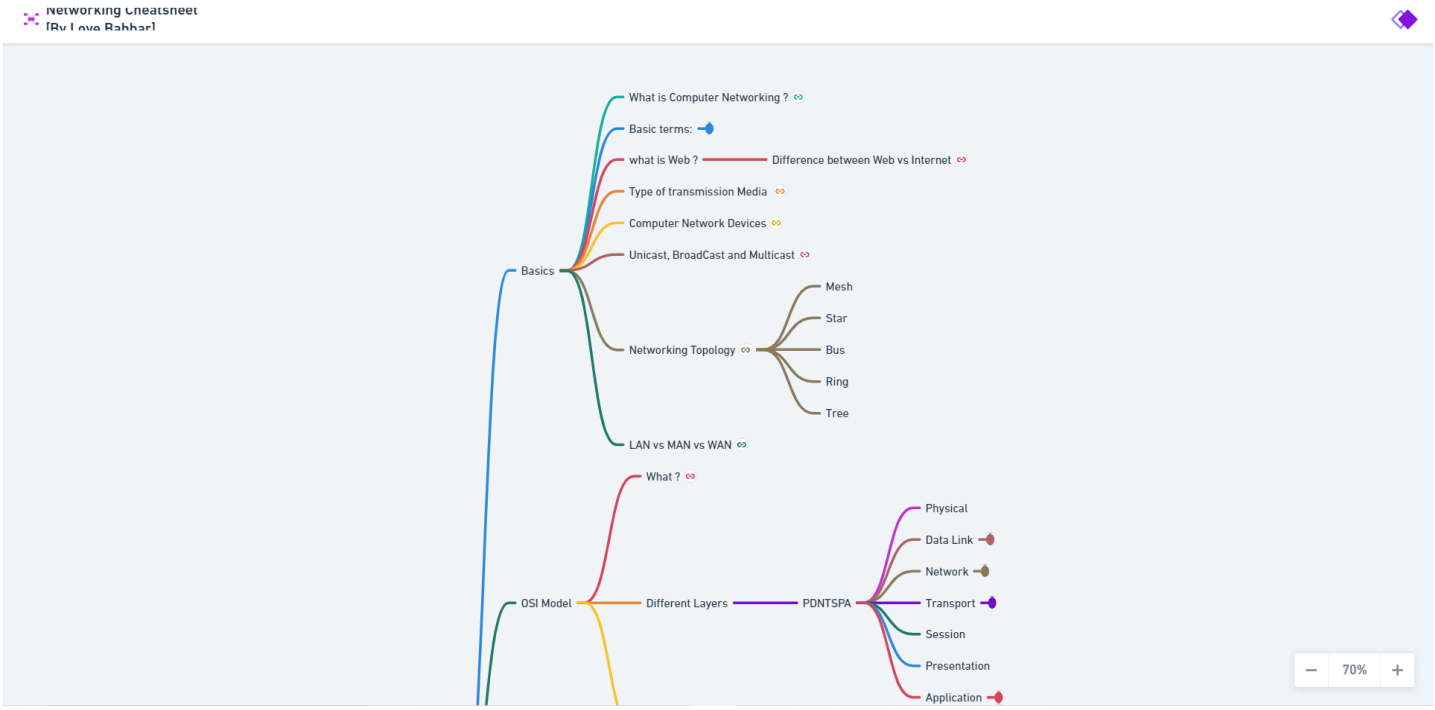
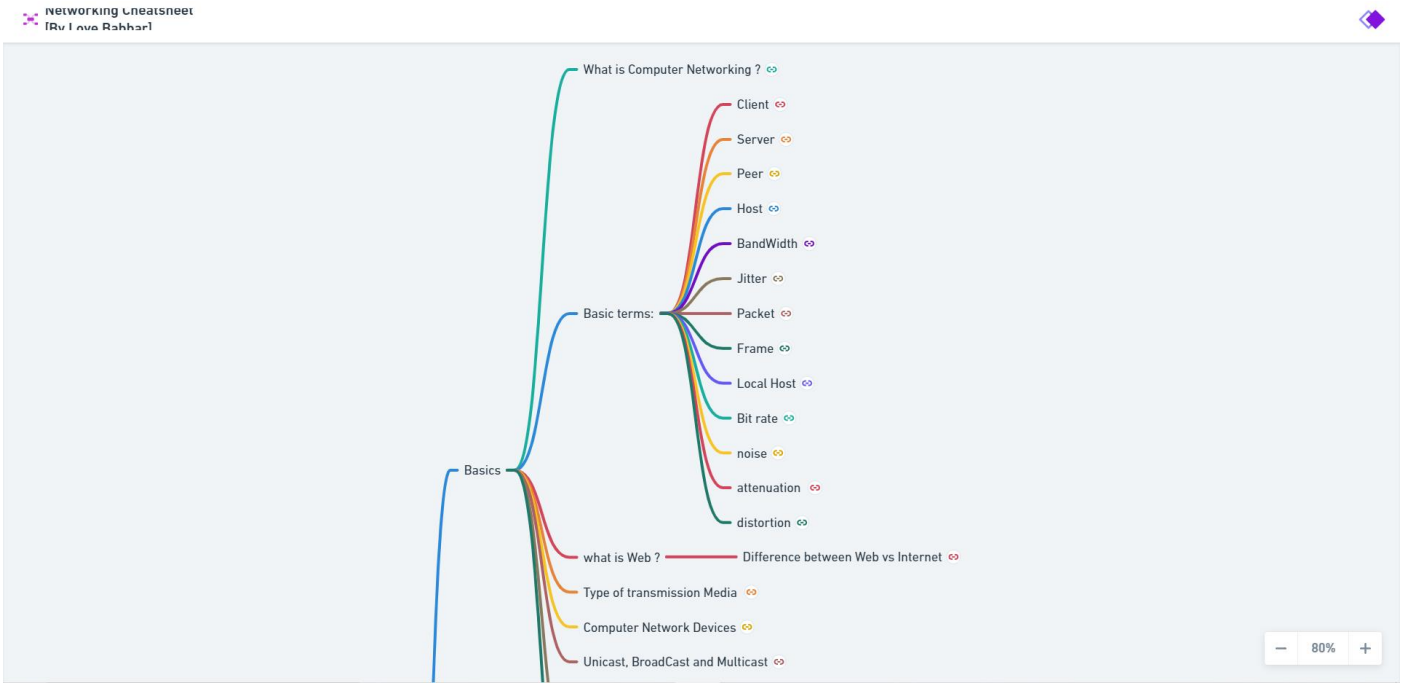
Networking CheetSheet by Love Babbar

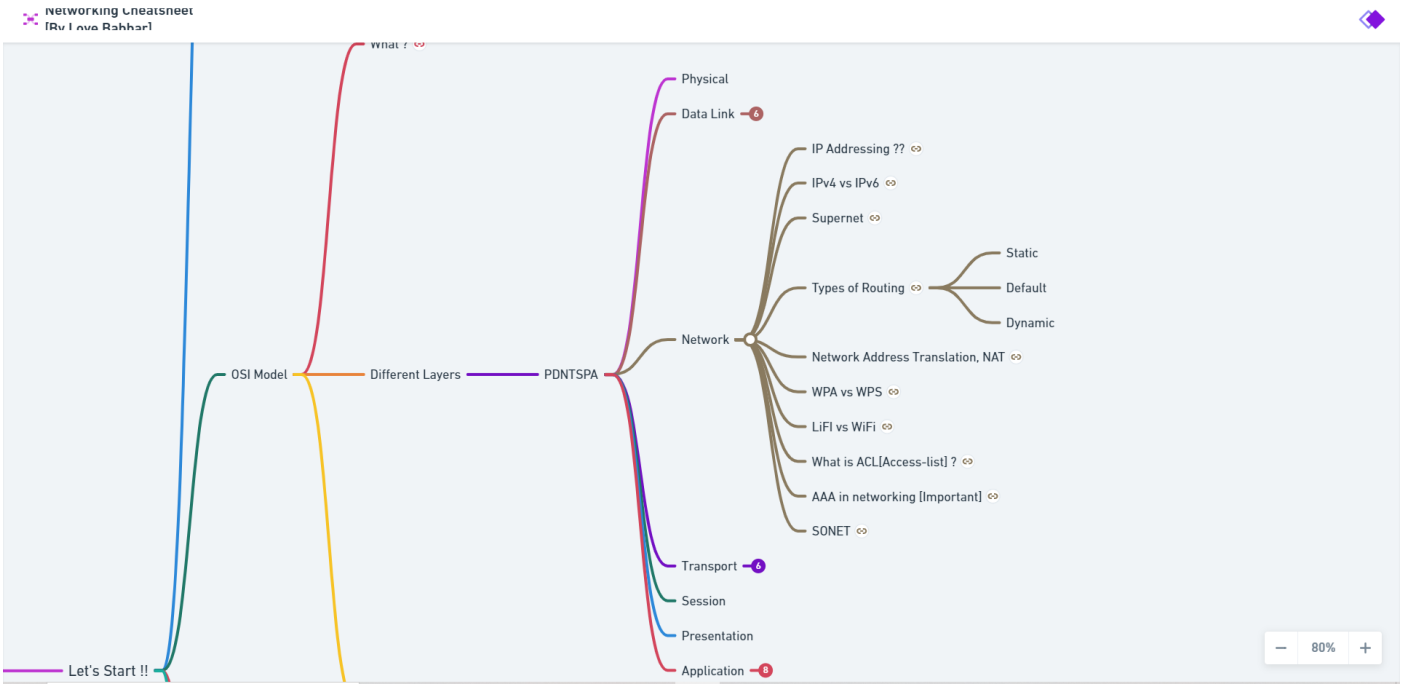
1.BASICS

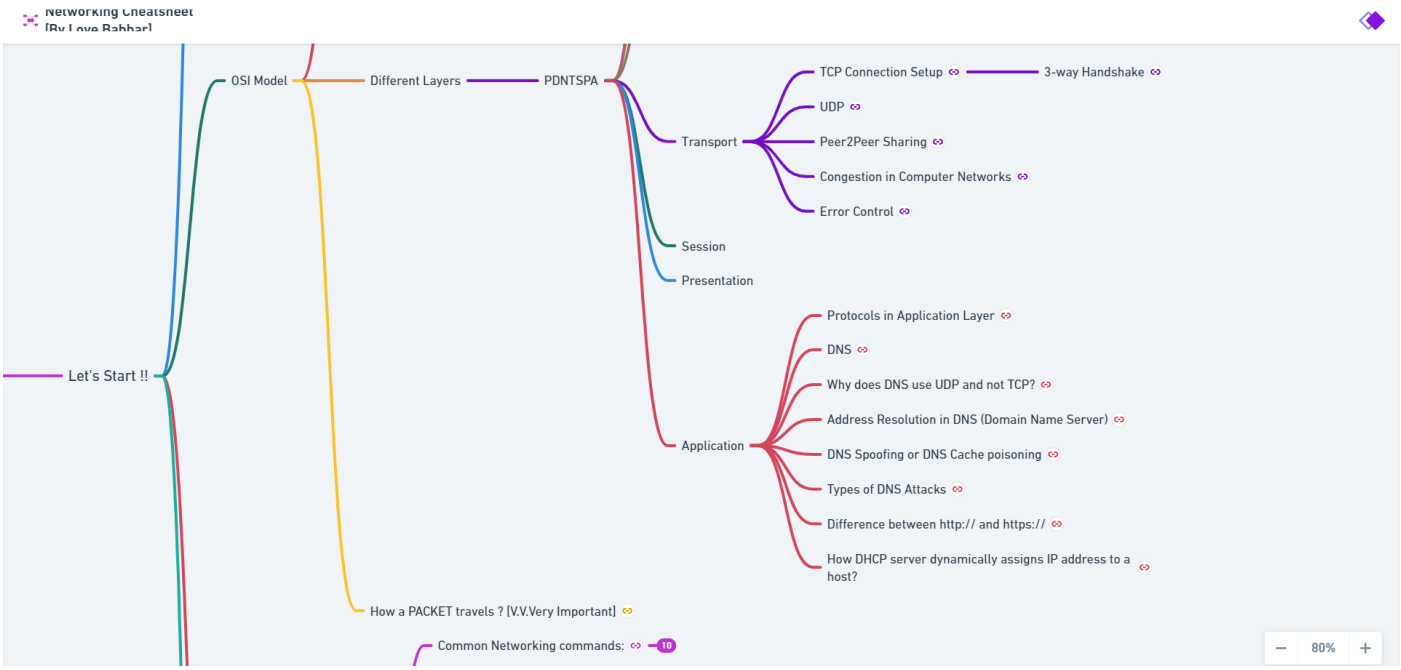




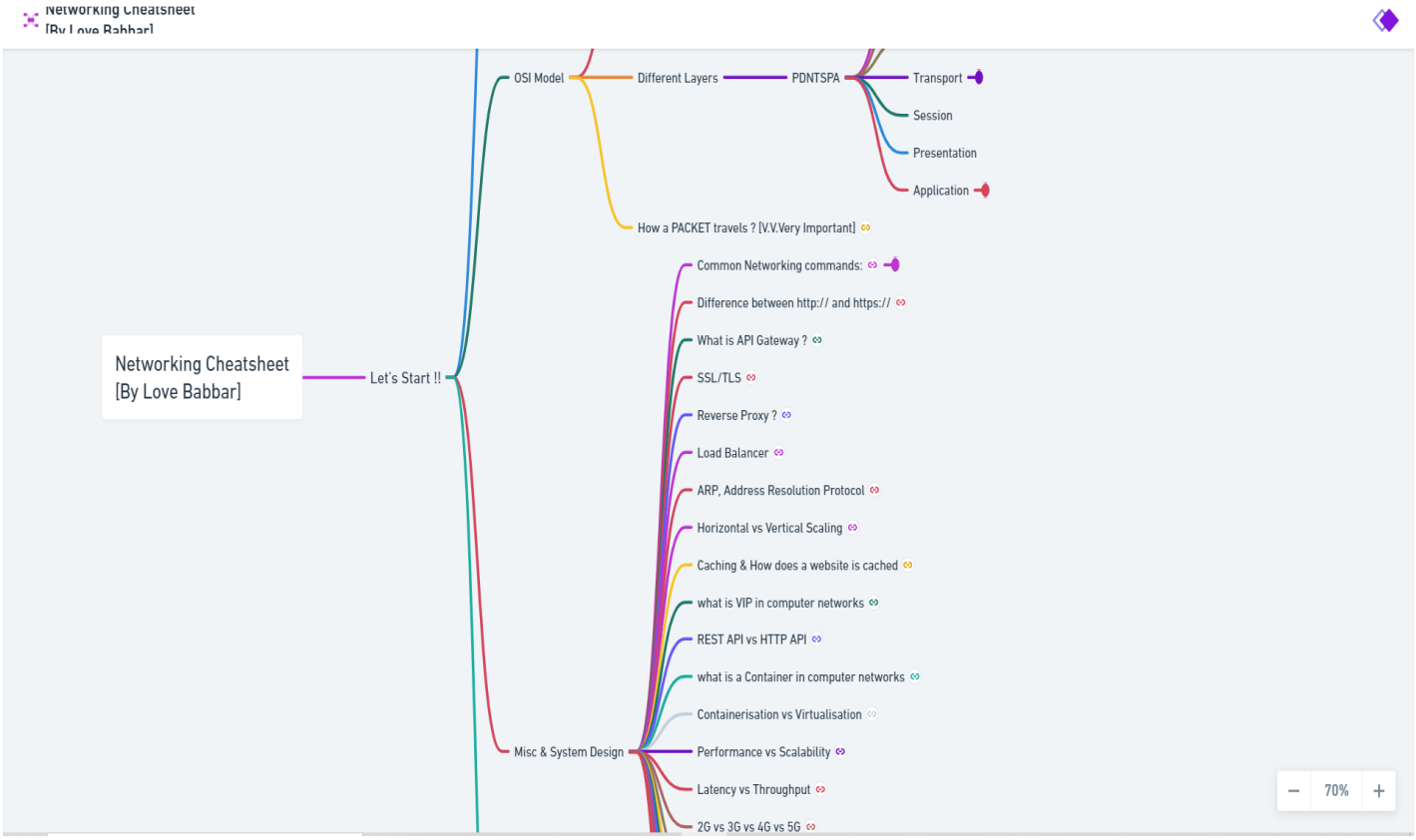
2.OSI Models

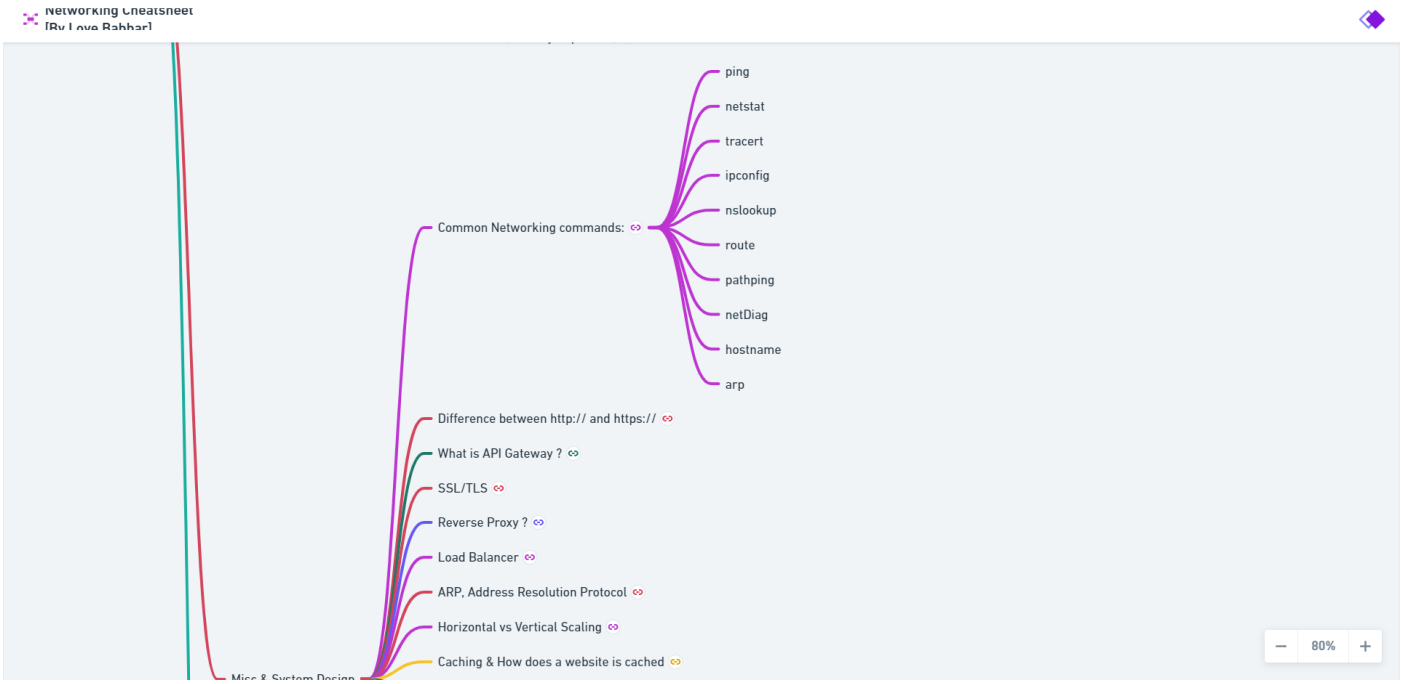
Networking Cheatsheet
[By Love Babbar]
Ring
Tree
LAN vs MAN vs WAN
What ?
OSI Model
Different Layers
PDNTSPA
Physical
Data Link
What is Ethernet ?
Extranet vs Intranet vs Internet
Virtual ckt vs Datagram Network
Switch & its types
what is Virtual LAN ?
Basics of Wifi
Network 13
Transport 6
Session
Presentation
Application 8
How a PACKET travels ? [V.V.Very Important]
Let's Start !!
Common Networking commands: 10
Difference between http:// and https://
80%

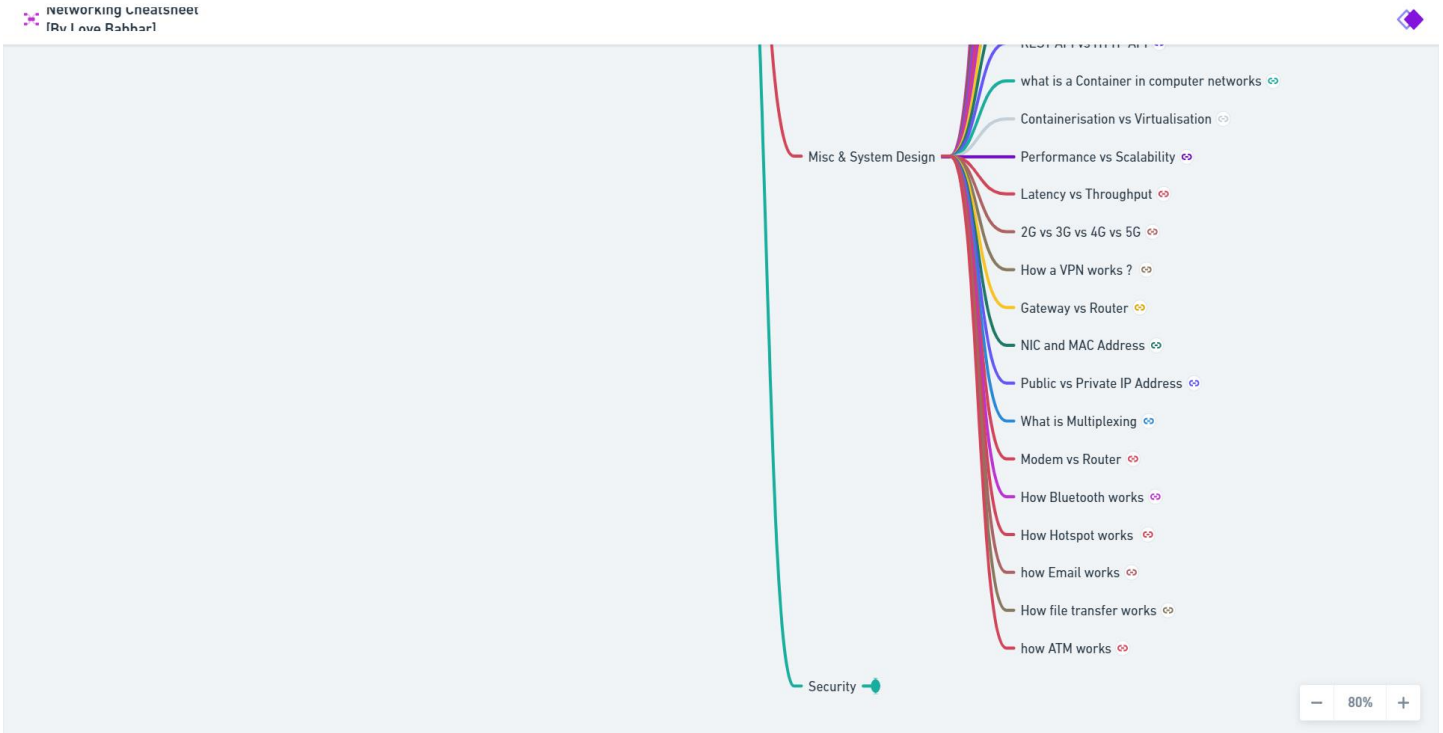

Networking Cheatsheet
[By Love Babbar]
What ?
OSI Model
Different Layers
PDNTSPA
Physical
Data Link 6
Network
IP Addressing ??
IPv4 vs IPv6
Supernet
Types of Routing
Static
Default
Dynamic
Network Address Translation, NAT
WPA vs WPS
LiFI vs WiFi
What is ACL[Access-list] ?
AAA in networking [Important]
SONET
Transport 6
Session
Presentation
Application 8
Let's Start !!
80%



3.Misc and System Design




Networking Cheatsheet
[By Love Babbar]
ping
netstat
tracert
ipconfig
nslookup
route
pathping
netDiag
hostname
arp
Common Networking commands:
Difference between http:// and https://
What is API Gateway ?
SSL/TLS
Reverse Proxy ?
Load Balancer
ARP, Address Resolution Protocol
Horizontal vs Vertical Scaling
Caching & How does a website is cached
80%


Networking Cheatsheet
[By Love Babbar]
what is a Container in computer networks
Containerisation vs Virtualisation
Misc & System Design
Performance vs Scalability
Latency vs Throughput
2G vs 3G vs 4G vs 5G
How a VPN works ?
Gateway vs Router
NIC and MAC Address
Public vs Private IP Address
What is Multiplexing
Modem vs Router
How Bluetooth works
How Hotspot works
how Email works
How file transfer works
how ATM works
Security
80%

4.Security

Networking Cheatsheet
[By Love Babbar]
how ATM works
What is Firewall ?
Type of Firewall
Possible attacks on Firewall
Basic Network Attacks
Denial of Service and Prevention
Digital Signature & Certificates
Security
Terms to know:
Cryptography
Symmetrics Key
Assymetric Key
Hashing
Cryptanalysis
AES/DES/RSA/MD5 hashing
Active & Passive attacks in Infosec
Types of Email Attacks
80%