08/29/22	Layer 2- The Data link Layer.
	Cyclic Redundancy check (CRC):-
	Pseudo Cool for CRC:-
	def CRC (Msg, Polynomial): Msg -> Binory CRC length = bit length (Polynomial) -1
	Msy -> Birary
	CRC length = bit length (Polynomial) -1
	L " " " ~ /
	t = msg. "o" * CRC length
	while len(d) > CRC length
	while ten (2) > Con clengty
	Example problem:
	Men = "7"
	Msg = "?". Polynomial = 0 x3.
	roughomies 2017
	= 00/////
	11 (00 +++++++++++++++++++++++++++++++++
	(1 / 1 1 0
	00 (1(0
	00110
	X 00
	H
	00
08/31/22.	Ethornet Collision Avoidonce (CSMA/CD).
	coorier Sense Multiple Accept Collision Avoidance
	Algorithm:
	· ·
	1.) Build a Frome to transmit.

	2) If someone is certificated transmitting
	2) If soreone is certently transmitting a) wait till they stop.
	3) Transmet your france.
	3) Transmit pour franc. a) If there is no collision detected you are
	done-
	le.) If there is a collision, then I am the
	dere. Le.) If there is a collision, then I am the transmission so everyone knows a collision happened.
	happened.
	5.) What a randown apprount of time & they gold
	etcp 2
-	1/
	Exponential Back off " Algorithm: -
	i) let m = 0, n = bitrate - (See per Bit)
	2) while the trunsmission stell hosn't gone through: (i) Let $k = random integer blue and (2m)$
	through:
	a) let k = random integer blue and (2 mg)
	inclusive.
	6) Wait por K# n# 512 Sec.
	C.) Try transmitting again.
	di) $m+=1$.

Wife: - 2140 110 DTS / 800 mt to 801)
Wife: - - Duthen we have RTS (request to send), then we can send the mag.
-> When we hear CTS (clear to Send) then we can send the neg.
-) when we hear RTS&CTS at the same time, then we don't send the may.
From! A From & a sequence of bytel all sent together holding a Chunk of info, and some arror-correction.