MP 206
JOTTINGS NOTE

2001VL 2ND SEMESTER

Har you arrage blue buildings of a street and har you organis

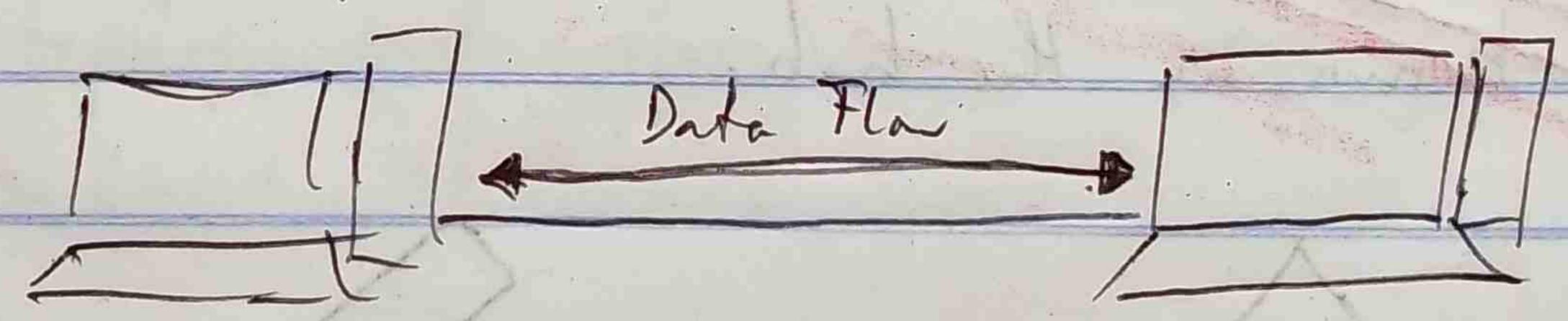
This also applies compréor.

Allert is a network Topslogy?

A network topslogy is the arrangement in which retwork devices and user devices are connected.

Typos · Parht - to - Port

Adorico that's directly Connocted e.g. transforcein, a plo from your Phone to your laptop



SECRET: All our dervices use a porlet-to-point typology en connectification to the wife and so-on.

Bus Topology In this tropology all the Levices share a single-Communicat ion line/cable

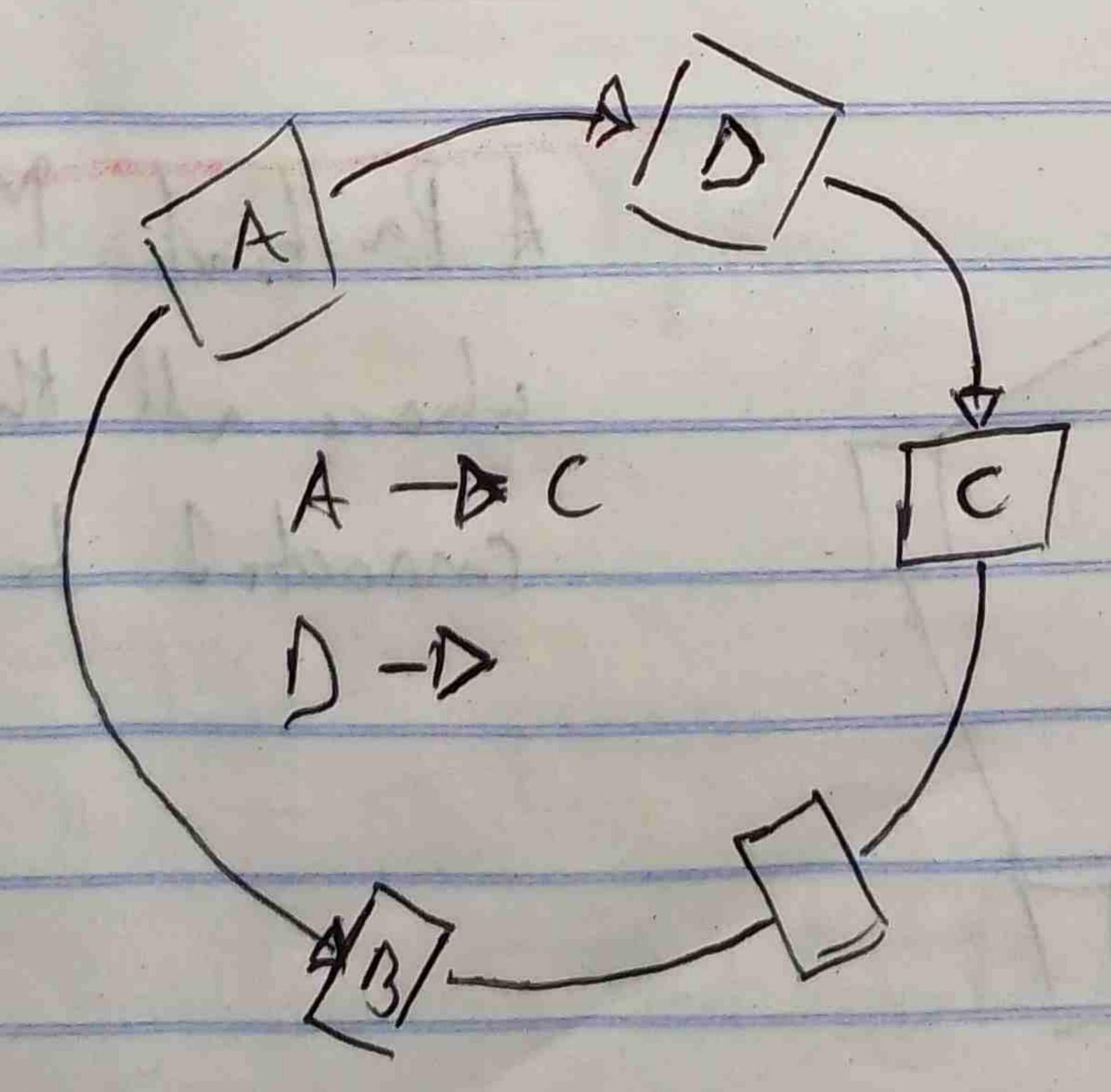
There is a problem with this bopology org whom all derices bry by use this line at the same time.

CSM + ICD was and is used to combat this problem

Fullure of one device does nt affect the others This fails but doesn't affet the other devices Star Topology
In this all the sta hosts are connected to a control derice The hub and the hosts

In this store topology, it the Hub fulls, Connectority fails

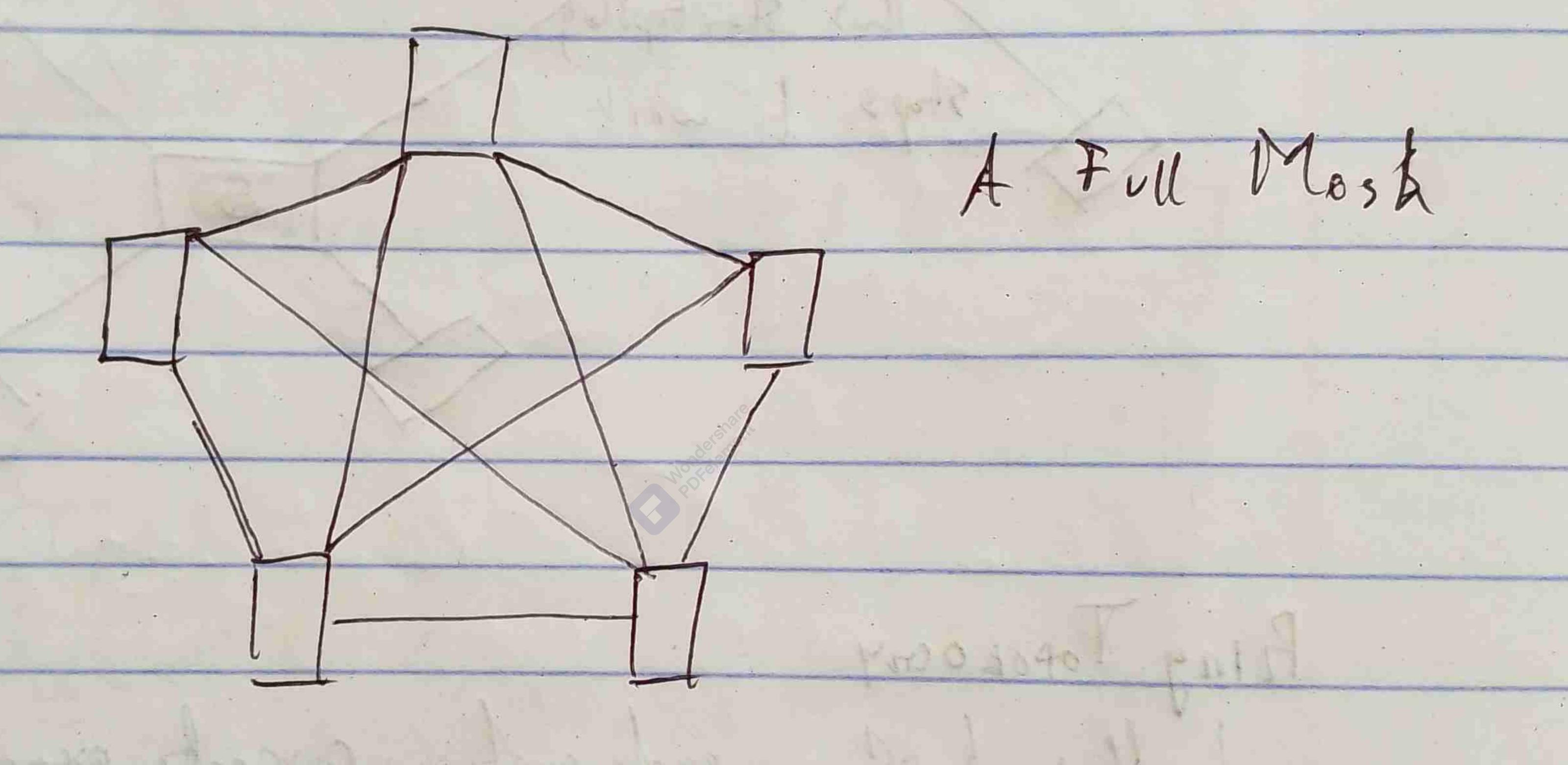
Ring Topoko cony
In this bepology, each system connects exactly to other system to create a circular strature

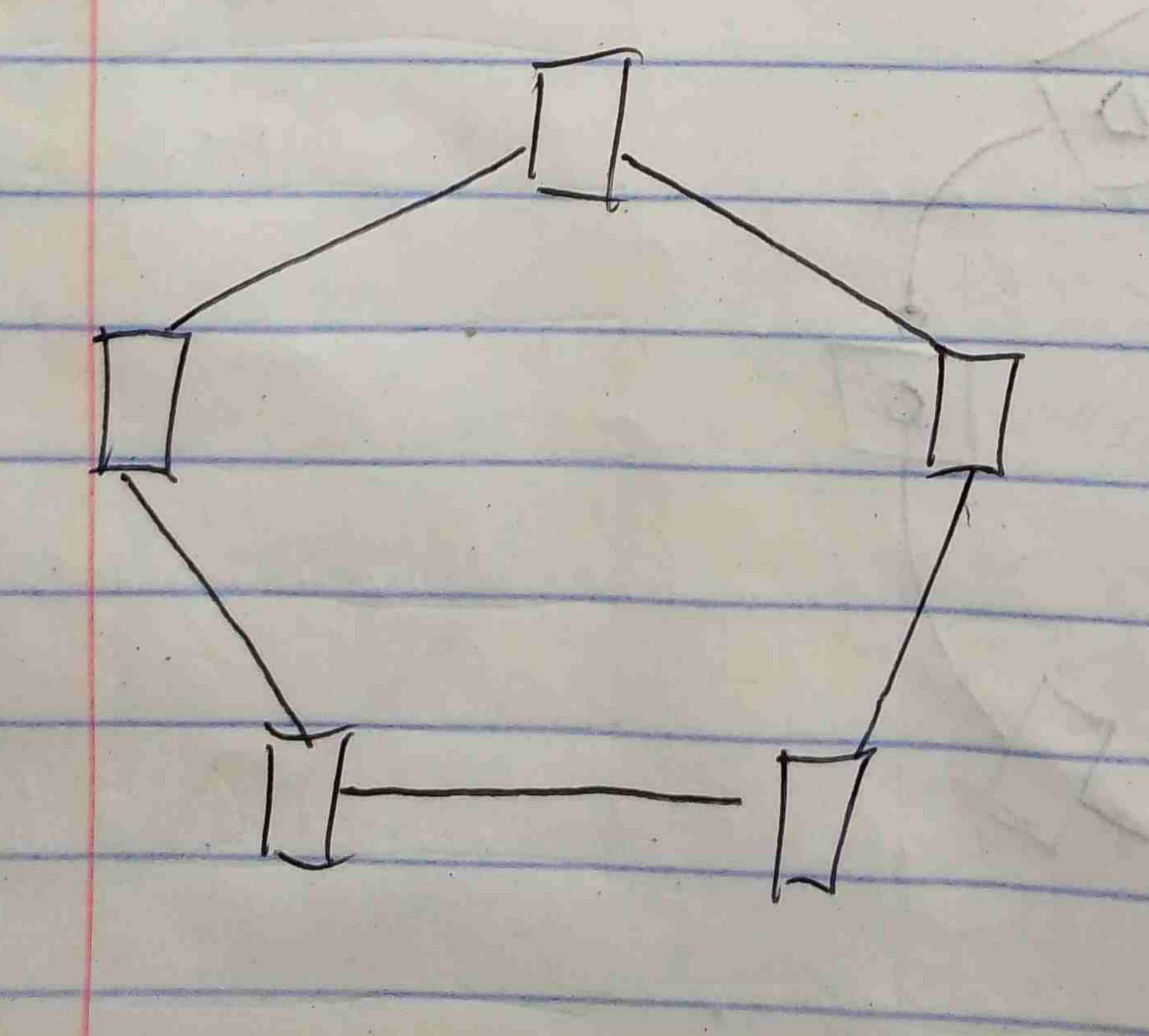


NOTE: In the the star typology

Mesh Topology

Mesh Topslogy All the Host will have be connect to one another





A Partial Mosh
where all the hosts me at
Connected to one another

Tree Hierarchical Topology
This is the most comon topology from af network boday.
The topology limitates as extended star topology with whenter properties of the bis topology. every rebunde all the hosts Let the Distribution Layer we visually here ar Rubers and Switches Groto and Carrector with In our access Layer we have our prilibors and so on cach offre v Daisy Chain Topology Farlie with one can have a failure but that doesn't break the entire Connection, only a partin

Hybrid Topology is the wisebre of all/different holds of Ropol An example of this is the Thothe Internet, Where severall larts of the world using different hopologies come tryether to form 1. (Hybrid Topology) Nobwork Models THE RESERVE THE PARTY OF THE PA Open System Interconnect (OSI Mople ls all Commondeations system D-1: Device 1 D-2: Donce 2 Applicabor Application Applicablan 109 anhabra Prossenbalon 2655 m Sossim Transportable Consportation Each Layor is a postocol that holps or mossay go fran one Device la the Mas

Applicat: Is nothe surface e.g hlbat'sapp, Instagram, as google. Presentation: This formats our message in a format

Sossion: This Holps maintantis the connectivity between his

Transport: This layer has 2 probacols that markbach the end to end connection for either teset mossage, video message or the format that is regioned.

Nobrarh: This Layer ensures that every device connected on the Internet has a unique address so that our communicated -in goes to the right receiver. This layer handles the Internet.

Dabalikh: This organises the entire data passed down and deter -mines the specific byte that can be passed on to the physical layer.

Physical: The physical Layor of D-1 passes the it on to the D-2

Internet Model: Internet vses. Transmission Control Protocol (TCP) TCP/IP Does what 051 does only Applicabin that it vsos fower Cryons Prosenbution I cans por brookstrain Nobwah Session Daba Likk 1 sons port Noborh hy so cal

PHYSICAL LAYER The physical layer Interfaces the transdure and the signality mechanism.

This layer provides services to the Lata-link layer

Jignals