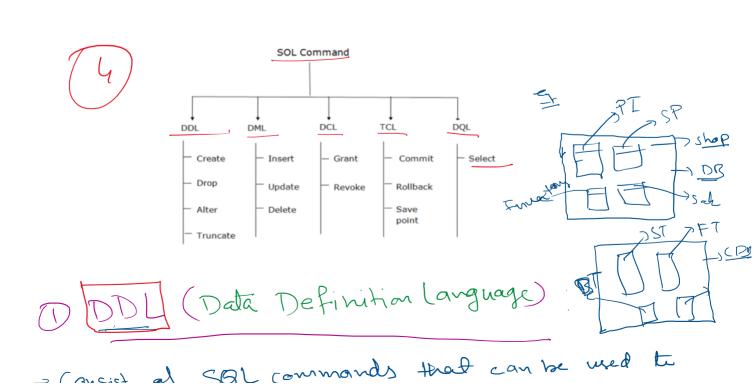
Introduction to SQL

SQL-> Stands for structured query language, & SQL is used for storing, manupulating & retrieving dates from db-

Q. What one SQL commands?

AND SQL commands are instructions that interect with RDBMS.

These commands allows users to perform various operations shuch as quering data, update records, new inscring data, a managing the structure of db.



-> Consist of SOL commands that can be used to define database schema.

* Create - To create database or its objects.

* Drop -> To delet object from databasse.

DROP JATABASE LESTOB

* After > To after the Structure of db.

+ Truncate -> To semone all records from a table.

2) DML (Data manipulation language)

- Deal with the manipulation of data Present in the databak Insert > is used to insert new data into table.

update » is used to update enisting data into table.

Delete -> is used to delete records from table.

3) DCL (Data contral language)

et deals with right, Parmissions l other controls.

et Grand: Give User's access Privileges.

Revoke? Withdraw user's access Privileges.

4) TCL (Transaction Contral language)

· · · · · · · · · · · · · · · · ·

It deal with the transaction with the database.

a * commit -> commit q transaction

Roll bact: -> rollbacks a transactions in case of any errors occurs.

TI TOOL TO Parades

Id Id Id

Ws-id

Hen

Ta

* Save Point > sets a some Point within a

5 DBL (Data Query language)

Performing queries on the data within schema objects.

SELECT -) is used to setrieve data

Normalization

It is a method to used in a db te reduce the data redundancy & dater inconsistency from tenhe

No. of tables T

× 4 forms { 1 MF, 2MF, 3 NF, 4 MF)

Denormalization

It is used to add redundany to encute the query queckly.

Ho. of table to

Difference between Normalization and Denormalization:



ACID

(Atomicity consistency Isolation Durability)