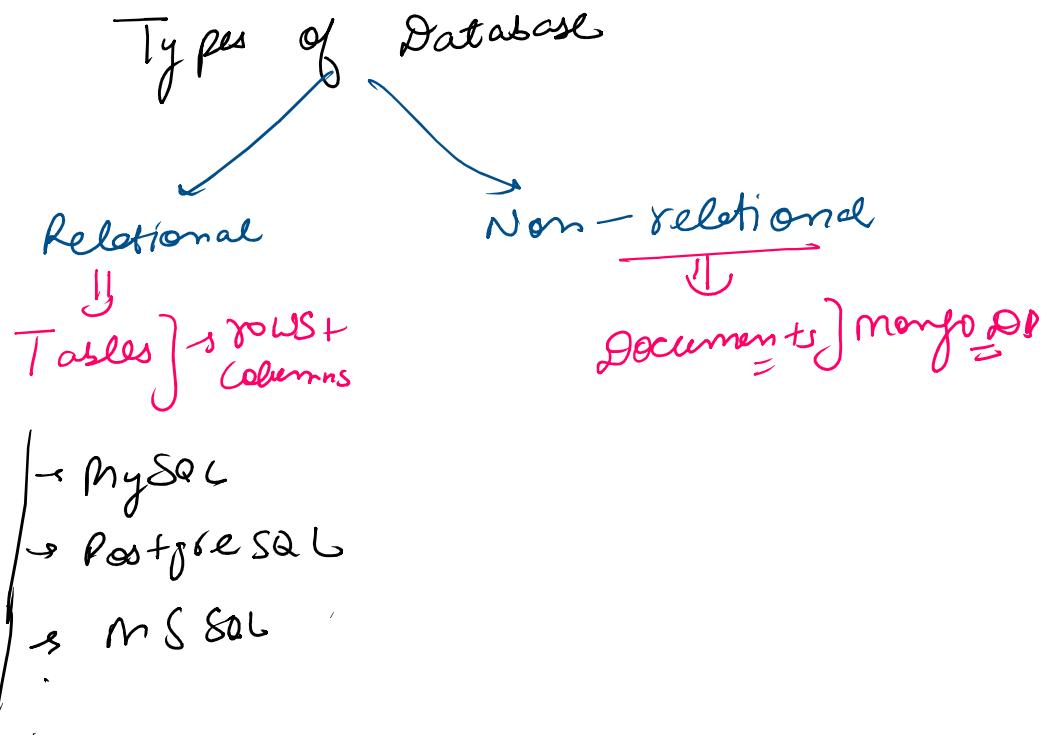


Database

It is used to persist the data
store permanently



#

JDBC → Java Database Connectivity

- establishes connections
- String s = " "
- Create Statement
- execute

#

classes that hold
1..n

#

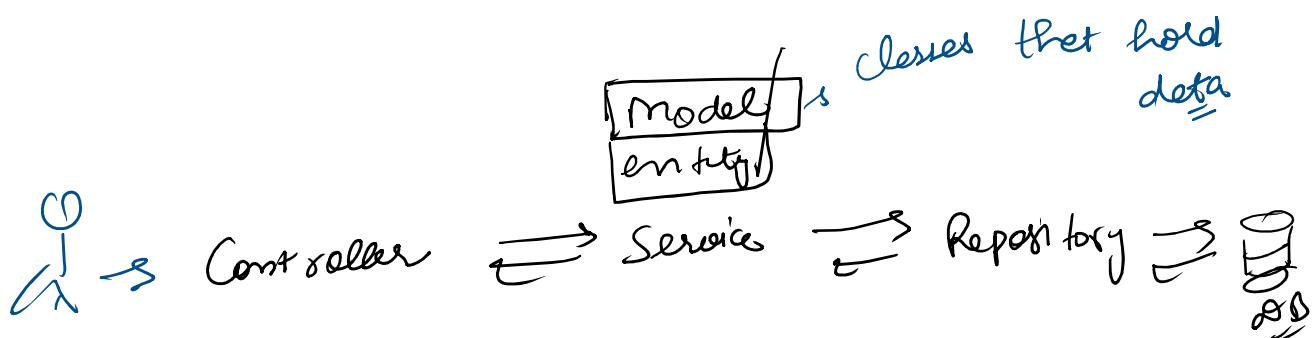


Diagram illustrating the mapping between a class and a database table:

Class Customer

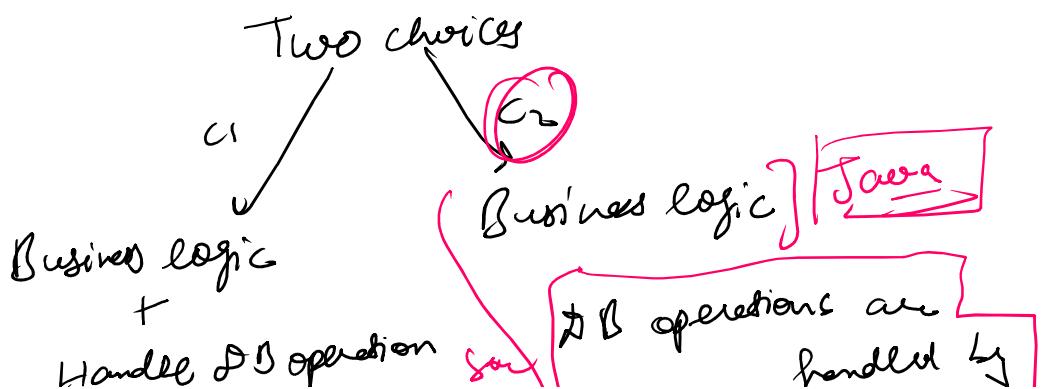
```

    class Customer {
        int id;
        String fullName;
        int age;
    }
  
```

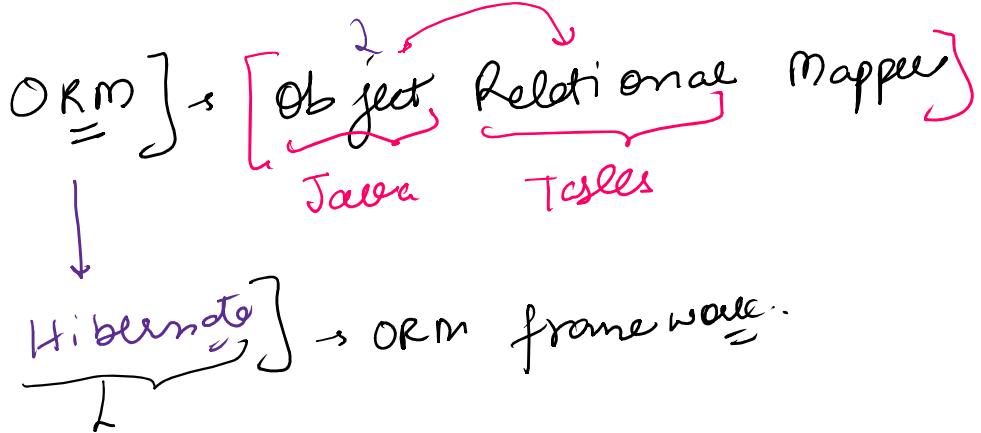
Table customer

id	full-name	age
1	ABC	30
:	:	:

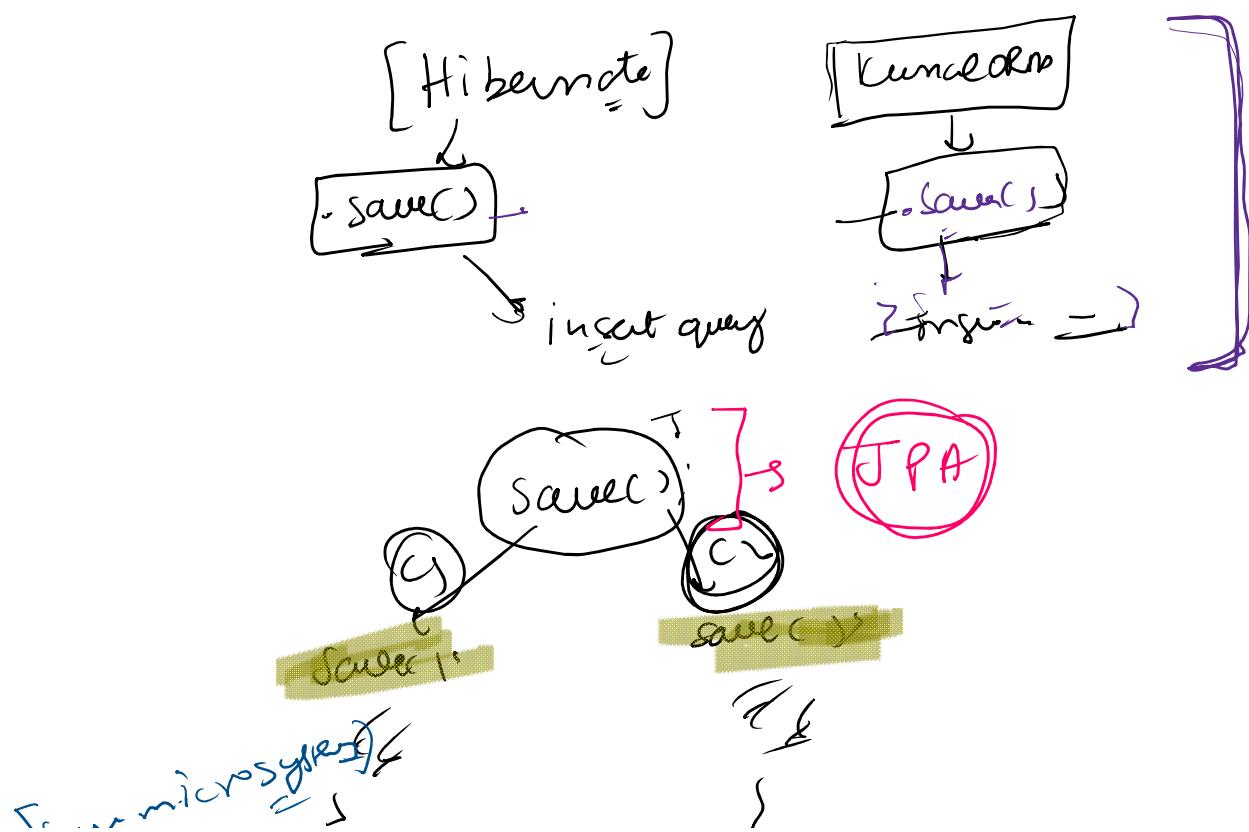
class names → table name
 attributes → columns

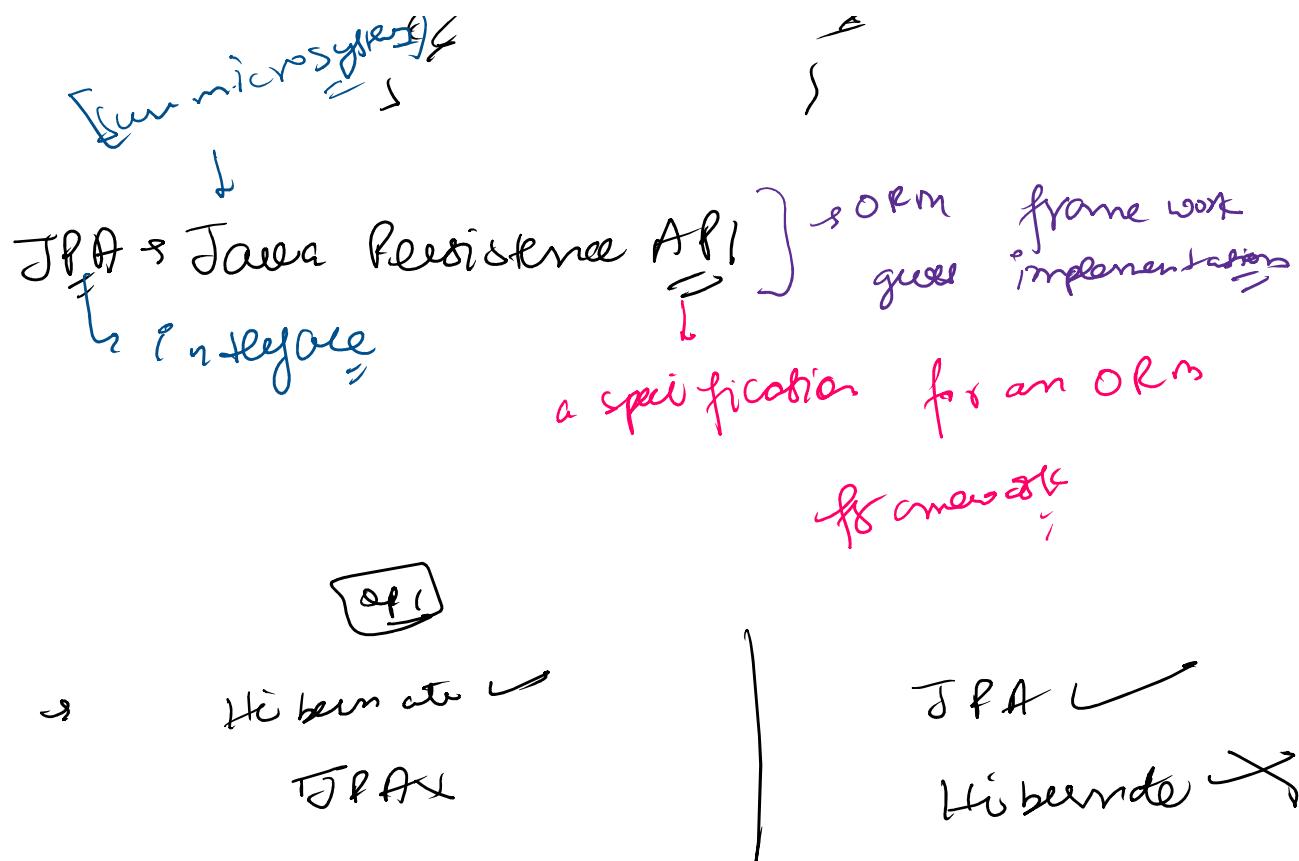


+ Handle DB operation so DB operations are handled by some one else



A library / framework which exposes a set of Java functions which can be used to perform DB operations.





Enum
 ↳ data type which is used when the no. of input values is limited and fixed.

day of week

- ② Not Null → vars of the application/ Java level
- ③ Column(nulltable = false) → works at DB level
↳ adds constraint to the DB column.