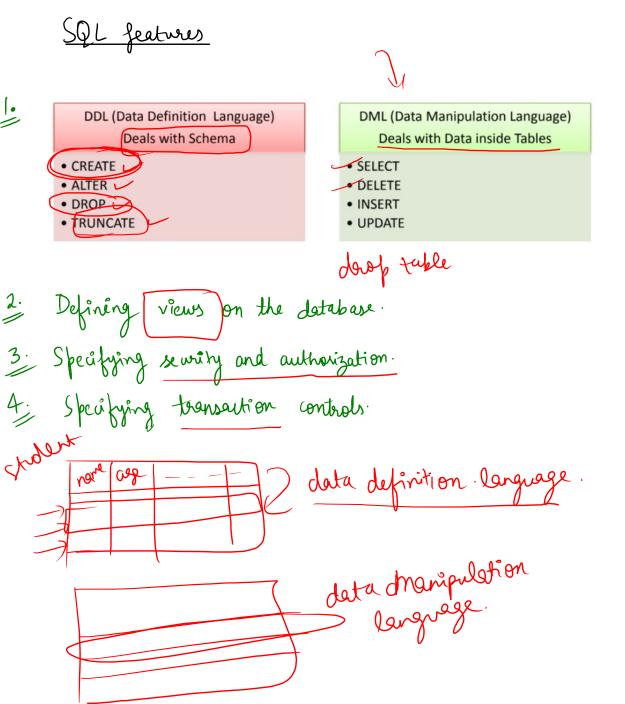
SQL => Structured Query Larguage. Procedural Language | Non-Procedural Language.

Procedural Language | Non-Procedural Language. → User has to tell both — User has to tell what to why & how to do it. do & need not worry about how to do it. -> C, C++, Java etc. -> SQL, LISP etc. -> It is based on concepts from Set theory. Java, (++) Procedural. What + now som (a,b)



SQL Scheme

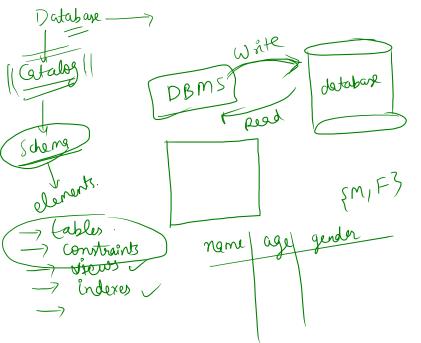


- The iso identified by a scheme name and it includes an authorization identified to identify the user or account who owns the scheme, as well as the descriptors for each element in the scheme.
- ? Scheme elements could include tables, types, contraints, views, domains, indexes etc.

We can create a scheme using below command.

Create schema schema name Authorization (vur name)

-> Not all vers are authorized to create schemes and scheme elements.



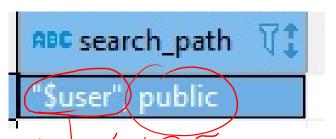
Catalog

→ It is a named collection of schemes.

→ When db is installed, default environment & scheme is created, so that when a user logs in, he she can directly refer to tables & other elements, without having to specify a particular scheme name.

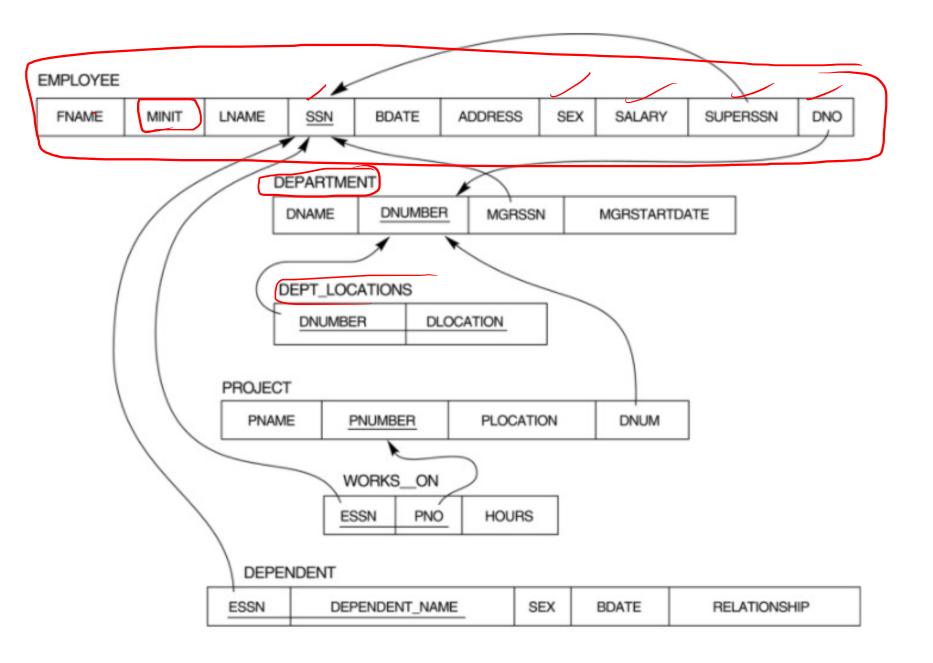
INFORMATION_SCHEMA

A catalog always contains a special scheme called information scheme, which provides information on set all the element descriptor in them.



The first element specifies that a schema with the same name as the current user is to be searched. If no such schema exists, the entry is ignored. The second element refers to the public schema that we have seen already.

How to set newly created rehema to use? SET search-path TO schema-name;



DDL Commands

Create table table-name (attribute 1-name detatype, attribute 2-name detatype, attribute 3-name datatype,

attributen-name datatype

Create table Employee (
frame vauhar (15),
Minit cher,
SSN char(9),
Bolate DATE,

Frederick [K]
Johnson

Frame