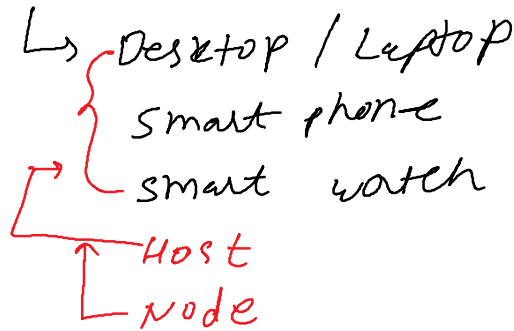


# Computer Network



⇒ Desktop APP  
web APP  
mob APP

Network :-



Network

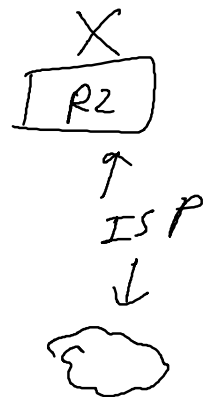
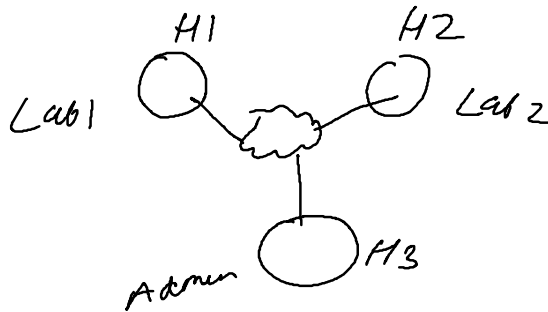


1. Intranet :-

2. Internet :- Network of Network

networking

- device {
- Routers
  - switches
  - mac Add
  - IP Add
  - HUB
  - ISP



protocol :- Set of rules

- HTTP / HTTPS
- TCP / UDP
- FTP
- DNS
- (Secure)

— Telnet

— URL  $\Rightarrow$  https://amazon.in

— Browser  $\Rightarrow$

— email client  $\Rightarrow$

— whatsapp  $\Rightarrow$

— Remote access  $\Rightarrow$

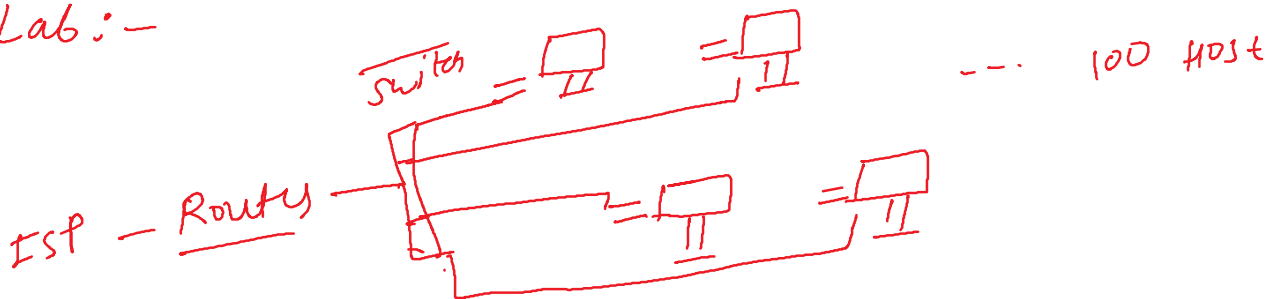
$\rightarrow$  Cyber security

$\rightarrow$  Information security  $\rightarrow$  encryption / decryption

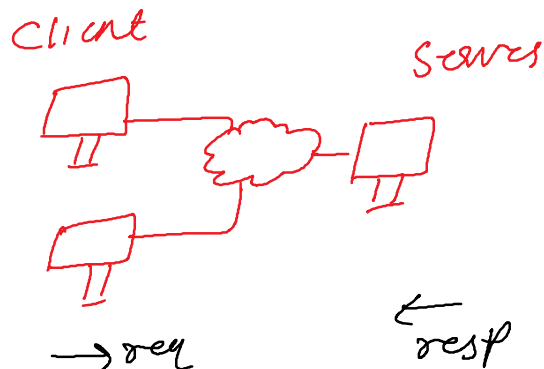
$\rightarrow$  Goal of Network :-

$\rightarrow$  Computer network :-

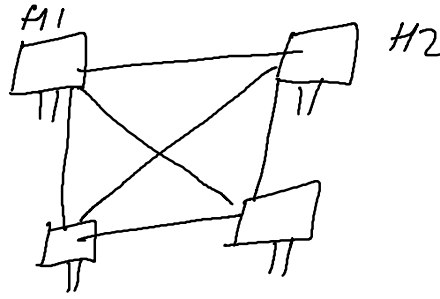
Lab :-



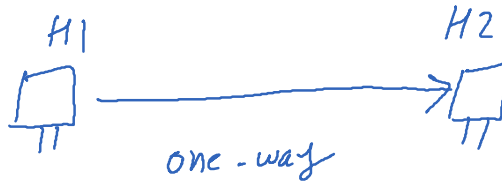
Client-Servers :-



peer-to-peer :-  
(Blockchain)

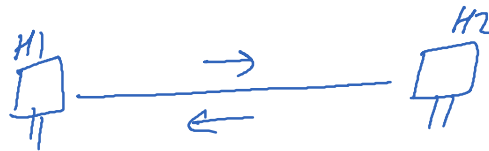


Simplex :-



- Radio  
- TV

Half-Duplex :-



- Walkie-talkie

Full-Duplex :-



- Voice-Call