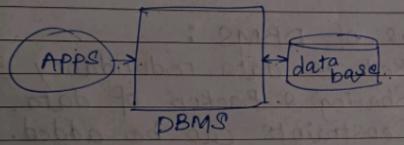


## DBMS (DATABASE MANAGEMENT SYSTEMS)

our stored database and applications.



- A dbmg provides:

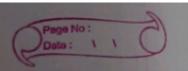
  1) A software to process queries

  2) A software to access database.
- The a management software that manages db, through which we can guery some data, access, update, add data in db.

\* WHAT IS \$ SOL?

The SBL Structured Overy Language) are different kind of softwares that help to manage & efficiently retrieve data from db. Eg MySOL, PgSOL, Oracle SOL etc.

So these are db management softwares that allow us to add, remove, create, delete, update values in a db.



The structured query larguage (SQL) creates giveries that are implemented by the db. to provide relevant information based on the goery entered.

· Features of DBMS: 1. Reduces data redundancy 9 inconsister 2. Sharing J. Backup of data. Imp 3. Constraints can be added. 4. Better Security & integration

· Now there are different types of dome. So different db. store data in different forms. eg. Some store data in tabular form

2) Some store in form of key-value pairs.

(3) Some store in form of documents

· So according to form & strusture of data and application requirements we can select db accordingly

· One of the most important type of dome is RDBMS (Relational dome)

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*	ROBMS:
	data is stored in the form of tables.
	2. Now every table in rdbmt represent Some entities for eg for a movie db ope table has data of movies!, one table has data of 'actors', one has 'theatres'  So these actors, movies, theatres are entities of tables. These are real life.
	3. So tables represent entities 3 every entity has some attributes eg movie (release, rating, actors, collection).  So every column of table represent the properties of entity.
	4. Every row represent actual data of the entity.
	5. So these type of dbmg are called relational because all tables are related to each other.  Two tables.
	of actors & movies.  are related. Since  a movie table will  have actors from actors table.