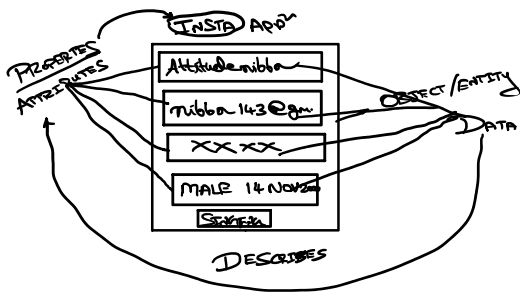
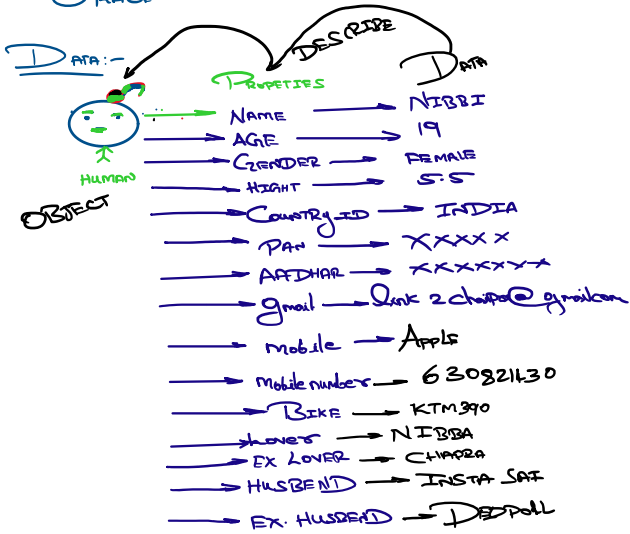


ORACLE SQL

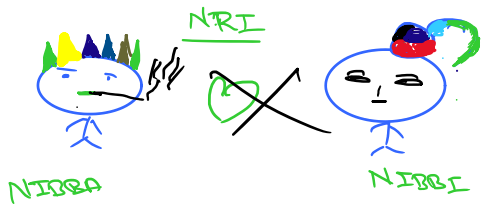
- PostgreSQL
- MS SQL
- SQLite
- ORACLE



CRUD

- C → CREATE / INSERT
- R → READ / SELECT / EXTRACT / RETRIEVE
- U → UPDATE / MODIFY
- D → DELETE / DROP





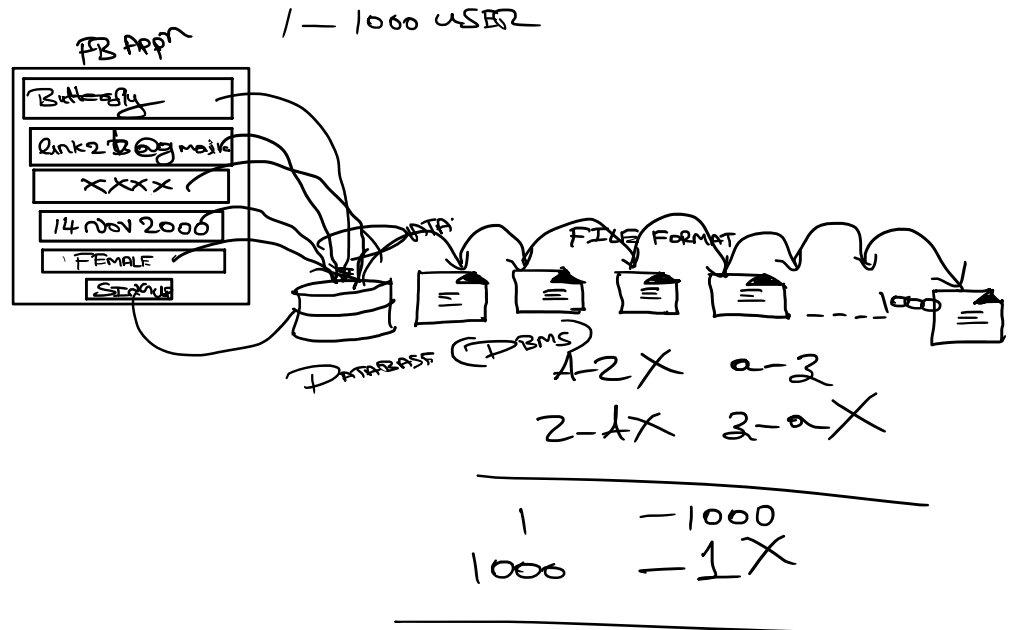
DBMS
RDBMS

→ DBMS:-

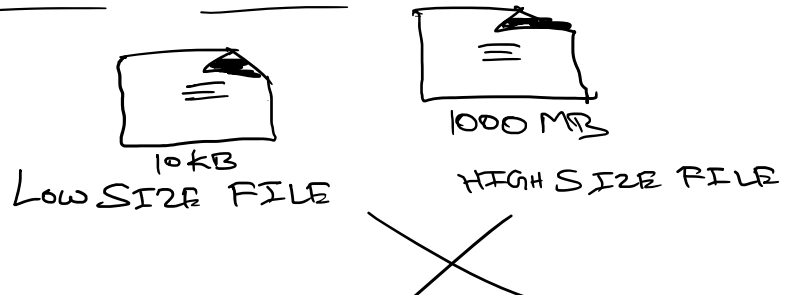
DATABASE MANAGEMENT SYSTEM/SOFTWARE IS USED TO MAINTAIN AND MANAGE THE DATA IN THE DATABASE, IN FILE FORMAT.

→ COMMUNICATE WITH DBMS WE ARE USING QUERY LANGUAGE

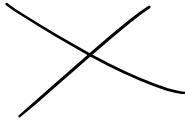
→ DBMS DOES NOT FOLLOW THE DATA SORTING ORDER.



DATA SORTING ORDER



LOW SIZE FILE



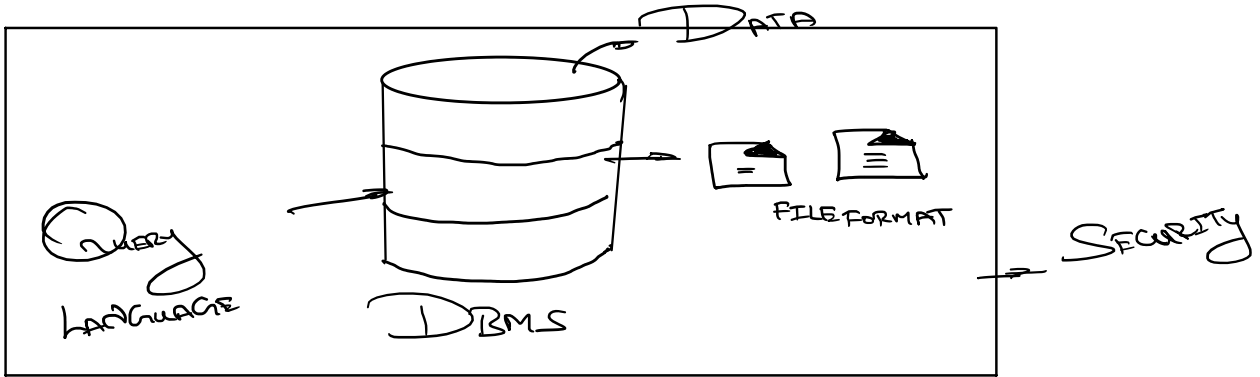
1000 MB

HIGH SIZE FILE



10 KB

LOW SIZE FILE



DRANDACK

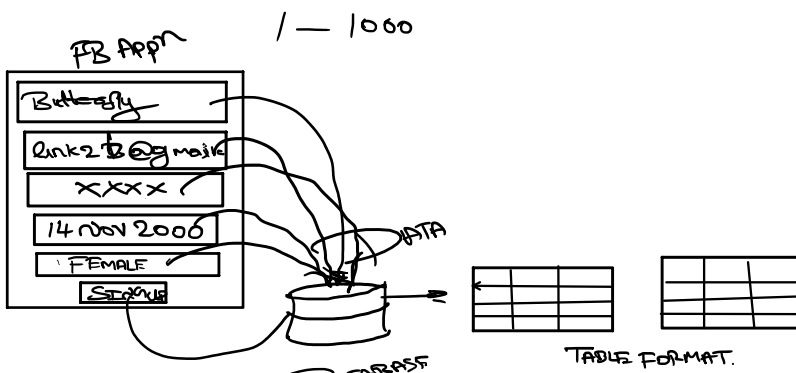
WASTAGE OF TIME/MEMORY

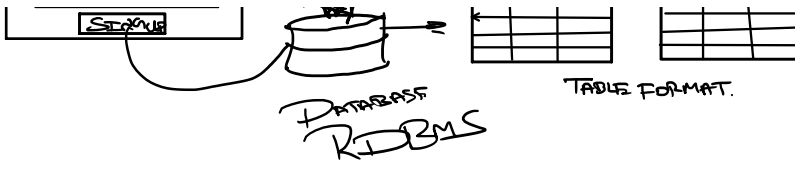
RDBMS:-

RELATIONAL DATABASE MANAGEMENT SYSTEM/Software IS USED TO MAINTAIN AND MANAGE THE DATA IN DATABASE. By USING TABLE FORMAT

→ TO COMMUNICATE WITH RDBMS/TABLES WE USE STRUCTURED QUERY LANGUAGE (SQL)

→ IN RDBMS THE DATA IN TABLE FORMAT.





USERS

U_ID	U_NAME	AGE
1	Butterfly	21
2	NIRBA	19
3	DINGA	21
4	DINGI	22

```
SELECT *
FROM USERS
WHERE U_ID = 1;
```

U_ID	U_NAME	AGE
1	Butterfly	21

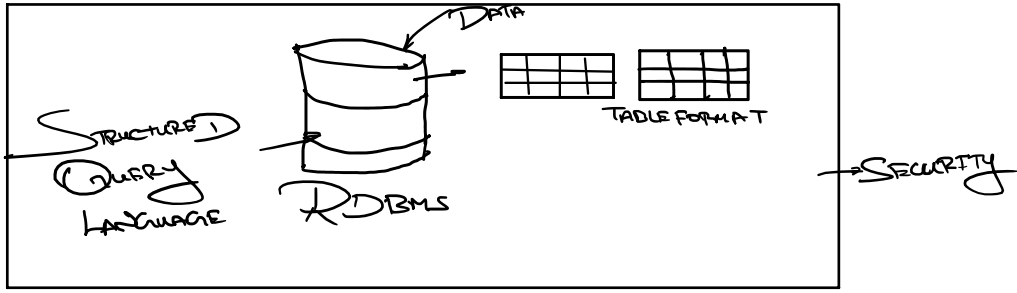


TABLE:- THE COMBINATION OF HORIZONTAL LINES (≡) AND VERTICAL LINE (||) IS KNOWN AS



COLUMNS / ATTRIBUTES / FIELDS

USERS

U_ID	U_NAME	AGE
1	Butterfly	21
2	NIRBA	19
3	DINGA	21
4	DINGI	22

→ ROWS / RECORDS / TUPLES

CELL:- THE COMBINATION SINGLE ROW AND

SINGLE COLUMN IS KNOWN AS CELL

