prop table table name

—) If you try to drop a table, all the values—brever "ninde the table will be deleted, constraints brevent con that table will be deleted a then table too will be deleted.

2 deta 7 pm L

Anap [schema | Table | constraint] < name > [Cascade | Restrict];

-> Cascade option will create a chain reaction and delete all the elements arrolated with element.

The restrict officer, an element is deleted only if has no sub elements within it & it is not referenced in any combaints or view, otherwise, duop will not be executed & neult in a cross.

Commands Dong Truncate.

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*elements -> components used in definition of schema & NOT the data inside tables.

** default -> If you have not mentioned explicitly heatrict/ e cascade, then by default mode will be Rustrict.

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ABCD	15 Dolm 101 Constraint Constraint Constr	Scor
	i) Renict	/
	"u") (oscade.	
	dusp table course ascade	
. *	referenced table	H
Solut Son	drop table referenced table	
	drap table referenced table or	what

Course

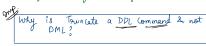
Student

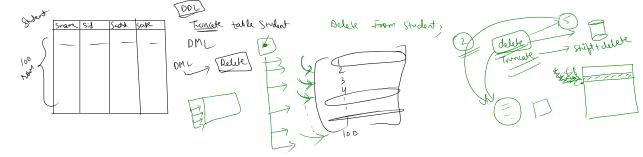
Cescade

DDI Command 4

Tournate table table-name;

· Relates all the values insides the table without alkering on deleting externa of the table.





1	Somer			
\mathcal{P}	98	name	age	dulete From Person
7	1. 3e 2	A G C AB	14	Formate form table paper

DML Commands (Data Mariplation Language) · Insert K

ham, age, sex (rang Sex) Insert Command i) Insert into table-name values (VI, V2, V3, ---- Vn); "here values should be provided in the order columns suride table are created while table name, age, ex ii) Insert into table name (att), att 2) (att 3) --- attn) of sex rand values (VI) (V2) (V3), --- (Vn); * VI value will be inserted against att 1 V2 11 " 11 att 2 and so on. Insert operation will result in error if
i) datatype mismatch.
ii) constraint violation. * If values for cortain columns are not provided while performing mert operation, then database will allocate default value corresponding to that column.

Delete Command (DML) 7 It is used to remove tuples from a relation. Delete (FRom) tuble name column-name condition value; Stodent name | gurder

Update Command

· It is used to after already present VALUES fride a table.

Update table_name Set attr = vall, att2=val2, ---- attrn=valn where attr & condition value k.

* Can throw an error if we have data type or constraint violation.

Select Command

- Select' and 'From' are mandatory, however, where is an optional clause.
- 2. Select * > This will output all the columns present in table.
- 3. Select *
 From Student, marks;
 tuble 1, table ?

 Casterian product
 - If 2 tables in join operation have some attribute names, then we use below
 - a) Select Student·name, Student·age, marks·name, marks·age
 from Student, name
 where Student·name = marks·name and student·age = merks·age;
 - b) Select Soname, Soage, Moname, Moage FROM Student as S, Marks as M where Soname= Moname and Soage = Moage;
 - c) Select S.name, S.age, M.name, M.age
 FROM Student S, Marks M
 Where S.name = M.name and S.age = M.age;

* Alianing can be used in Select clause as well.

Select S. name as name_ofstudent, M. marks as marks_of-Student From Student S, marks M where S. name = M. name and S. age = M. age;

Aliang is used to rarolve ambiguity

SQL treets table not as a set but as a multiset.

7 Duplicate entries are allowed in tables, views, grery results.

=) An SQL table with a skey is restricted to being a set.

Select DISTINCT keyword is used to eliminate duplicate tuples from the result set.

Select ALL keyword is used to select all the tuples from the result set.

Select All Salary From Employee; Select Distinct Salary from Employee;