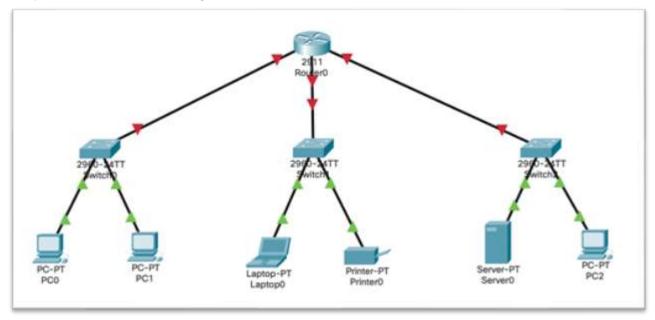
## **CN Assignment - 10**

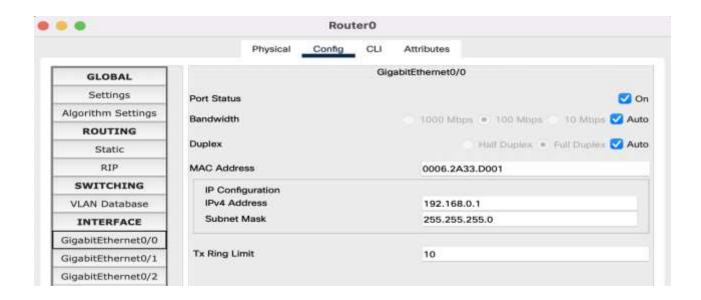
## NAME: SOURABH PATEL ADMISSION NO: U19CS082

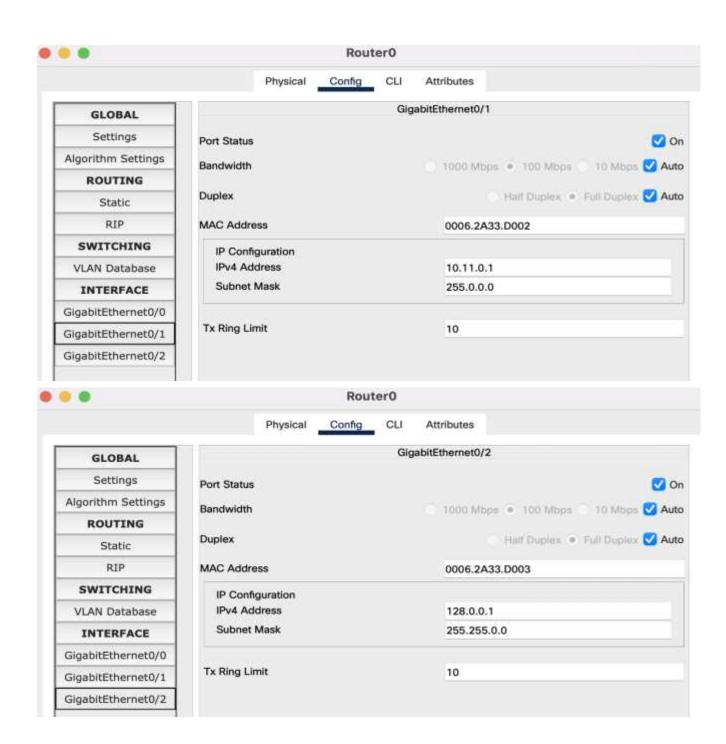
Manual:

Firstly, we made the following circuit.



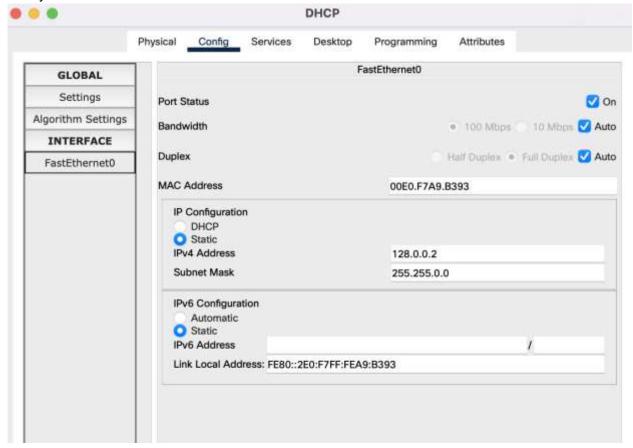
We have used 5 PCs,1 laptop,1 server,3 2960 switches, and 1 ISRA4331 router. Configure the routers' interfaces including all the default gateways and IPv4s by clicking on the router icon -> Config -> GigaBitEthernet 0/0/0 (left menu) -> type in the following...



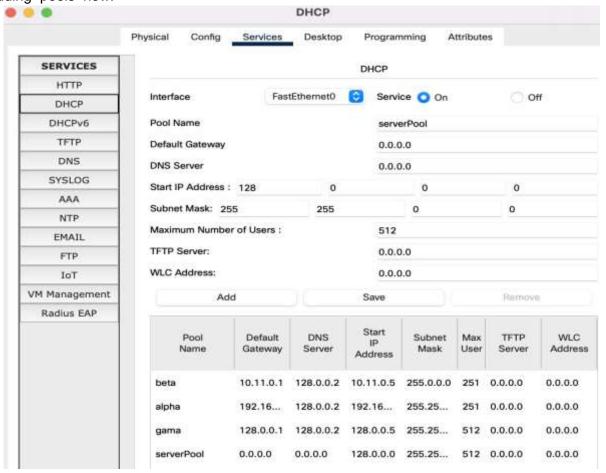


Configure the Server.

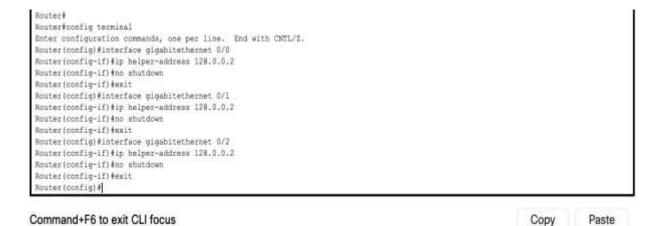
Change the name of the server to DHCP by clicking on the icon -> Config -> change it to DHCP, then go to fastethernet0 in interfaces (from the left m enu) to add default gateway and IPv4 for it as follows.



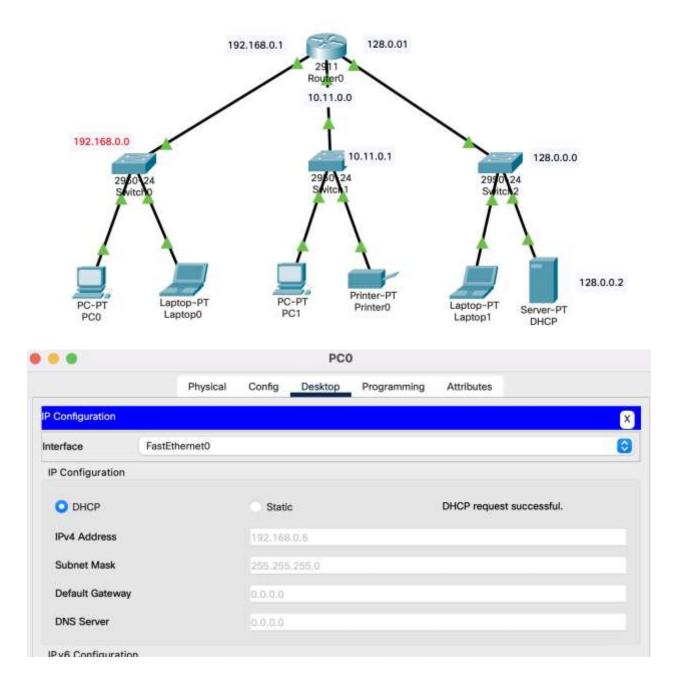
Configure the DHCPs ervices and add three different pools for three different networks by clicking on the icon -> Services -> DHCP (from the left menu) Start adding pools now.



Assign IP helper-address for all gigabit Ethernet ports in the router by clicking the router icon -> CLI.



All the connections and configuration of the network are now complete. It is ready to be used.



Similarly, other devices get IP addresses.