DHCP:

To give IP address to devices.

Router setup :

enable

config t

hostname R1

int fa 0/0

ip address 200.1.1.254 255.255.255.0

no sh

exit

Router as DHCP:

config t

ip dhcp pool A   (A is just a name)

network 200.1.1.0 255.255.255.0   (0 to 255 range to share ips)

dedult-router 200.1.1.254 (gateway, jis interface par ya ip hai ussay is subnet mask mai sai IP dena)
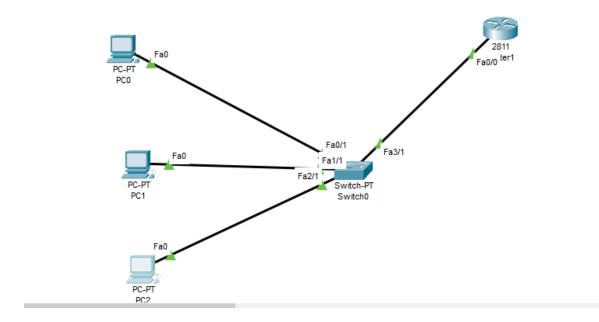
dns-server 8.8.8.8

exit

Exclude IPs:

config t

ip dhcp excluded-address 200.1.1.240 200.1.1.254 (ya ip range sai nikal kar humnay reserve kiya hain)

IP Configurations on PC:

ip configuration

dhcp→static

static←dhcp