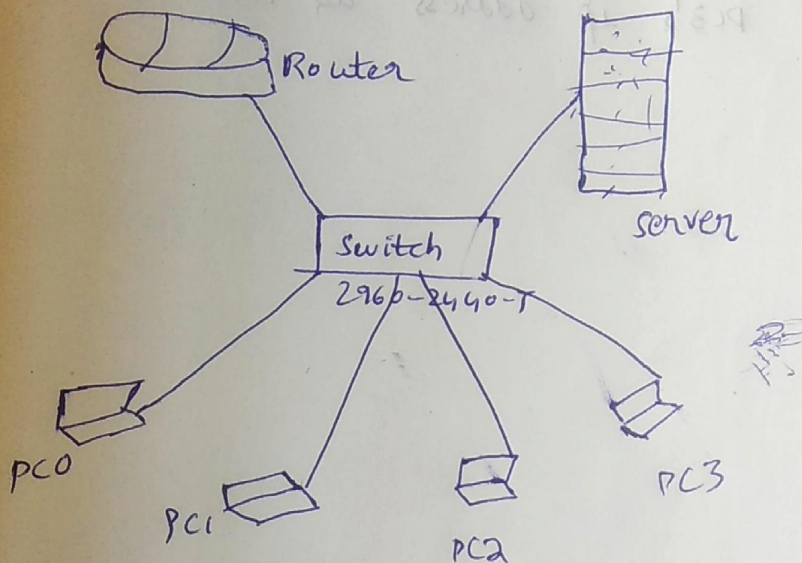


Asst

Dynamic Host Configuration protocolM.K GaganRashan
IBM18CS049

Aim :- To assign IP addresses to PC's dynamically using DHCP

Circuit :-



learning outcomes :-

DHCP is an protocol which assigns IP's addresses to network devices upon request. DHCP operations fall into four phases: server discovery, IP lease offer, IP lease request and IP lease acknowledgment. These stages are often abbreviated as DORA for discovery, offer, request and acknowledgement. The DHCP operation begins with clients broadcasting a request.

Output:-

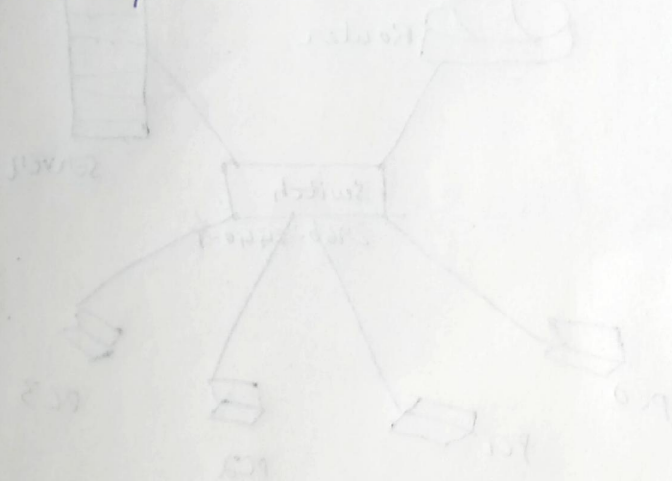
The server in the connection assigns IP addresses to the PC's which are connected to the switch.

DHCP assigns PC0's ip address as 10.0.0.10

PC1's ip address as 10.0.0.11

PC2's ip address as 10.0.0.12

PC3's ip address as 10.0.0.13



Learning outcome:-

DHCP is a protocol which assigns IP addresses to network devices upon request. DHCP operation fall into four phases: server discovery, IP lease offer, IP lease request and IP lease acknowledgment. These stages are often abbreviated as DORA for discovery, offer, request and acknowledgment. The DHCP operation begins with clients broadcasting a request.