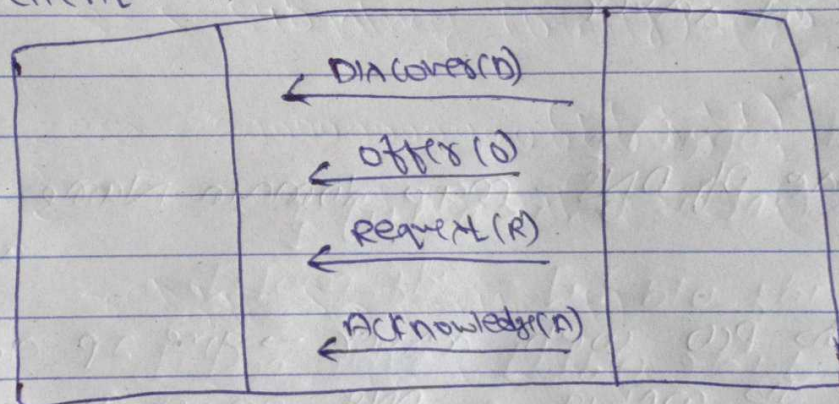# DHCP within lab

• DHCP uses UDP as transport layer protocol we make server as DHCP server so that all end devices dynamically get IP address.

Outcomes
• We learnt to make DHCP server
• How to dynamically assign IP address to end devices
• DHCP DORA process stand for following messages between client and server.

Discover (D)
Offer (O)
Request (R)
Acknowledge (A)

DHCP   DHCP
Server   Client

message flow b/w DHCP client

We configured the server but the start, end range, now of uses after learning DNS on the DHCP see that IP address in configured.