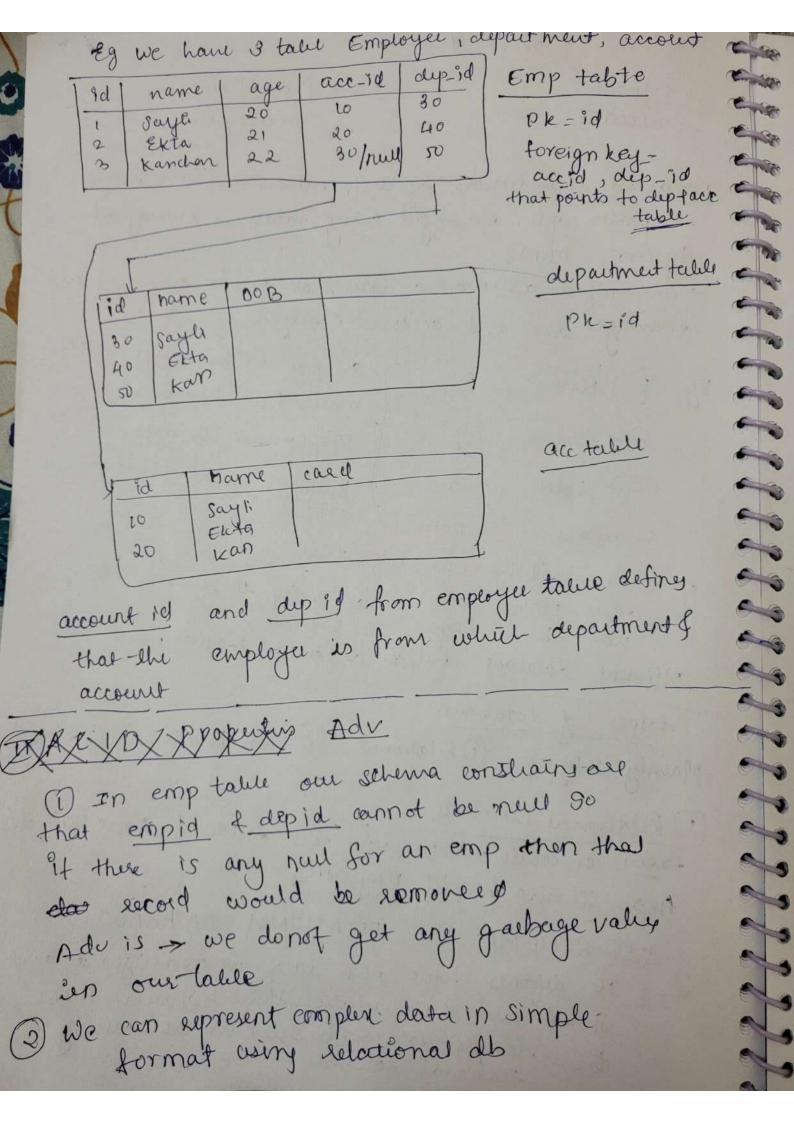
C-199 -> Pros & cons red Ca -> types Car - resucase CONT Database, collection of information or data in a competer, ofte managed using database managed dysem PBMS. ery en -ayrein DBMS. CA ranaged easi and accessed easily. 0 -0 Suppose are have diff building Eg Theath 6 mall, hold + bank -TTT Bank Peoples au like dodon 0 63 Buildings , are like database The hotel & 6 63 Database Data Es cach building has diff chain

that I large down 3 according to the service they

now i bear bags provide.

Different database fulful different require ment 6 0 6 00 2 types of database 0 Mainly & types (1) Relational (2) Non Relational (3) cloud db. 6 1 8 (1) Relational Database - sous on which factor you will decide to choose Rel de 4 2 Ans schema & acid properties 4 1.1 SCHEMA IN RELATIONAL DATABASE It defines how our data is organized to and Stored and their relation ship between these tables. Complied dala can be stored in table wing relational database.



me los A -> Atomically 1 C > consistantly

I > Isolation -() Atomicity - A transaction hoppens completely or est clossnot happens at all. Chia Con 1 Account A 500 Bar A Sends 500 to B

it shouldh't happen

that money is deducted

from A 4 didn't reciemed 100 Eg Account 1 CAR -C 100 6 Transaction should get deducted from one account and get hansferred to another account (All trans should be consistently of lime the state of data should be consistent any pt of lime the state of data should be consistent while reading the 6 6 6 6 6 6 Eg ACCA > 500 Bal day 2 while reading the bacance it shouldness bacance it shouldness seco read old data. 6 2 read operations should return semevalue at some time

Bal=500

Dubmedia 14 1991 6 9 Bal=500

performed is 14 with fthen

read => 600

read So CO 4 --So after & the order should be maintained 4 The read should not happens before weith 0 Durabilité > it ensures all the operations 9 that are hoppening are locked properly. 4 1 f all data is persistant. 6

where does nelational -> can be used when no g tol are fixed / minate - when we donot know the no & columny in falue needed to be add their use word non retalional add r or subraction database @ NON RELATIONAL DB it doesn't uses lables (row, col) -> key (value pais - graphs - Doccument ... Dky ralue. Eg Dynamo DB Reddis -> a unique key in paired with each collèction 4 Benefit I we don't have to worny about complex query bec & system knows where other data is stoud as our key is mapped 4 4 4 4 Doccument & Mongo db 4 stores data in document Eg Json Each doc can have collect of nested coll of data d "id": 123 TSON - Jana Script Nofation large Simple ovæy of storing of exchanging dota easy for human of machine to understand