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AIM- Study of Networking Torportogies & Networking Commande.	penirer, Network (able work Trobleshooteing
· Theory	
1) Networking Revice	
Network together LAW To The applying IP and Using DMCP &	connecte different internet (WAN) is worke on the worker layer (layer 3) of
intended reripe	ments multiple denice me LAN. It uses MAC word data only to an nt denice Works on loyer (coper 2). its secure than a test hub
hub - A hud in a be	acie returbing duce
ASTRIX	

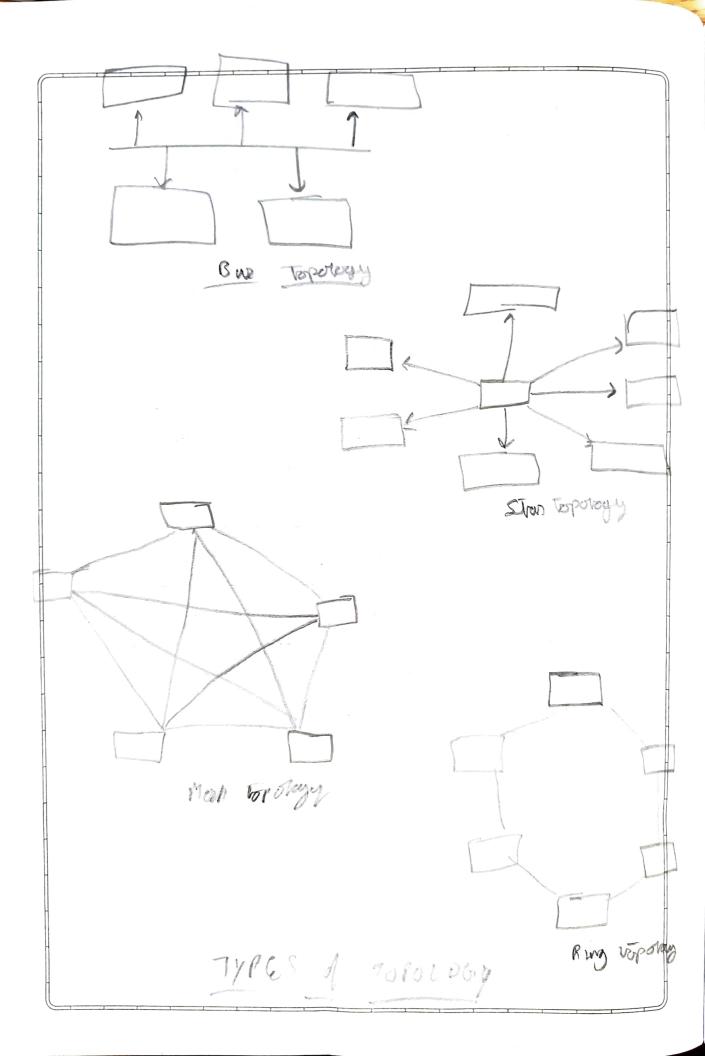
AIM - Study of Networking Denice, Network Cable, To a logy & Netwoode Toroulde shooting Cornwands. C: \ User \shiva > yeombrog Windows IP Configuration wordse LAN adopter local Media State - - - - Media desconne Connection - Specific PNS & Suffix wreter's LAN adapter total Frem desconnected Media State - - - - - Media disconnectes Connection - Specific DNS Suffix; Wireless LAN adopter wife: Connection - Specific DNS Suffice. 1PV6 address ---- 2401490000 Temporary IPV6 Address - - - 2401900 Inh Local IPV6 Address - - 2419000 -1611 uggson - 105.108. Swerich march - -· Fe 30 bid C: \User \Shina > Pung O plon ring In specific host until swapped Reserve address of eithe regues sond by size

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modern	- A de moderlator derrodutar, it converte digital signale into analog signale 8 View verse for transmission care elephone line it connects user to an interner via 18Ps.
Acco	dervice the connects the connects Using wiFi it connects transce (persons of 1272 wireless Engrals
Report	long distance communication to graved signal - less the both in writer & winter
Влонд	e:- Converte Tuo different LAN 8 julion trapper of the diatric link vayor Usafeel in & segmenting traffic to improve performence
rauetord	in A gaturay connecte nativorter weing
2 TYPE	OF Network RABLEDT.
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 Reply from 2404 $800 4009. 820 2004 time 5
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       Packets . soil & Received & lest = 0 (0, was
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   Over a radicion of 30 trops:
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B.	Compaid cable 7 Used in Cable 7V, CLTV. 2 proachand internet
	> Moderate Speed CID Mbps to Icompay
C.	Firen optic Call + Usen gloss on phostic juiters to transmit dooks using light Sugard
	Supports spark up to 100 GDPS.
	Support long-clieteurs high sound
	Communication -
3	TYPES OF NETWORK TOPOLOGIES
A,	BUS TO PO logy - ALL dervices are connected to Eightele rubble. Data trouble
	in both direction (cost effection)
B	Star Topology =- AU pader are connected to a center
	derive (hus 1 Seinten). Cary to
	manage if the center derive finds
C	Ring topology: Durice are connected in coinders
	direction.
	Teacher's Signature



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<u>d</u> .	Messe logorogy: - Every node is Consected To every node. Respirable Might reduced away 8 foult toterous - Expensive 8 complex to Islap
4.	Networks Trouble shooting commande
	1 p confrig :- Resplay IP Configuration of your System Short IA address. Substit Mark
	PING: - Sends test parkets to check convertibles :- Checks if a denier / wredsite is reachable. erg. Pary groupe- (on.
	trover :- Risplay roule taken by packets There to rever a Rost. The Wentiff when Delays on pulmer occurr Traver google. Con
	ns book :- O yearing DNs to get IP adobress of a demain. Ns bookenp openai. com Use in trouble book oborrain many resolution wisher.
	ASTRIX Teacher's Signature

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address 172 04 154 .211

C) User I shim > Month print

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