08/31/22. N/W Topology:--> Bus Topology. -> Switch - links and nodes. MAC ( Media Accell Control) Address:-- Address Resolution Protocol (ARP). ·ARP Request. ·AR P Response. -> NO Protection orgainst homeone lying to importante another device. 09/07/22: How Switchel Cedmi--> If the suitely received an ireoning mellage, Link Integrately Test (LIT): - whenever an Ethernet fort is isle, it sends a 100-200 n S Pulle every 16 ms balled (2 IT). Ethornet Auto Negotiation: - When two Ports hear each other (IT) for the first time, they enter autoregotiation. -) A Swetch conduct something is Rugged into it

by doing the above checks. -> Howdoll a Switch know which MAC address is connected to early fort? . It keeps an Internal suitely table mapping MAC address to Ports. Post, the switch reads the SRC address. Switch table entries eventually time out.

If the switch gets a from where the DST

is unknown it vroodlagts the neg exply whore like a hold would · If the switche Briffer is bull, it Driffs the Pockete.