

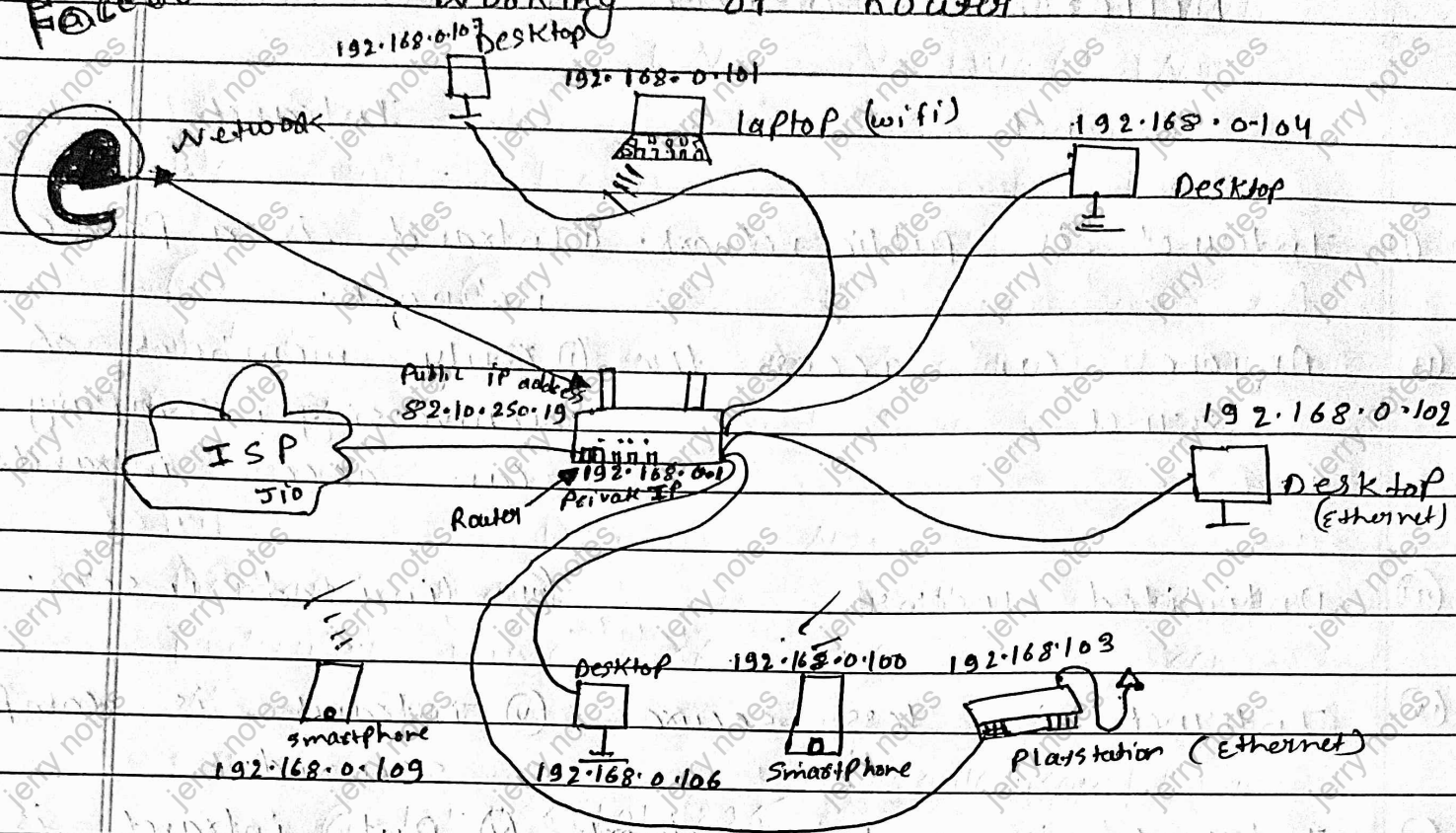
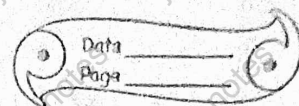
Public IP
8.8.8.8

CHAPTER - 05

Facebook

Working

of Router

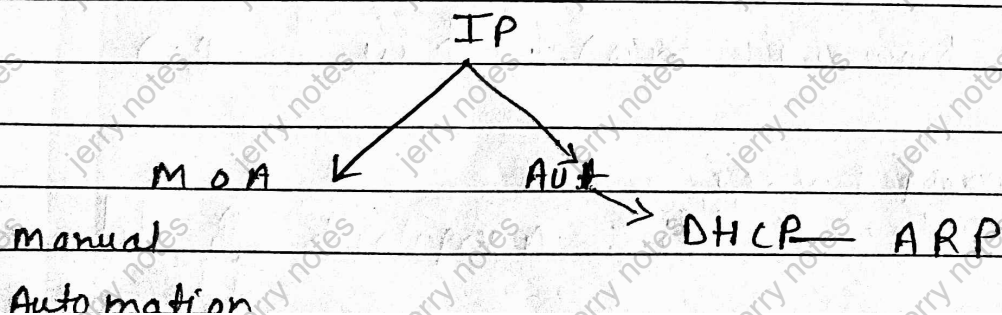


* All the internet devices have IP, mac addresses and a local host IP.

* Local host IP is 127.0.0.1 all devices have same

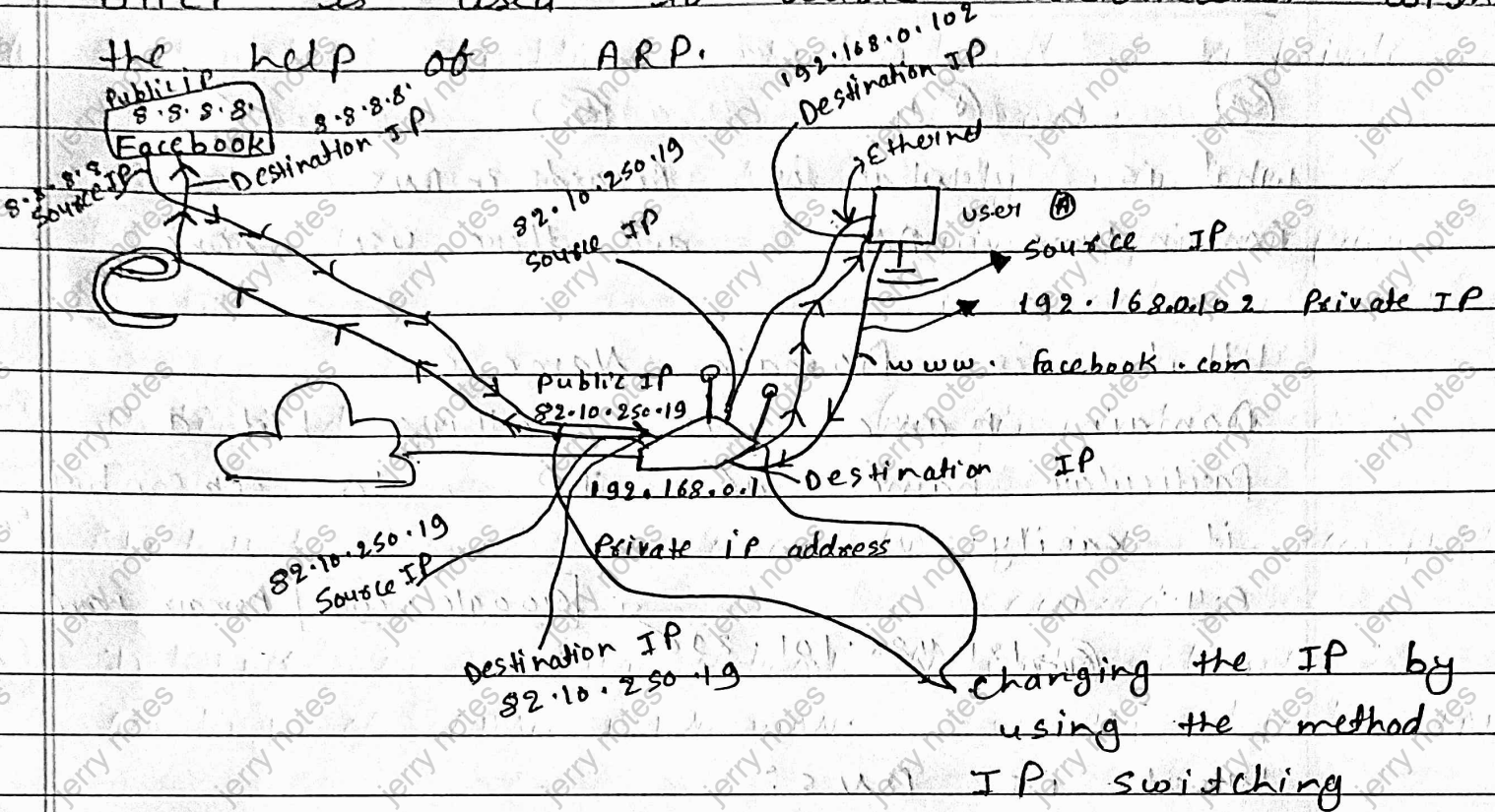
* It is not sharable only device will know its host IP.

H. HOW IP addresses allotted to systems



DHCP Dynamic Host Configuration Protocol
ARP Address Resolution Protocol

DHCP is used to automate with the help of ARP.



IP Switching

IP switching is a technique where the Destination IP will change into Source IP and Source IP will be changed into destination IP.

Public \longleftrightarrow Public Private \longleftrightarrow Private

Public \nleftrightarrow Private = never

SIP - Source Internet Protocol
DIP - Destination Internet Protocol