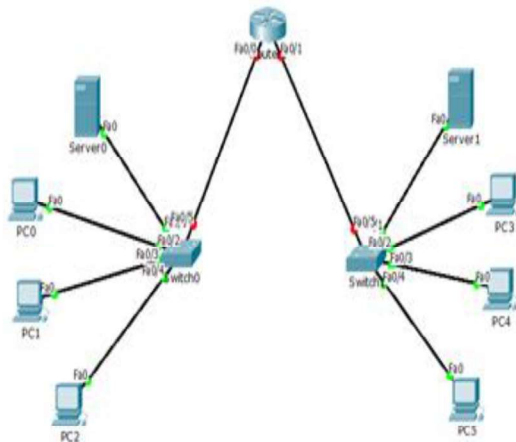


## 2. Building and configuring wired topology with two different networks [ using DHCP ].



### Configuration command

#### At Router

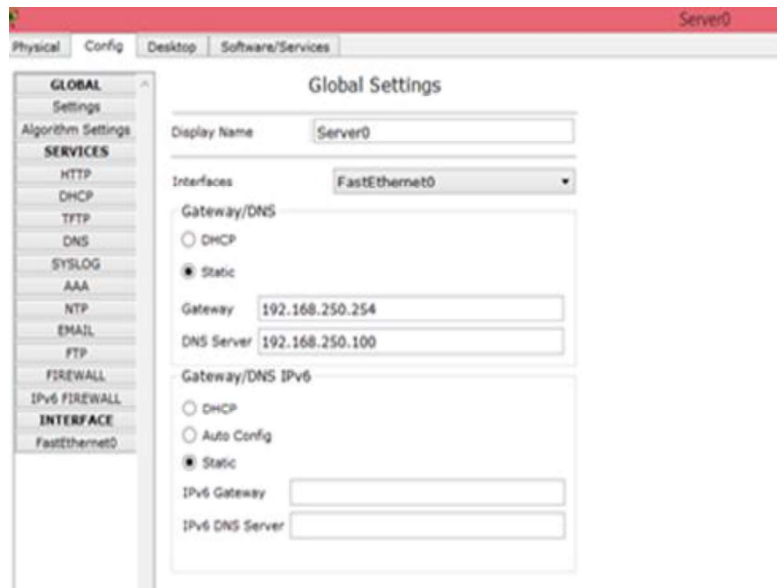
Click on router and go to CLI Tab.

```
Router>
Router>enable
Router# config terminal
Router(config)# int fa0/0
Router(config-if)# ip address 192.168.250.254 255.255.255.0
Router(config-if)# no shut
Router(config-if)#exit
Router(config)# int fa0/1
Router(config-if)# ip address 192.168.251.254 255.255.255.0
Router(config-if)# no shut
Router(config-if)# exit
Router(config)#exit
Router#exit
Close the window
```

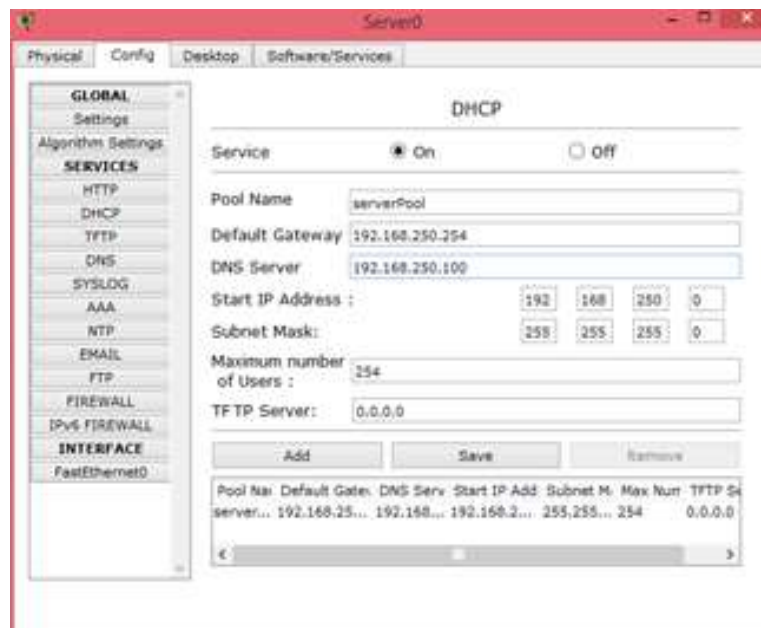
#### At Server 0

##### 1) Select config Tab :

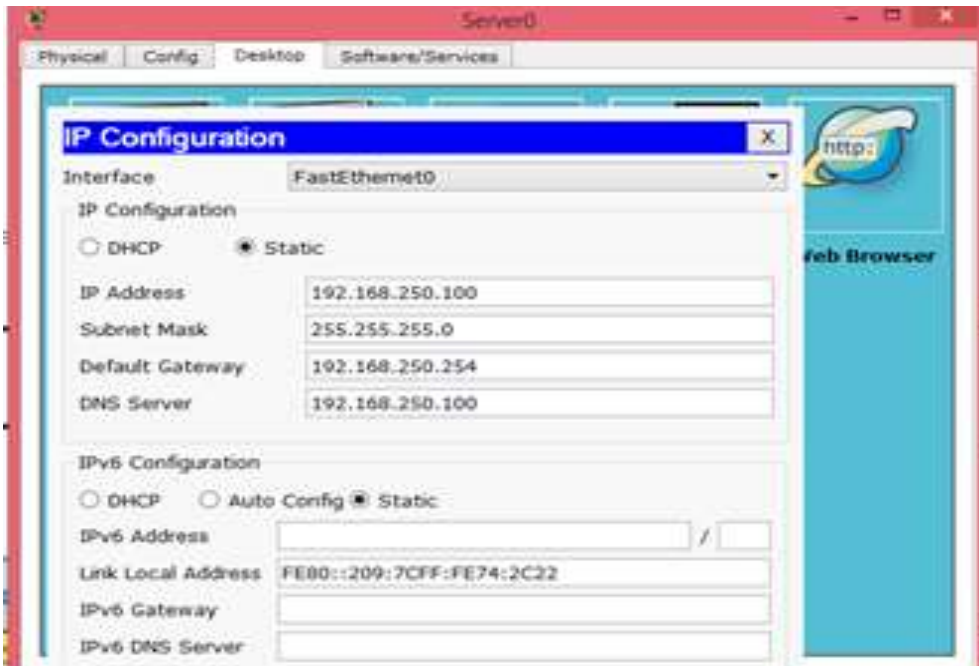
- i) Assign gateway IP address as 192.168.250.254
- ii) Assign DNS Server as 192.168.250.100



2) In Config/Services Tab select DHCP and configure as shown :

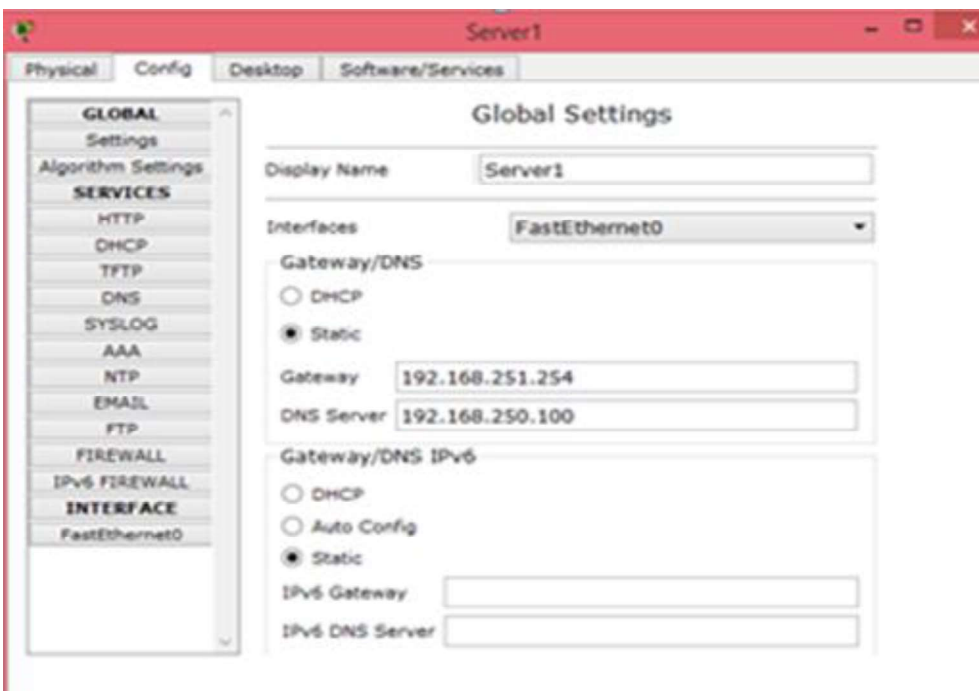


- 3) At server 0 in Desktop Tab select IP configuration and assign static IP address to DHCP Server as shown below

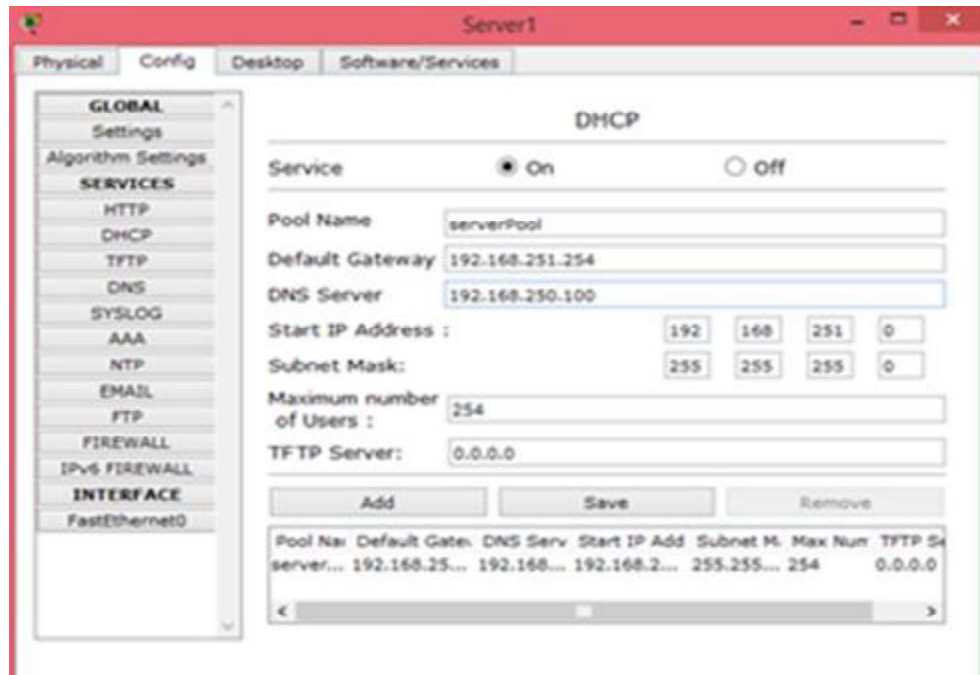


At SERVER 1

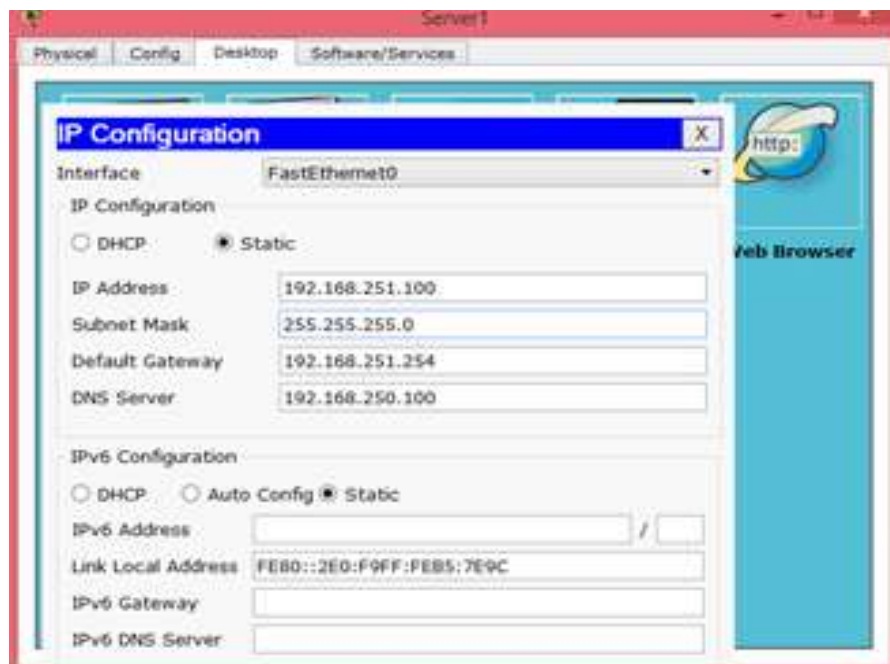
- 1) Select config Tab and assign IP address as shown below-



2) In Config/Services Tab select DHCP and configure as shown :



3) At server 1 in Desktop Tab select IP configuration and assign static IP address to DHCP Server as shown below-



To check node connectivity :

- 1) Ping PC3 from PC1  
At PC1 :: ping 192.168.251.254