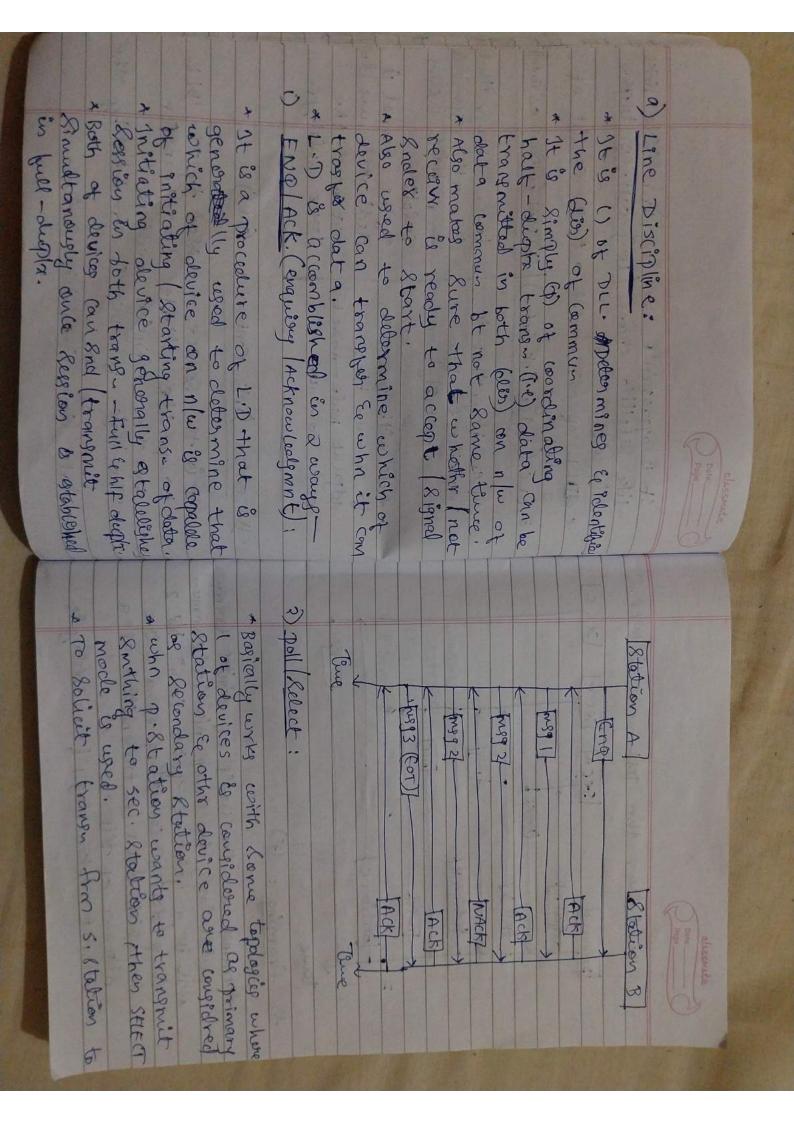
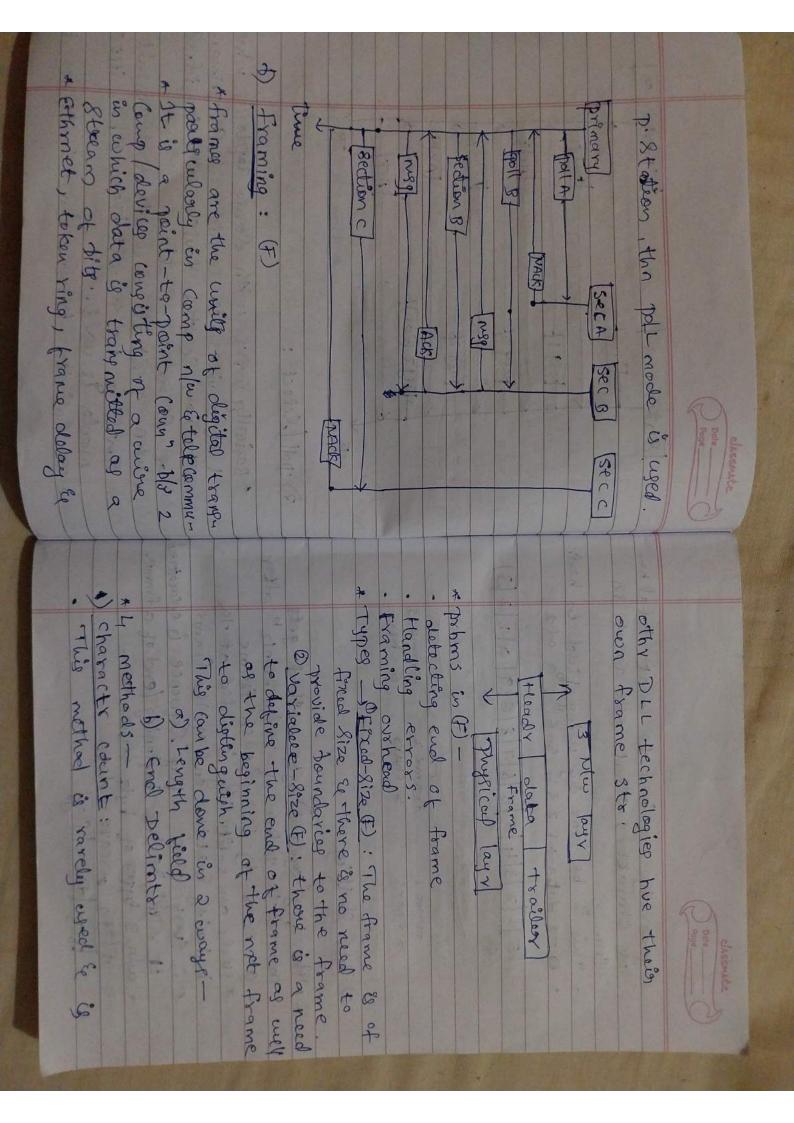
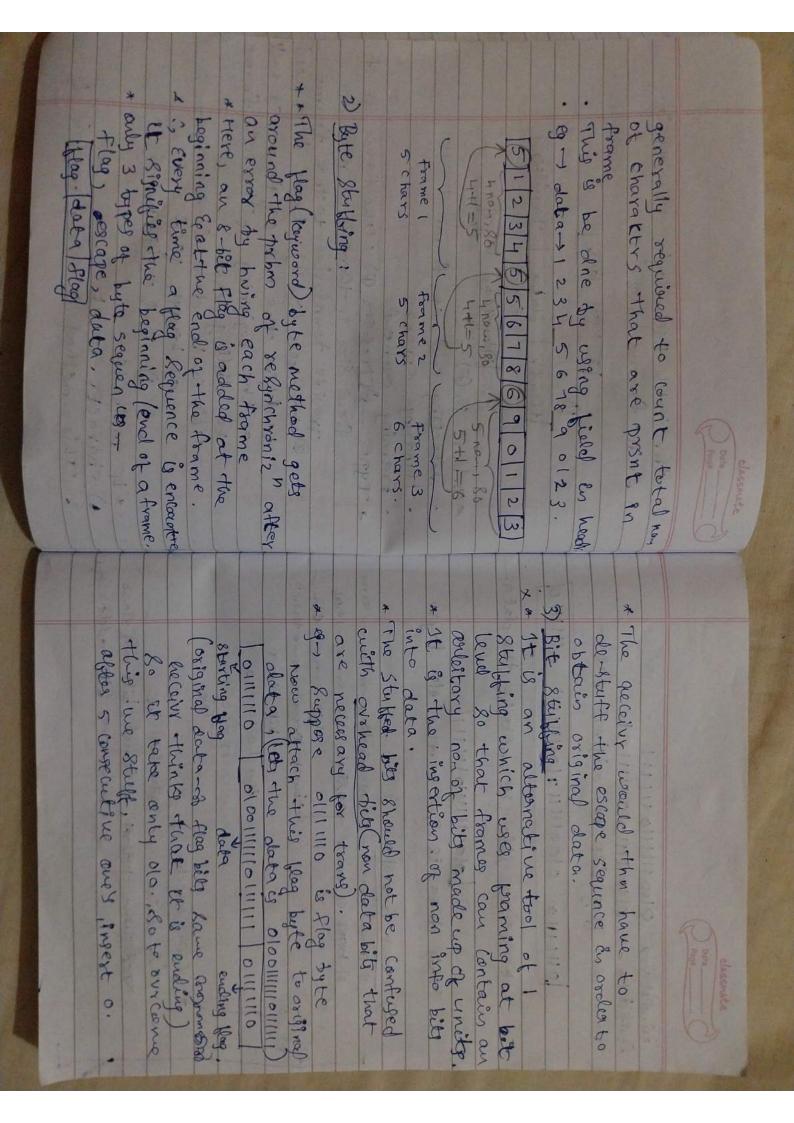
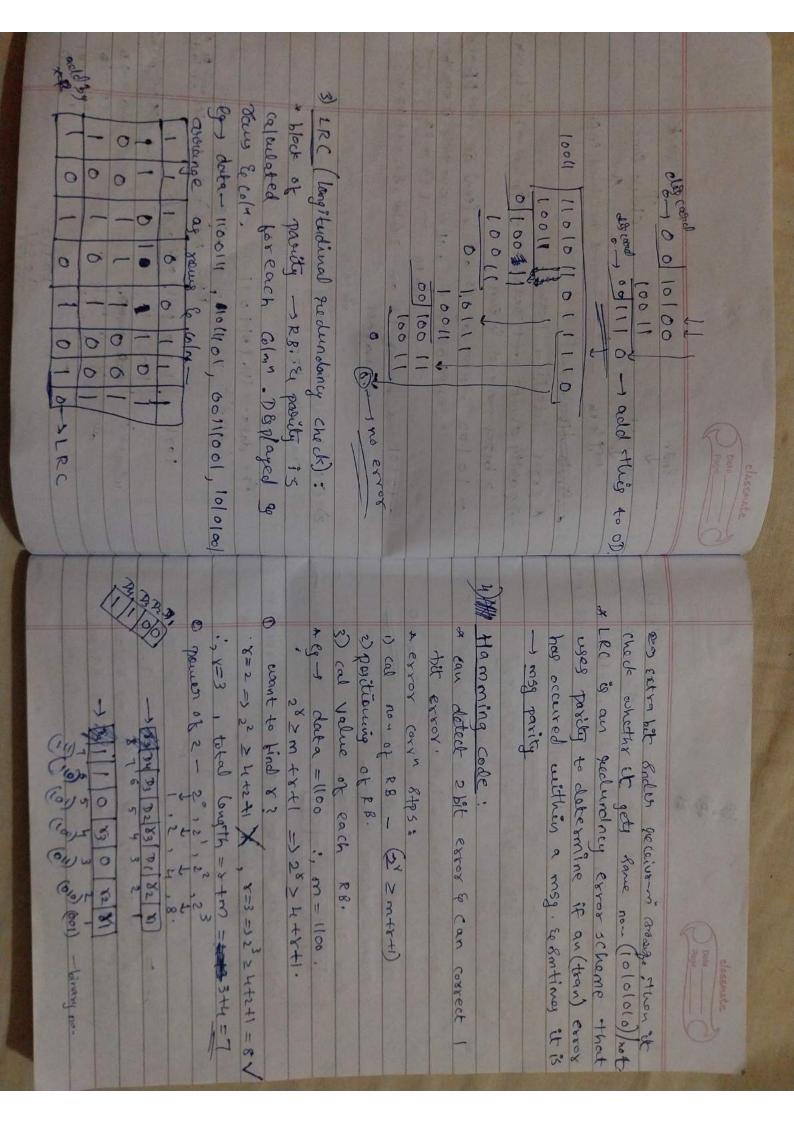
| In this way, the Endr knows whether a frame has anxived convertly been last. I Acknowledge Coun oriented service source & destin machines establish a cours of transpead. | 1) Ackaraticolor Block | aknowledge than. | Endepudit frames to clother markine | a) Unactnowledge Conne less service consist | bellow types of services - | Heady payload trailer Heady payload T | maket becausing packet | The clasign issues = | Data link Layer (DLD) | Module -0 |
|--|------------------------|----------------------------|-------------------------------------|---|---|--|---------------------------------------|--|-----------------------|-----------|
| The lagic for the Service provided by the DLL The lagic for the physical medium. * data link ()-nalities Endude— * data link ()-nalities Endude— | | node commun lowy Rulelays. | for common blu 2 | | · upper sublays that is lower sublays that repossible for flow so is mostly repossible for multiple a class | a) LLC (logical link contro) (b) MAC (modio Access contro) | 2 Ruhlans - model actually consist of | like Satellite channel / long distace telphy | Chasanuta Chasanuta | |

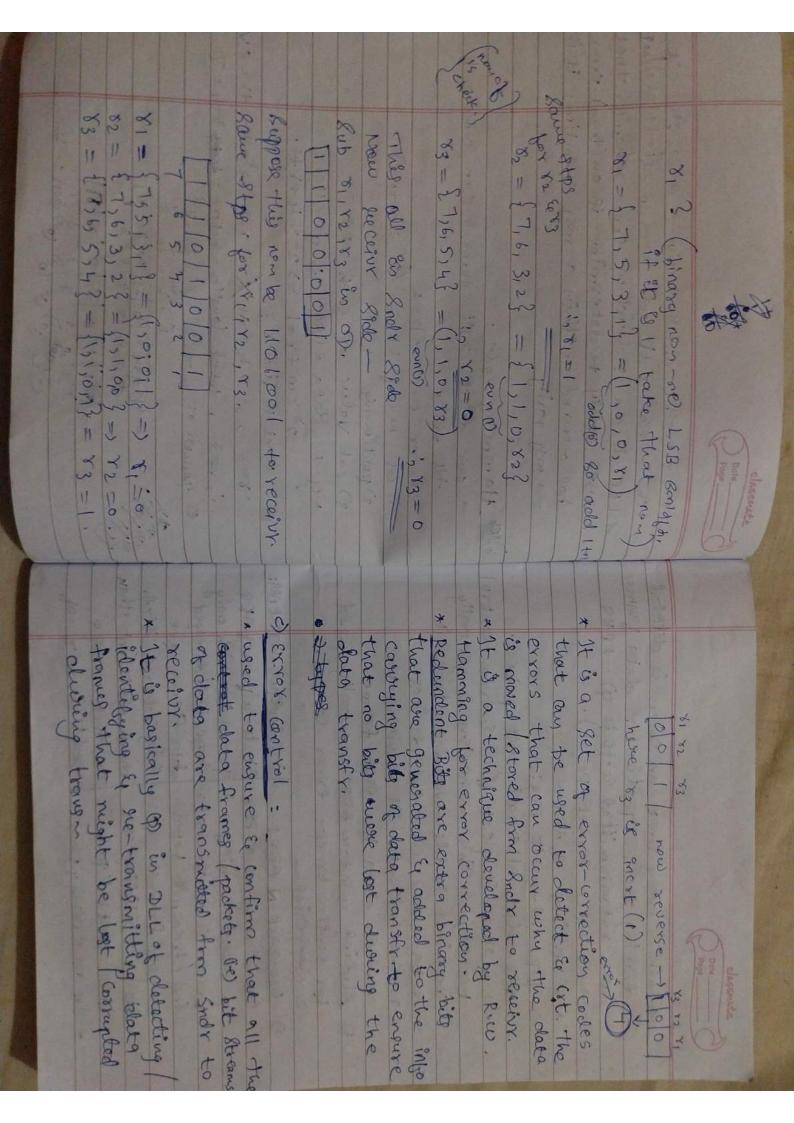






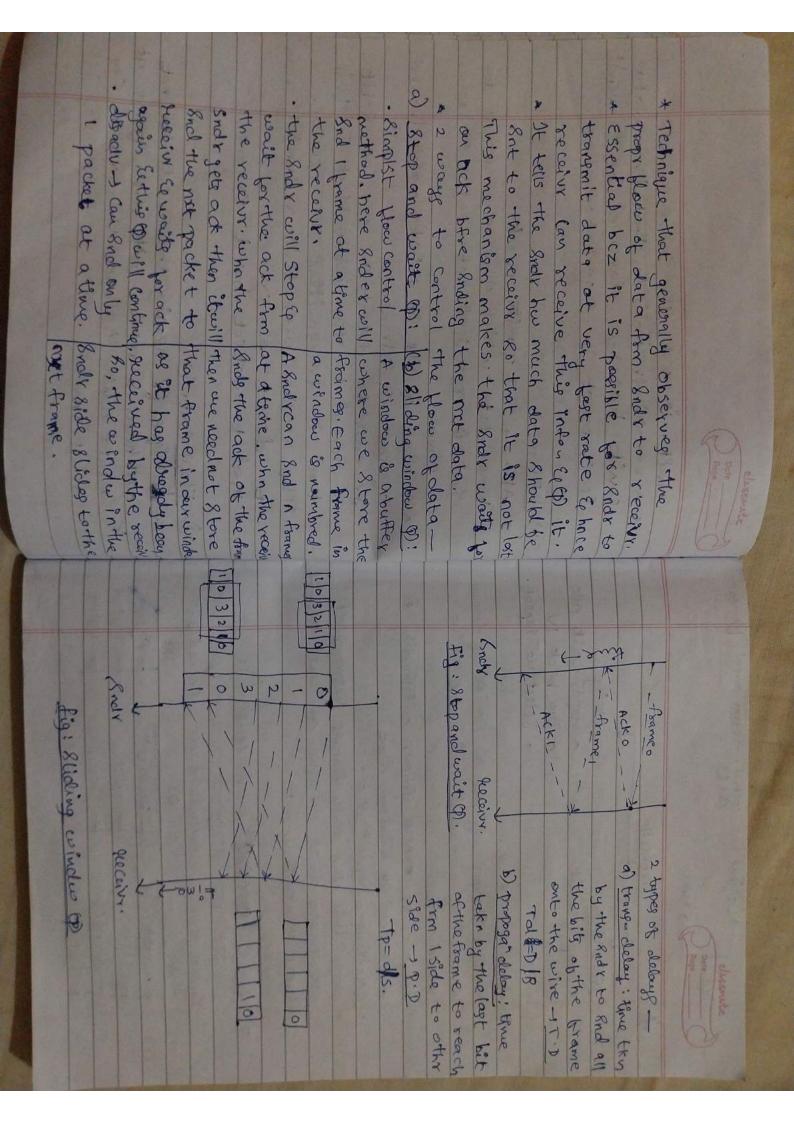
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| The state of the s | |
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| | याः । |
| Databet TRB | 1 bust |
| 2) CRL (Gy Die Redundrey check). | Ship exect orano. |
| 1 | 2) types of error 70 Single bit error 1050 |
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| -10101 -> non of is are 3 (old) , so ado K8 ay) | c) Error (ontrol: |
| in Badk | |
| =) holoo o at receive sice | This data is And to the 10 low lays. |
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| los & evn. | |
| - | at victory side, it instruct the duty- |
| nethed: | The state of the s |
| * Single of the Color | 01111110 0101111101011111010 01111110 |
| meg & 86 trans. I succeived info | |
| 7 | ow add that bits to original data- |
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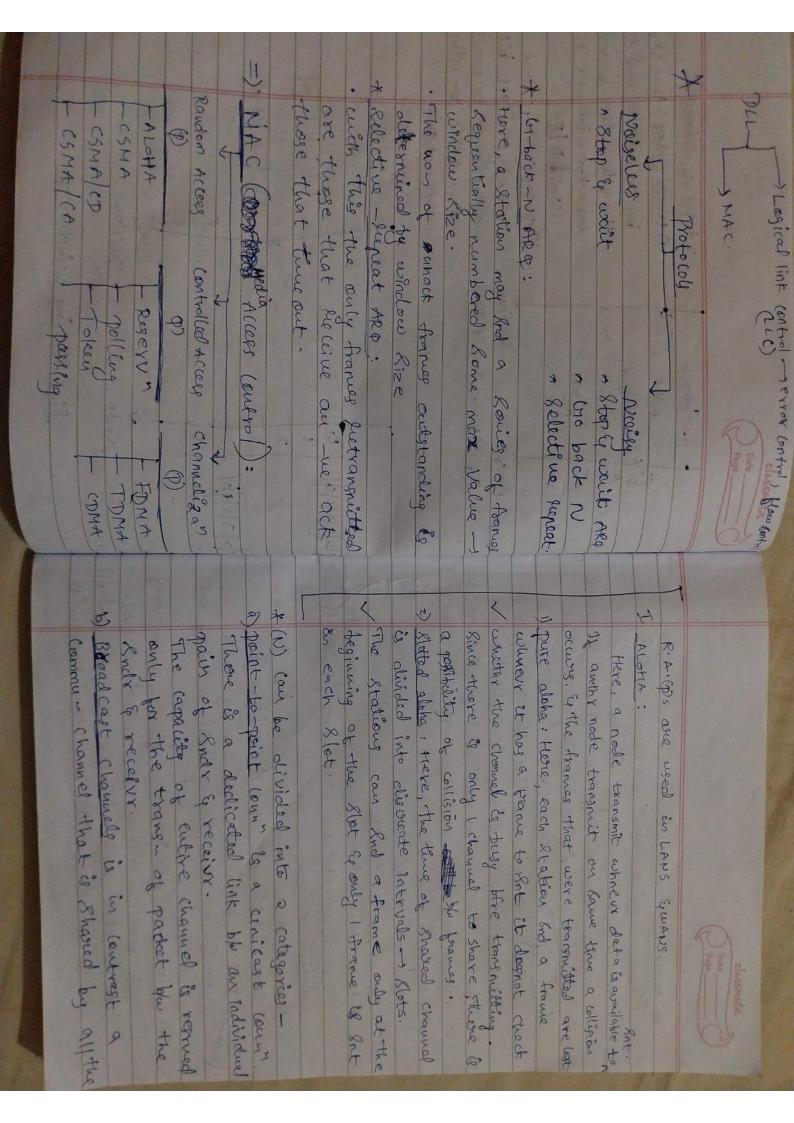




| · It uses stiding w more efficient than be no errors, they used less be 2 of | and transmit total data frames are | 秋中 | U CHO-Back-N ARP: 2) Rolective-Repeat ARP | for conting transme error control. | a seceive data for each frame. | · Receive Indicates its readings to | data his 2 Comment In transmit | techniques. This mechanism is generally | · Also called Alternating bet probacol. | a) Star - and -wait ARO: | Automatic Repeat Regist). | during trans, porticular data prans | 1 101 | |
|--|------------------------------------|---|---|------------------------------------|--------------------------------|-------------------------------------|--------------------------------|---|---|--------------------------|---------------------------|---------------------------------------|---------------|--|
| nearly sitti | CA LAC | from 1 to 0 (from 0 to 1. data unit hup | . How, only 1 bet of a means that 2) | | | receive for common bysto. here. | - | 45 | * Simply means detect " Simply means | | 2 | of is identical to more complainty to | Charge-units. | |

| at the destina, the weaking chara | to the end of elect a unit so that the sure of sure of the the sure of the sur | I CPC & based on binary non. | o (odd) othrwise o (odd) | | big the new of 15 bits, the non of 1's | a) EUN 7 bit pouty sits - | detecting exx in data trans & Storage | 2000 2000 | * refers to an err detection method | I UPC (vestical quedending Checking) | Burst (e): many that 2 (more bity Partne daka ainst his changed from its o from oto). | 2 to per of errors -> 081 mg/e-title: here, only 1 to |
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| | a recent than. | d) Flow Control: | to detect our error. | block is transmitted to receive. | of rows & colony. | & A block of little is + into take Imatrix | And & organised into tables of rows | + Also I 2-1 position rivers. | El :, must be just clad. | curit has been dome now to date | chassade. | |

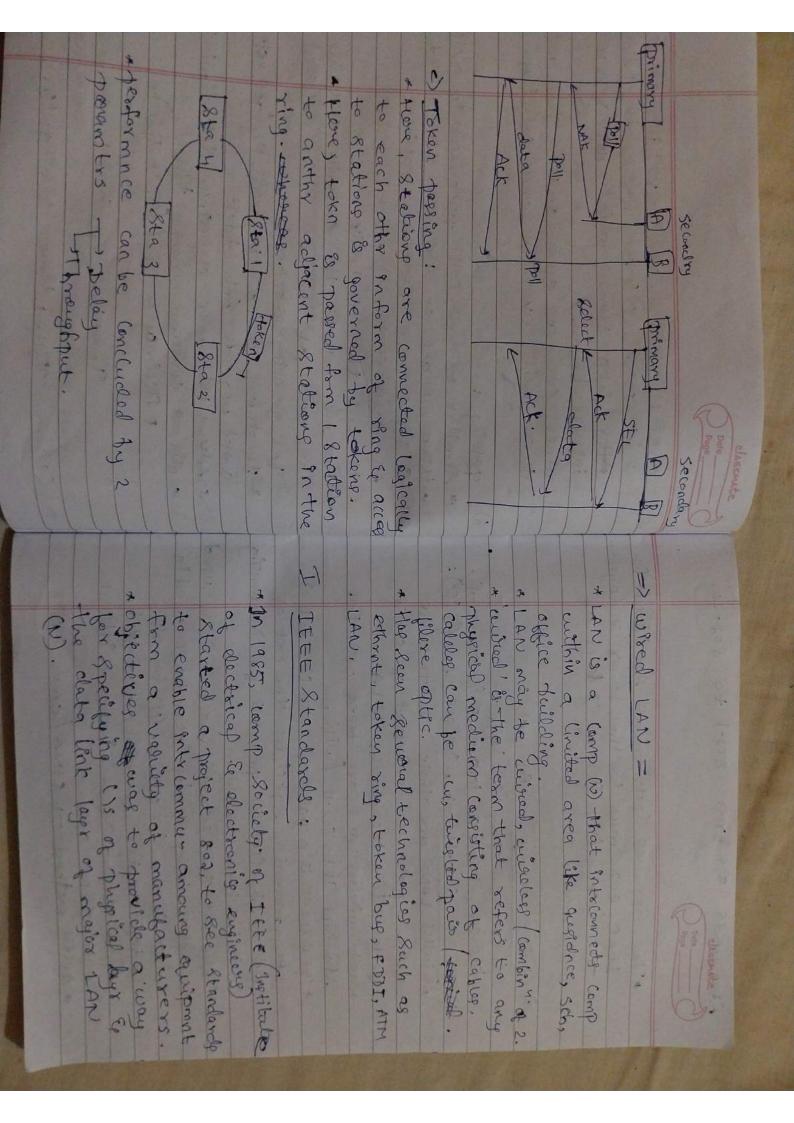




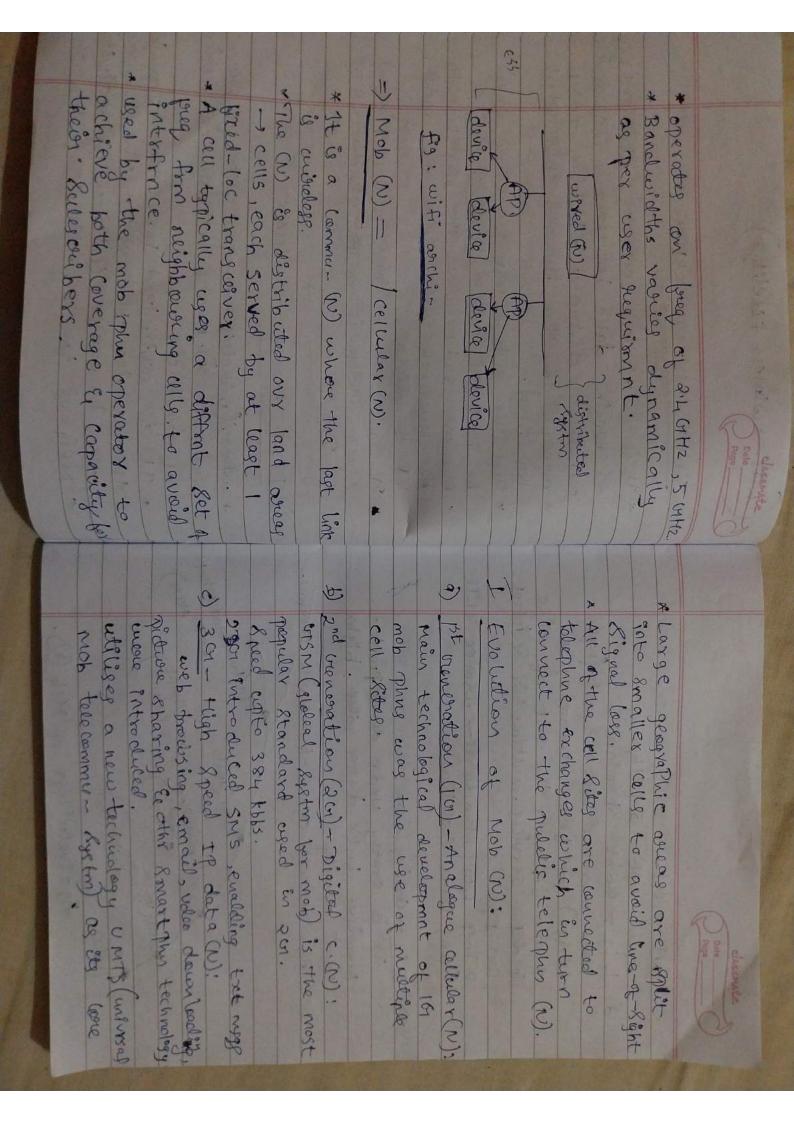
| The sale of the sales of the sales was | Toba Catalog Ot the Market and | bt is also amilianto to placed LAN | a) ALOHA: (Additive Links for -line Hawaii Are) | * R. A. M | featers . To horsel begreance a stations soline date | 2 Hos no well thrus for landing class | the station (an snot data depending on | authy Station. | that is no Station has more priority than | * Hove, all Stations hue same superiority | I Ranclow Accell of: | Multiple Acord (D) - " | Channel Simultoniesty. | than multiple Stations can accept the | huveux there is no declicated perblink print | Receive than DLC lays & Sufficient, | It is a dedicated link Now the Snor & | * Multiple Alcess Control: | by every device connecting to the link. | So the channel copacity is 8 hard tomporous | | In multipoint count , a single link is | machines in the W. | | Done dessoute | |
|--|--------------------------------|------------------------------------|---|---------------------|--|---------------------------------------|--|----------------|---|---|----------------------|--|------------------------|---|--|-------------------------------------|---------------------------------------|--------------------------------------|--|---|-------------------------|--|--------------------|-------------------|---------------|--|
| Abt 3.2 Statted Atotte | | 8ta 3 | Sta I I | Coltision collision | fig: These ALOTA Frames | 95 | معاناه صفياها | st H | St 3 0 | St 2 | Station 1 h | . State of the sta | arone of | * Tune is continued to Time is discuste | 30 | 2005. | at the beginning of | data out any time transmit data only | · Any Station can transmit Any Station Can | N | तम्महिन्ही विग्रम् वर्ष | data at the same time & hence lead to | | O Deta Chasswitch | | |

St any collision is detected, the Station & notes a jam (Step Signal to & housed b) CSMA (corries Sense Muetiple Access) necesused, the Station Snots anthr pranie Successful. It the frame is Successfully Channel to sheck whether the transmough * It the channel is ield, the Station can 8nd channel a lake, it transmits a frame layr. is it is beuses the shored channel works with a medium access control CSMA (CD : Collision outection) data to the channel othercerese, it muy wait until the channel becomes lette. bfre transmitting the data. Sense the traffic on a Channel (idle bug) CSMA access modes-It is a (v) (f) to transmit clata from rating orized into 2 -. on a trays - modern. 1-persistat, non-persistat, p-persistat, & thence , it gueduces the chances of Collisian a cross based on media a cross of to o-persatnt. these It is a Carrier Kense multiple Undonatele time of CSMA = Therente to to wind data trans-(propogan time) * To avoid colligion me use 3 methods-* It is a (N) (D) for carrier tyme of data (c) Ack. (a) Interfrance space (b) Contention window DESMA CA (collision Avaidace): * 1-persotnt: * wrks an with a medicino access central laps occurs in the shared channel. Kenges the transmit immediatly. At it it gets 2' Rignals, a collision frame Ruccessfully transmitted to the ruceivy that means the data frames has been trans. the channel is clear. why a data frame & sat to a Channel, 36 the Station Receives only a Single ack it receives an ack to check connection 16 busy, they of Keyses the trans neclim transmits the frame unconditionally. continoisly until it becomes ide then non-possistne: It is a non agressive It is an aggressive trans- (a). who the trans - necture.

| | columnite transmitting node is heady to transmite transmit it sources the transmit in waits for a random it it is busy it waits for a random account of the chance is idle at transmit it became idle, then transmit it became idle, then transmit it became idle, then transmit with probability by. The stations scak (rasemaly) info the station has the station to find which to audie collector of raps on shoot to audie continues. It allocus only I node to knd at ation to audie continues. It allocus only I node to knd at ation to audie continues. It allocus only I node to knd at ation to audie continues. It allocus only I node to knd at ation to audie continues. It allocus only I node to knd at ation to audie continues. It allocus only I node to knd at ation to audie continues. It allocus only I node to knd at ation to audie continues. It allocus only I node to knd at ation to audie continues. It allocus only I node to knd at ation to audie continues. It allocus only I node to knd at ation to audie continues. It allocus only I node to knd at ation to audie continues. | 10日の一日の日本の一日の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本 |
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| Also facture device -to-olevice communication of Mob (M). | Coun derights. | It is cratly und r development. | e) 5 cy - Coming Soon: | | (love tem) Evolution) | 2 mil Les Standondon :: mar En TE | to data services, multimedia & intent | dwnloads, lower the lest of voice | Little former der & street funto | d) His - curat Standard: | Spied coto 3.1 Mbps. | | |
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