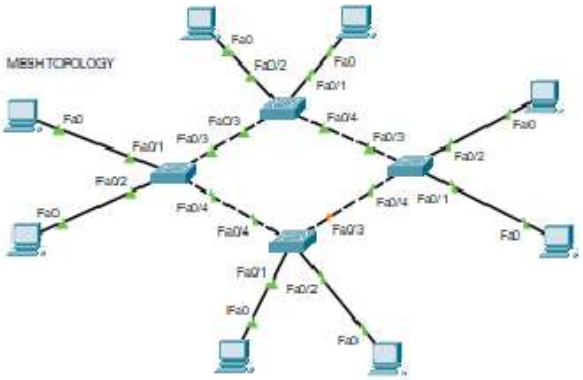
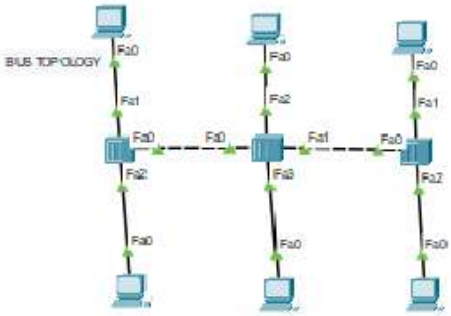

Fa0
Fa0
Fa0
Fa0
Fa0
Fa0

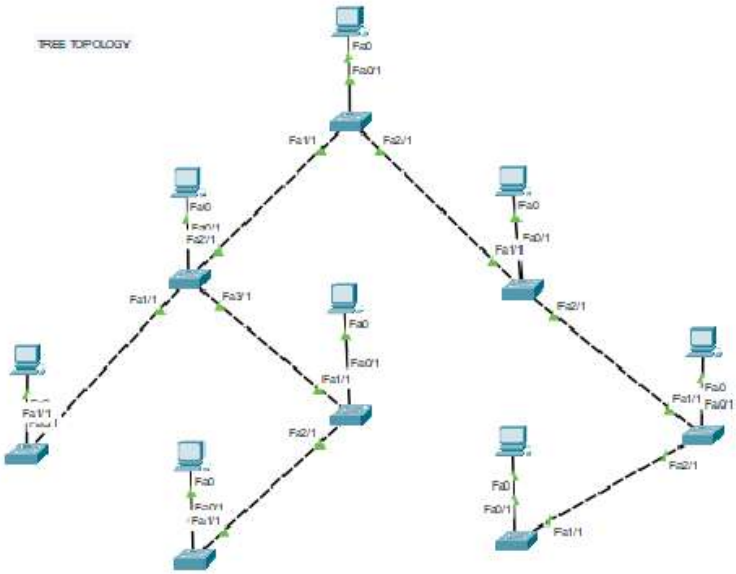

Fa0/2
Fa0/4
Fa0
Fa0
Fa0
Fa0

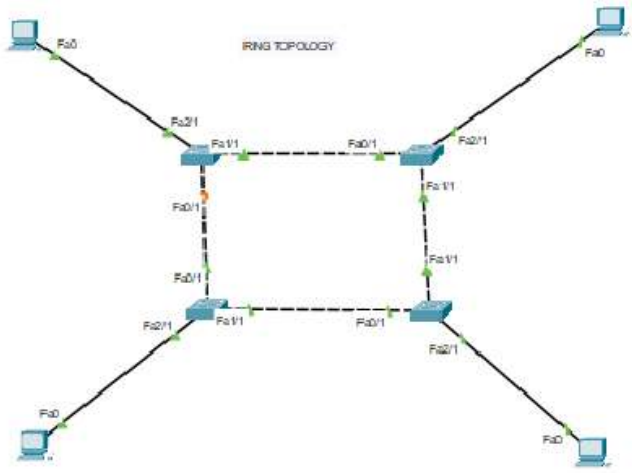

Fa0
Fa0
Fa0
Fa0/1
Fa0/3
Fa0/4
Gig0/0
Gig0/1
Fa0/4
Fa0/1
Fa0/2
Fa0/3
Fa0
Fa0
Fa0

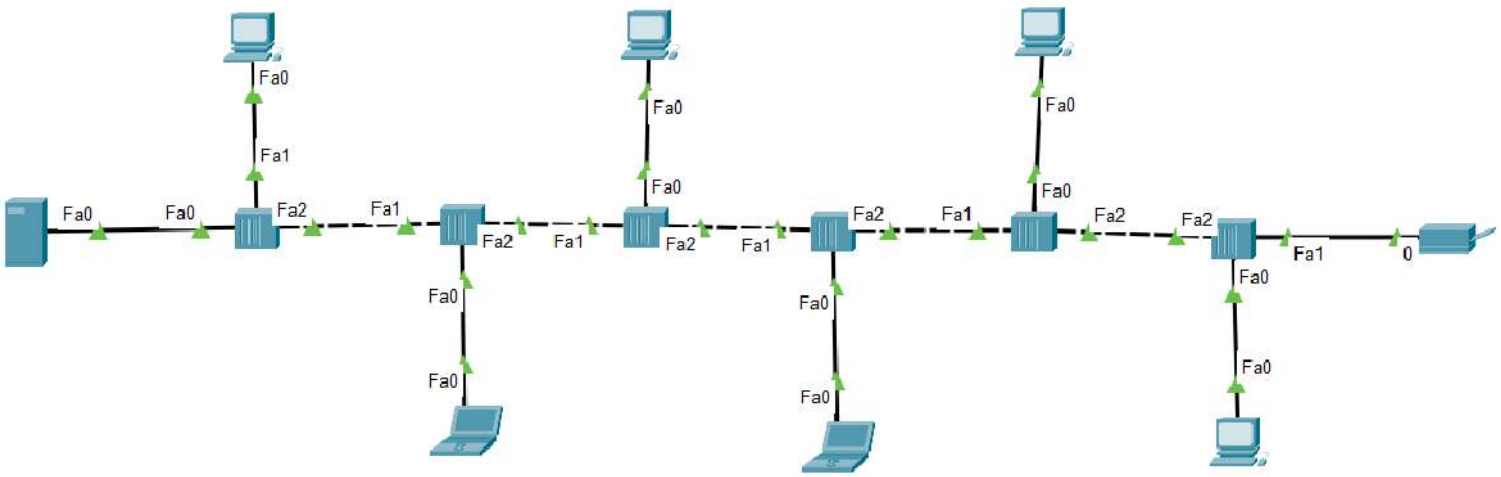

star topology
Fa0
Fa1
Fa0
Fa2
Fa4
Fa3
Fa0
Fa0


MESH TOPOLOGY
Fa0
Fa0/2
Fa0
Fa0/1
Fa0/3
Fa0/4
Fa0/3
Fa0
Fa0
Fa0/1
Fa0/3
Fa0/2
Fa0/2
Fa0/4
Fa0/4
Fa0/1
Fa0
Fa0/4
Fa0/3
Fa0
Fa0/1
Fa0/2
IFa0
Fa0

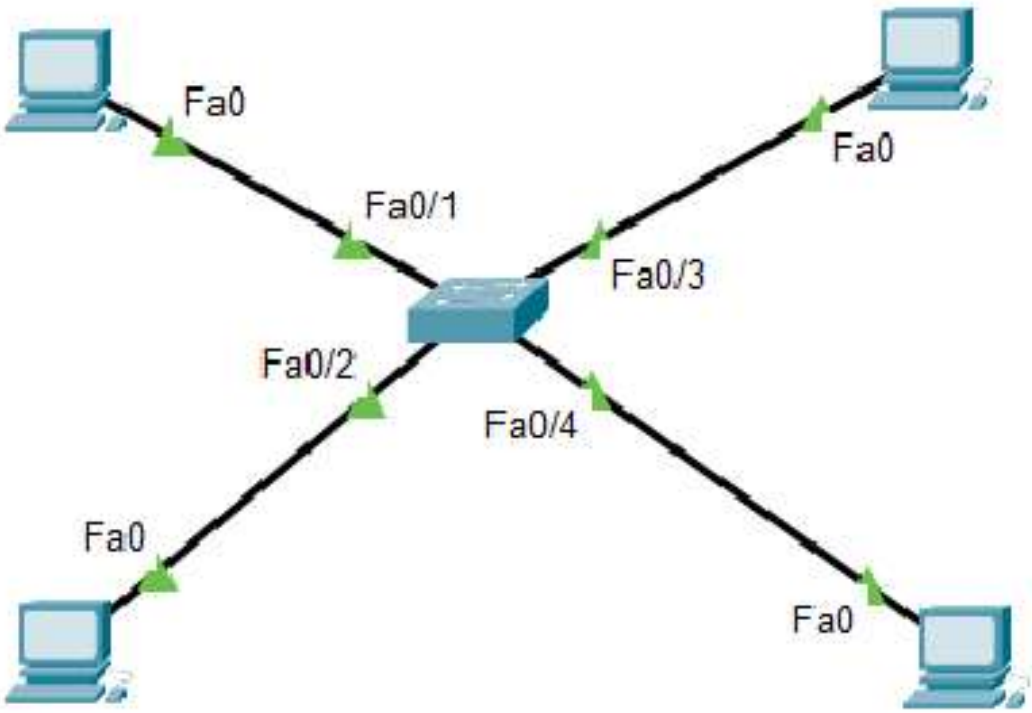

BUS TOPOLOGY
Fa0
Fa0
Fa0
Fa1
Fa2
Fa1
Fa0
Fa0
Fa1
Fa0
Fa2
Fa2
Fa0
Fa0
Fa0
Fa0
Fa1
Fa2
Fa0


TREE TOPOLOGY
Fa0
Fa0/1
Fa1/1
Fa2/1
Fa3/1


RING TOPOLOGY
Fa0
Fa2/1
Fa1/1
Fa0/1

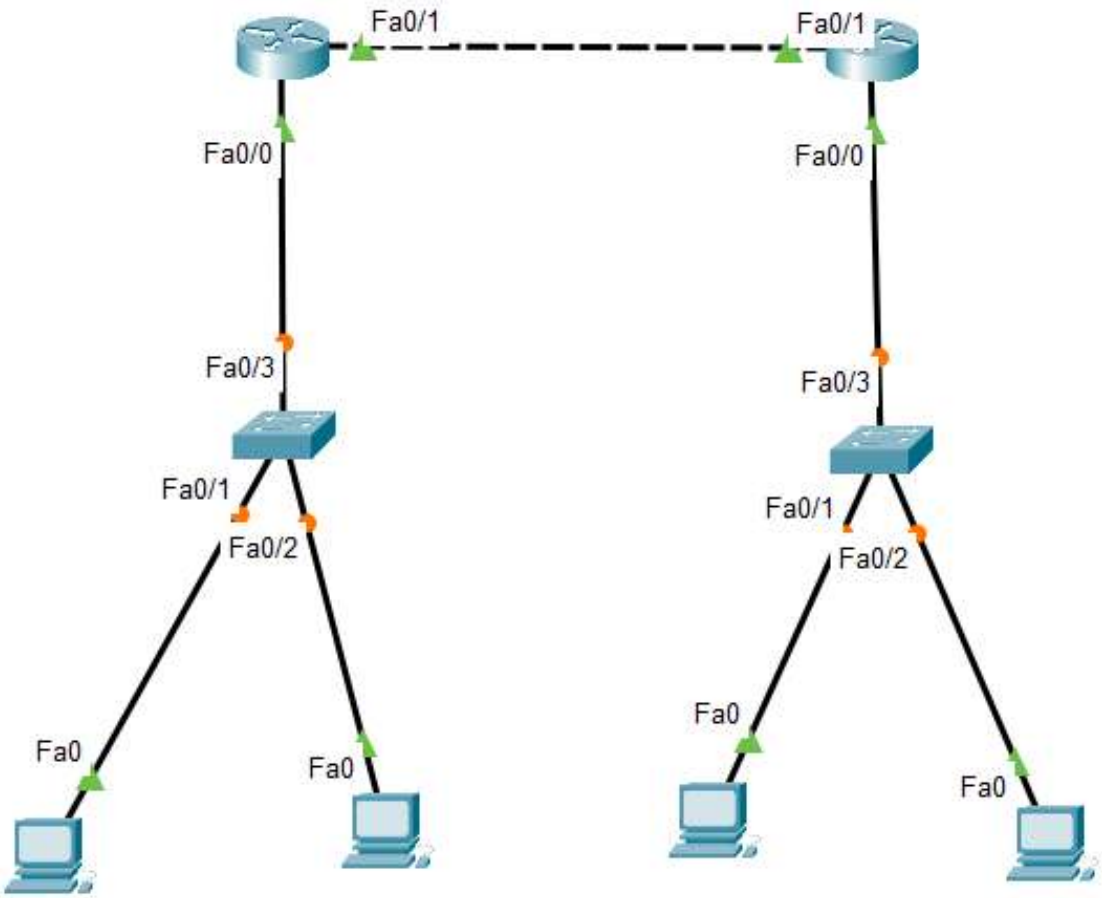

Fa0
Fa1
Fa0
Fa0
Fa2
Fa1
Fa2
Fa1
Fa0
Fa0
Fa0
Fa0
Fa2
Fa1
Fa0
Fa0
Fa2
Fa1
Fa0
Fa0
Fa2
Fa2
Fa1
0

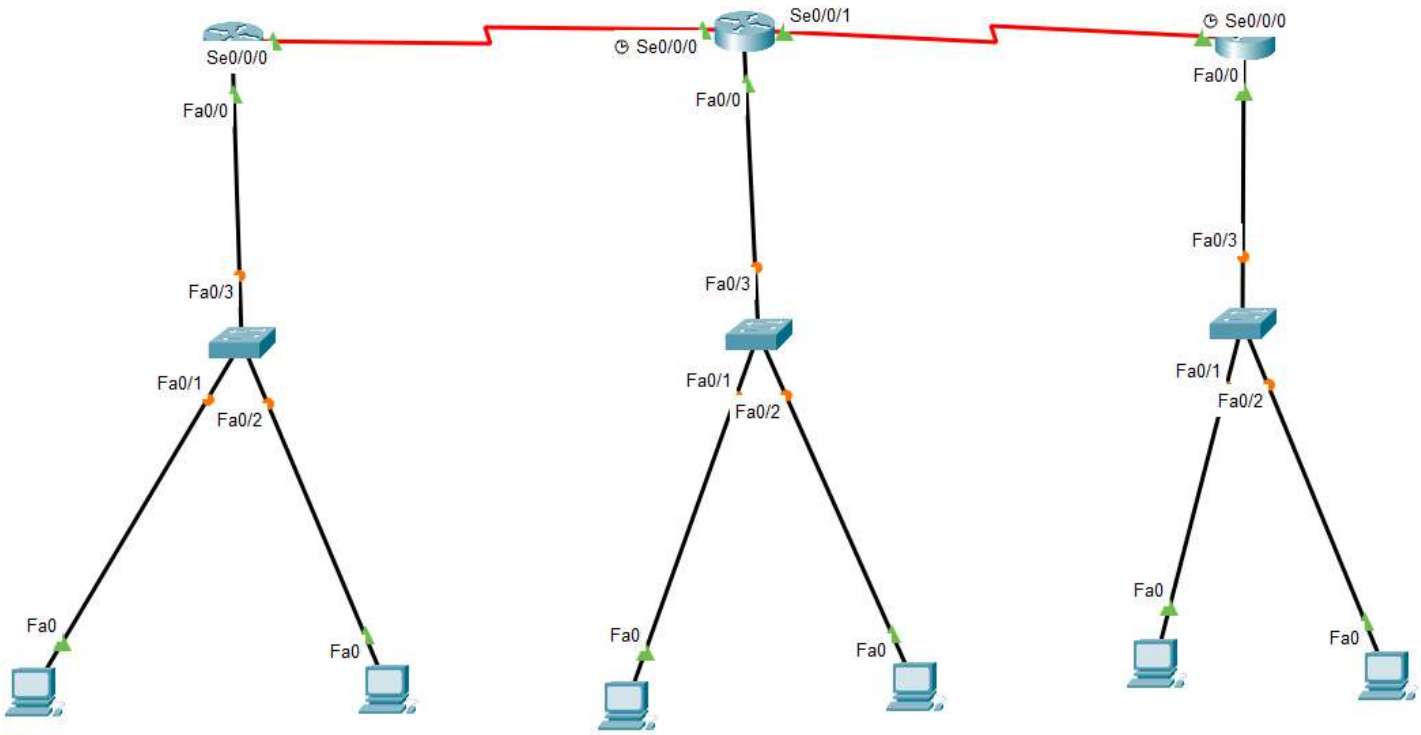
csma-cd



ARP

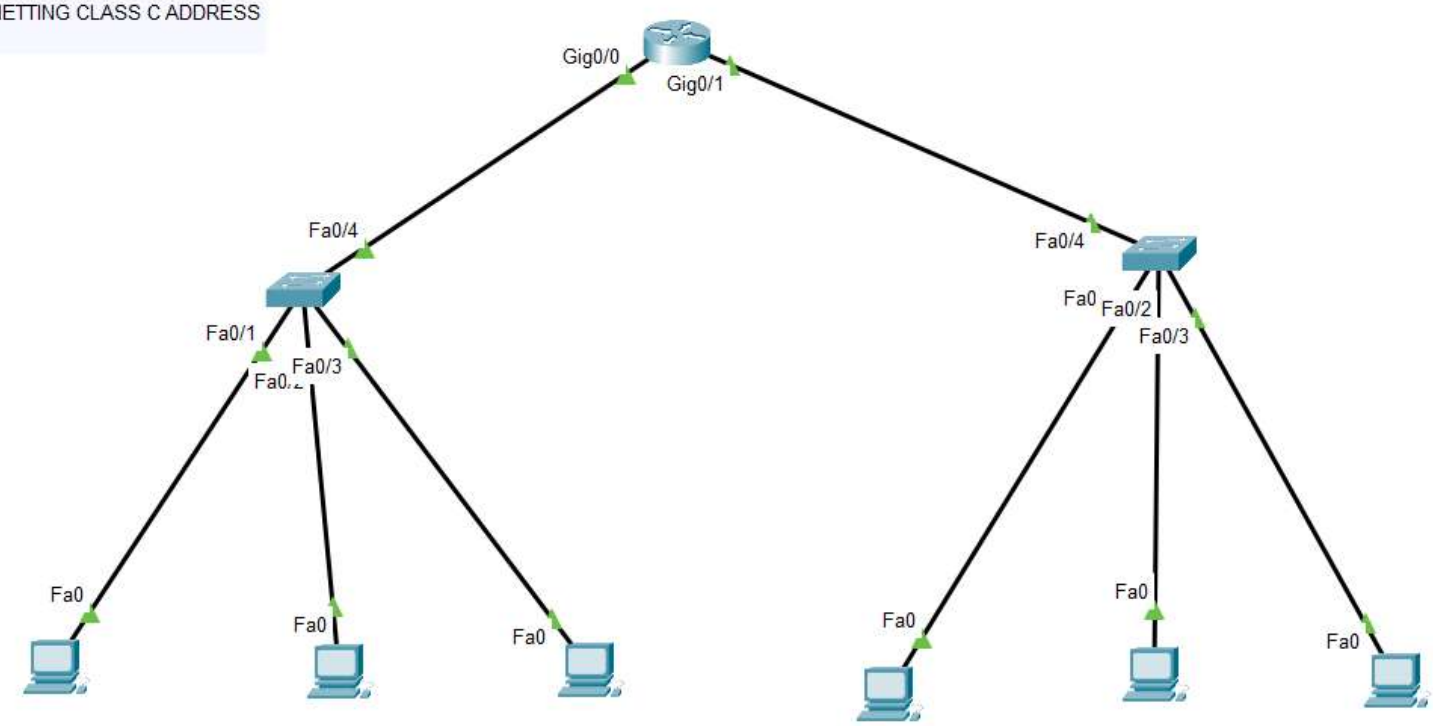
STATIC ROUTING



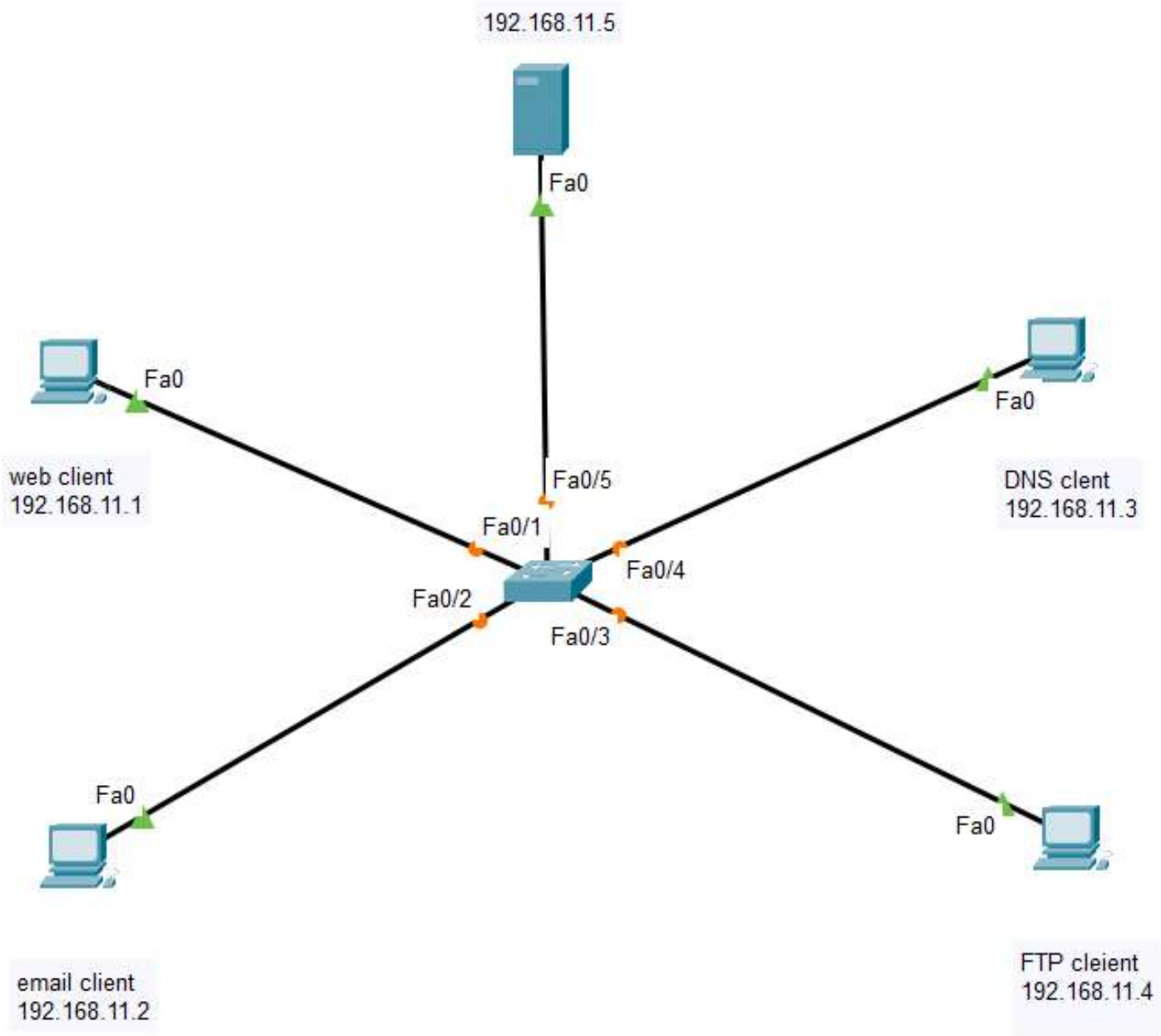


DYNAMIC ROUTING

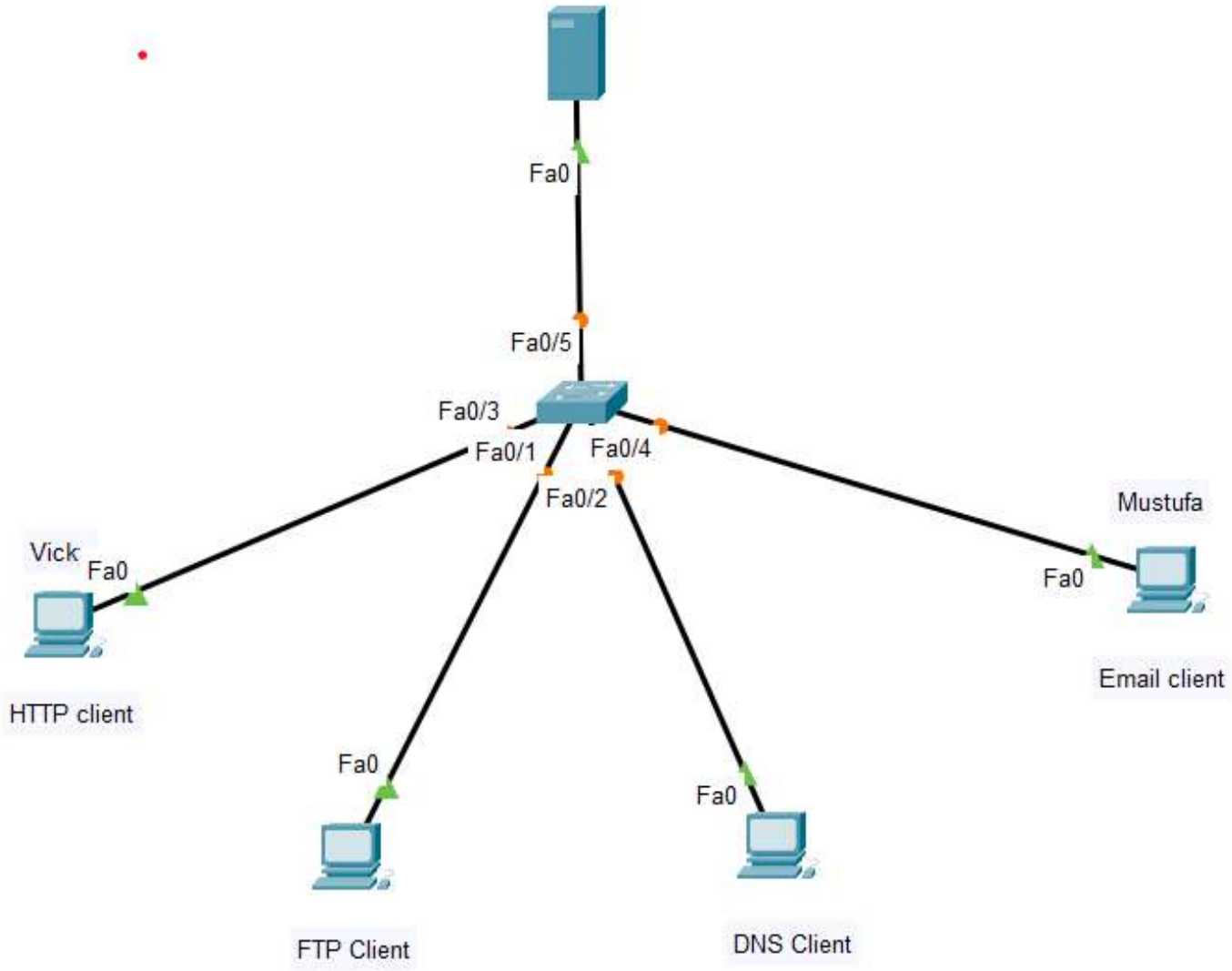
SUB NETTING CLASS C ADDRESS



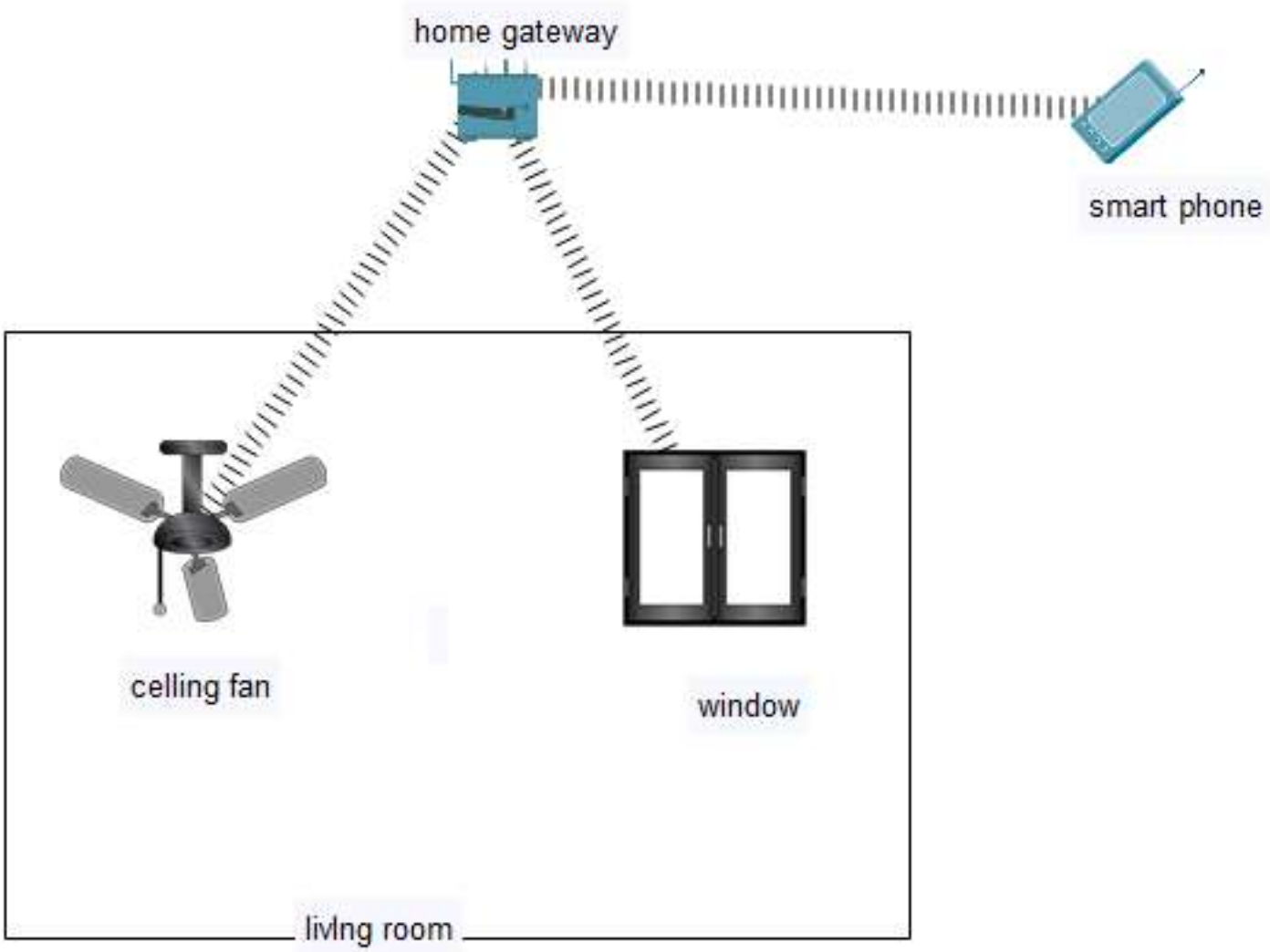
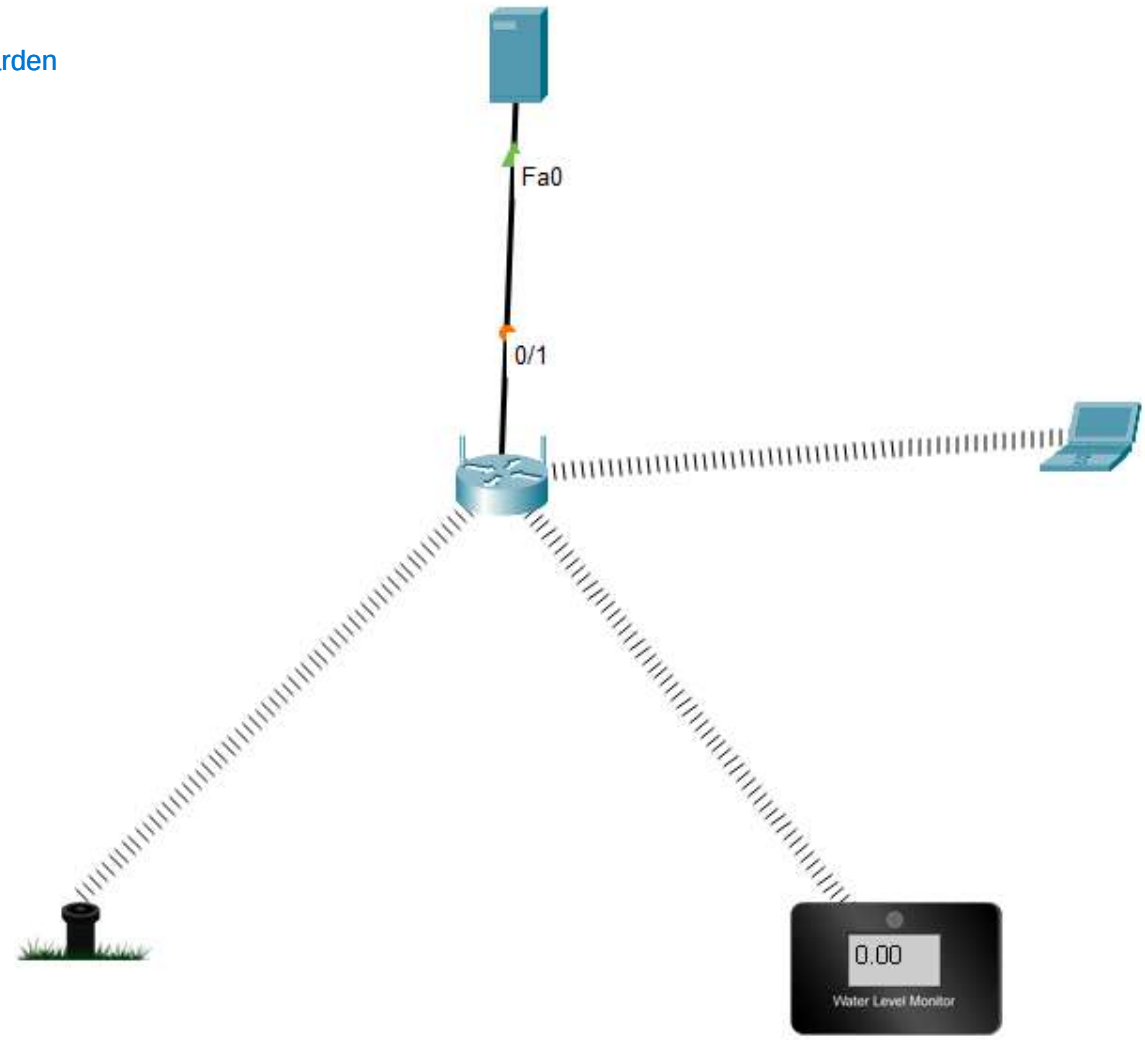
9. Functionalities of TCP, UDP



10. TCP, UDP


Fa0
Fa0/5
Fa0/3
Fa0/1
Fa0/4
Fa0/2
Vick
Fa0
HTTP client
Mustufa
Fa0
Email client
Fa0
FTP Client
Fa0
DNS Client

11. IOT Based Smart Home



12. Smart Garden