EXPERIMENT - 6
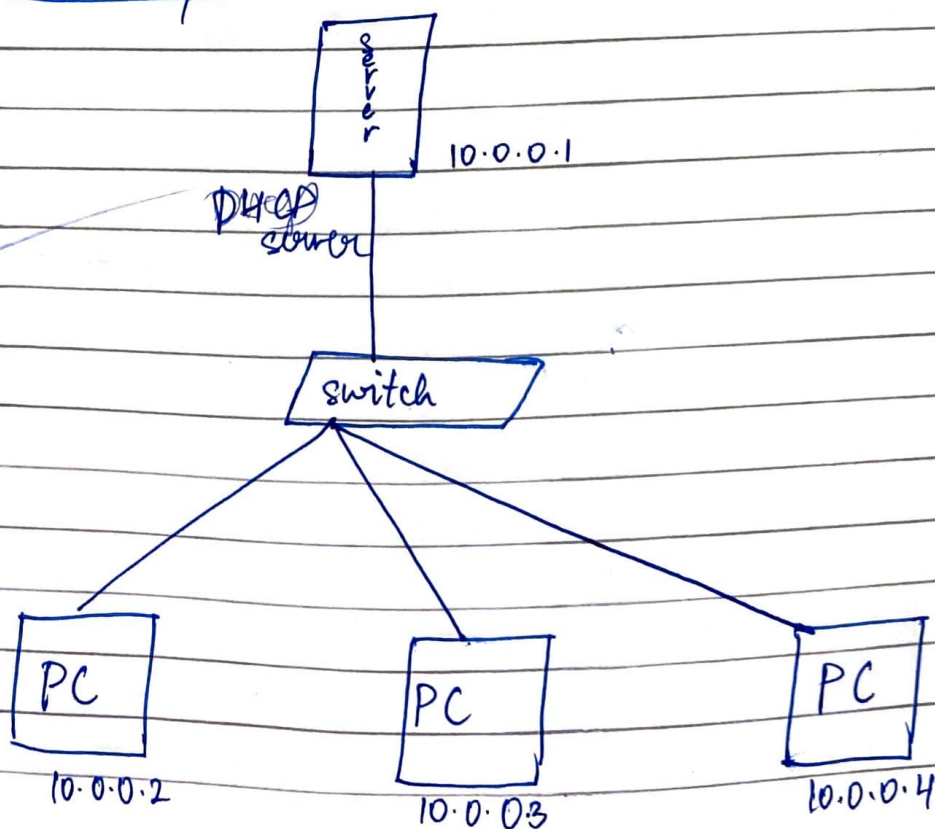
AIM: Configuring DHCP Server

PROCEDURE :

* Select three PC's and server from end devices.

* Select switch and connect them.

* Configure IP address of server as 10.0.0.1 In server, go to services and choose DHCP and set it to "on". Then set the start ip address as 10.0.0.1 and click on save.

* To configure PC's, select DHCP in ip cofigurations.

TOPOLOGY :

Server 10.0.0.1

DHCP server

switch

PC 10.0.0.2

PC 10.0.03

PC 10.0.0.4

OBSERVATION :

Once the DHCP configuration is made the IP address of the PC's is dynamically set. The IP address of PC's starts from the starting IP address of the server.

RESULT :

DHCP is a client/server protocol that automatically provides an IP host with its IP address and other related configuration info such as the subnet mask and default gateway.