End Tum Escam Solviero Bhagas 19BCS103 20 20 to con 2) DDL is important in defining database Structure in DBMS because it is used begin doto describe data structure and modify Idata. A) (a) DML is used to radd, idelete and modify data; it is not important for reating database schema. 3) True. A DBMS is typically shared ramong many users transactions from these users can be interleased to imporose the exclusion time of users queries. By interleaving queines, user's transaction to complete fully before their own to ansaction begins without interleaving , If user X' begins a transaction that will take 20 seconds to complete transaction, been user y would have to roat an cadditional

monds for for user X's transaction complete before the database mondo (a) To ensure consistency user has to guarantee he that operations en transactions are performed accurately, correctly and with validity with respect to the application Semantics The user also has to quarente that database constraints are not violated, particularly conce a transaction commits.

1 19805103 (6) To ensure that consistency DBMS Should guarantee that /hex vany tuansactions started in 12 Seffects ag other transactions committed in the past, And Also to presume the Consistency of dotatise 1 the Should take place in isolation. that means no other transaction Should nun concurrently when there is a transaction already running

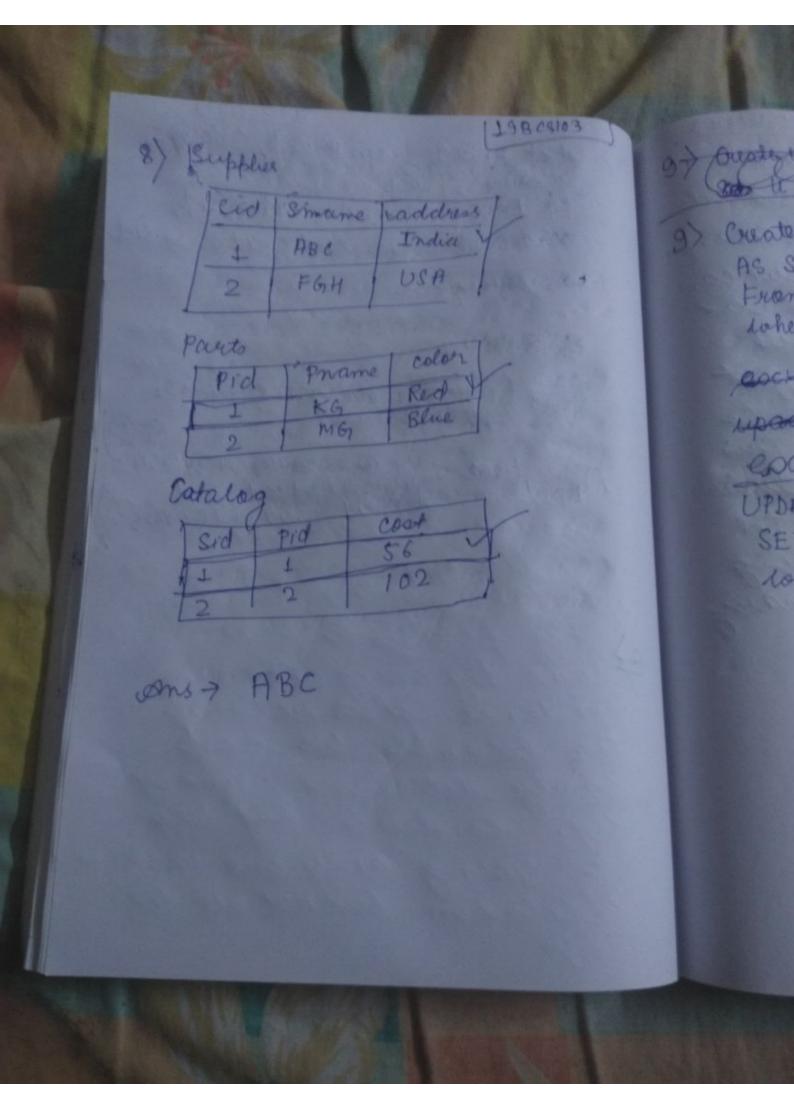
Keys in DBMS is van attribute on set of attributes which helps you to dentify a relation. 19 BC5103 BMS They allow you to find the polation between two tables. 3 Th key helps to uniquely edentifyee how in a table by a ione combination of one or more columns in that fable. They are mainly seven different peys in DBMS and pach by has its different penetion allilies that's why it is not possible to determine all instance of the relation. It is possible to determine some key wing only one motance of a relation For escample we can easily determine primary Key, candidate das key c using conly one instance of relation but not all the

6 Dueate table Student? 198CS103 Select P. Supplier Student ID int, StudentName Vauchar (50) freemany on P.pid = vand a Imail Vauchar (50), Age int E) sala insert into student (email) walnes (Jaya Oxyzicom) P.pid Insert Into Student (email) lealner (Krishna@pgs-com) Maprid mount into student semal) Values (Null) intsert into Student (email) realises (Thexyz-com) 7 All the rows will be tisplayed because 7 Roues with Student ID 1005, 1030, 1020 will be steplant Selected -

49BC5103) BCS103 select P. pid from Parts &, Cataloge, Suppliers S1, Suppliers S2 lohere 7
p.pid = C. pid and C. sid = S1. Sid vand c. sid = Sz. sid and sj. sid < > Sz. sid. mary key es sqlapery Colputa) P. pid (Patter b M Catalog C M Suppliers SI Suppliers Topid (Parts & Catallog CN Supplies 5, 107)

Popid = C. pi'd and csid=siside side sides sides

and c. sid = So sid and sides sides sides



19BCS103 Gualey town Lapdate As Create Viene updatetable As Select eid, ename, rage, salwy From emp where condition; upad upacto escample: UPDATE update table SET ename = "ABC" lohere eid = 12j

1) the Yes, we can do this by making the required column as Brimary key. For excample for the first statement we can make emprame field cas plimary key then it will will automatically get clustered tos emprame. La See it is possible to do this method and one of the simplest onethod of thoing this is by using primary. des.