Day 2

Types of Data: Structured | Semistructure
tabular   Non Structure
                           Files, Jason, XML

My SQL

Database : Manage our Data.

Types of Database : [Database Management   [Relational Database Management
                        System   System

→ Not Relation   → Relation
→ Files, xml, Jason file etc.   → Table. ✓
→ No Security   → Acid properties.

→ Small data   → Large amount of data.

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→ NOSQL → Mongodb.   → SQL → My SQL
          → Casandra   MSSQL Server
          → Couch db.   Oracle.
                                 Posgress.

→ MERN → Node.   → Financial
    ↓   ↓ → React   → Google / Afran
  Mega Expres TS
    └→ Json file.
        Key : Value

Local Host : 3306
Pass word
Username :   Connected.

[0 0 6 6]   Languge : SQL
                                    └→ CReate.
→ Ob   └→ update
→ Table.   → Delete.

FE   BE   PK dB   User
fb   ═══   ⟵ CREATE ⟶   id Em dob Pass
FN   ═══   READ
em   ═══   UPDATE
dob   DELETE
Pass

Pass
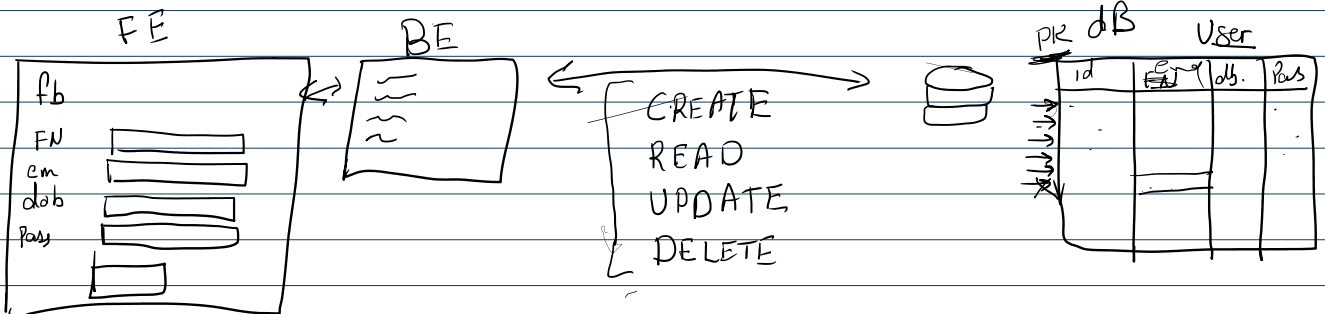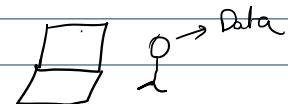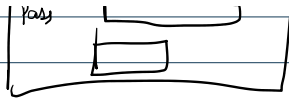
1.6 Billion

DELETE

→ CRUD operations

DSA
↳ Sorting →
↳ Serching
→ BTree
↳ _

Customer

PK		
id	Name	Age

Prod   FK

Prod_id	Cust_id	Prod-name

Primary Key

① Only one PK allowed in a table.

② Only Unique Values.

③ No Null Values.