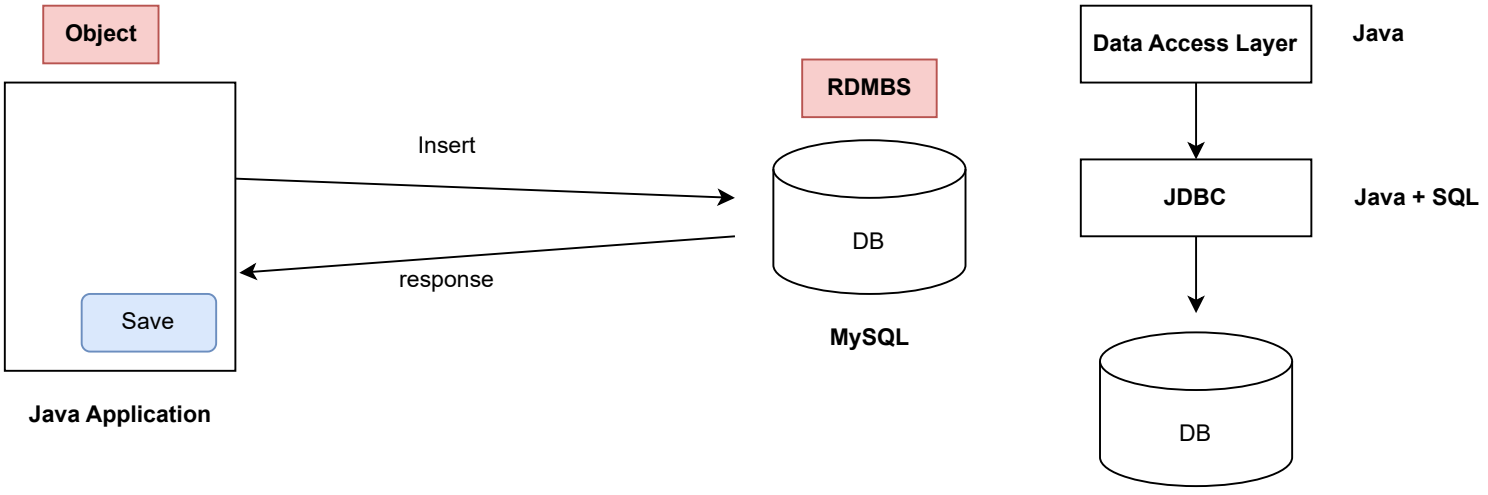
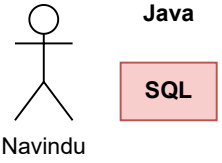
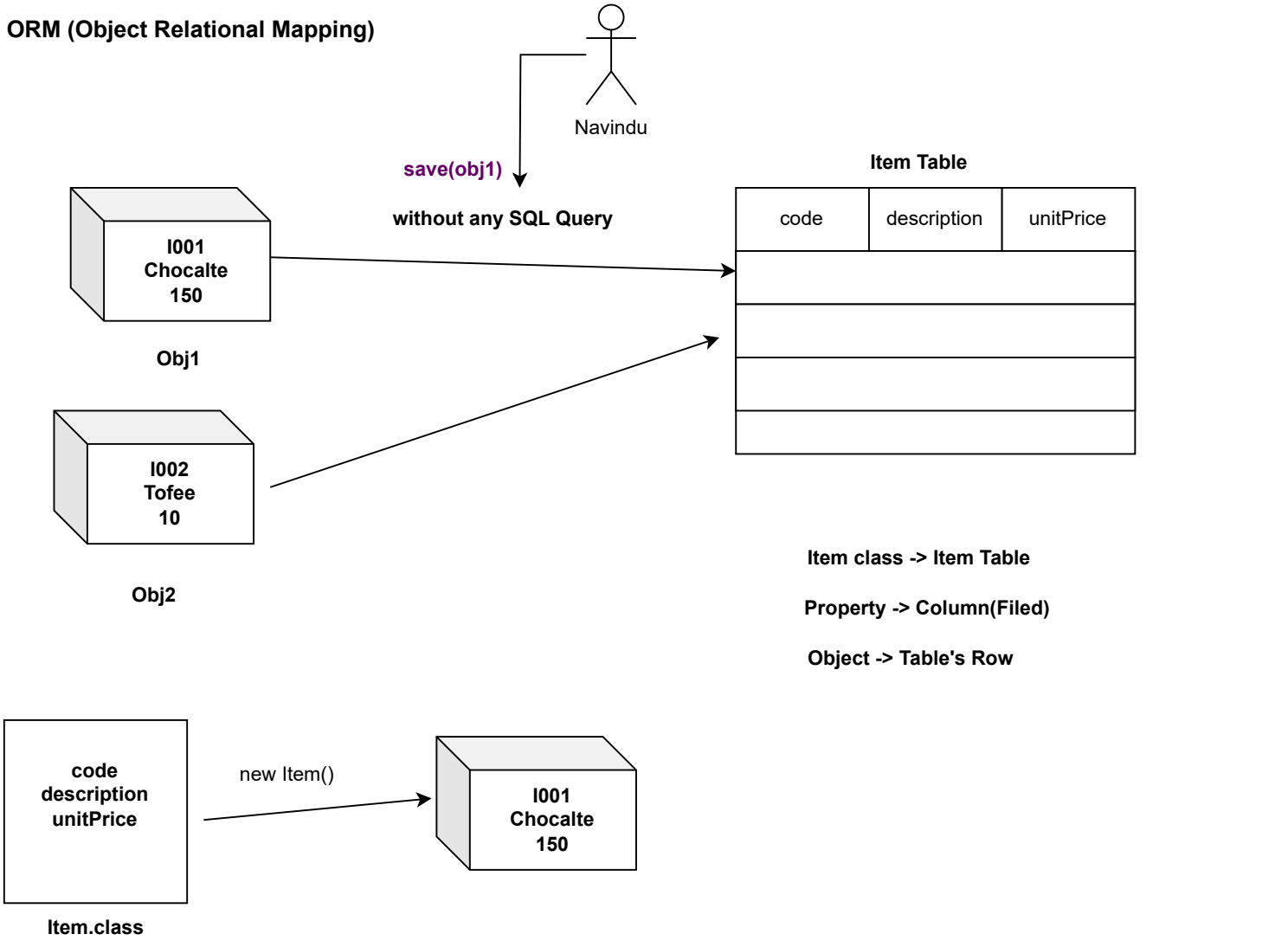
Hibernate





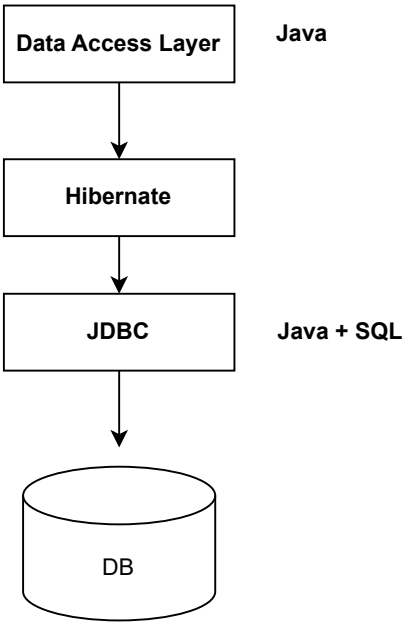
ORM (Object Relational Mapping)



ORM Tools

1. **Hibernate**
2. Entity FrameWork
3. MyBatis
4. Doctrine

Hibernate -> Gavin King ~ RedHat



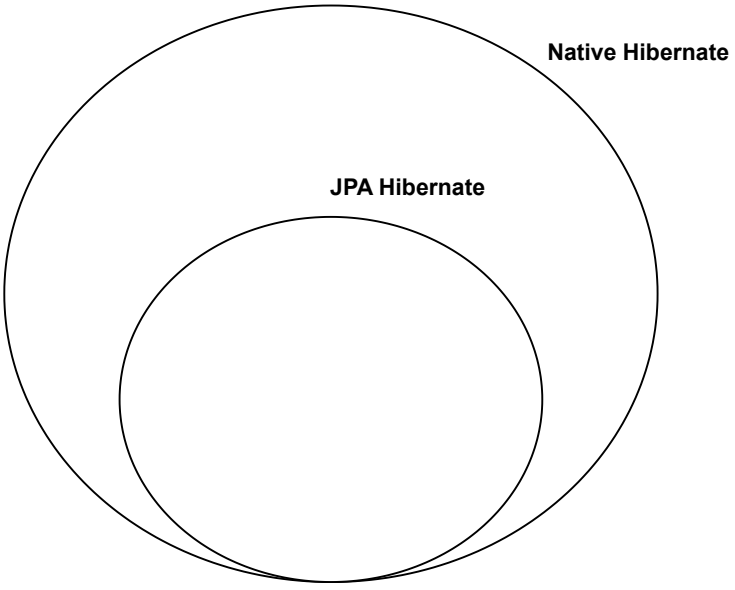
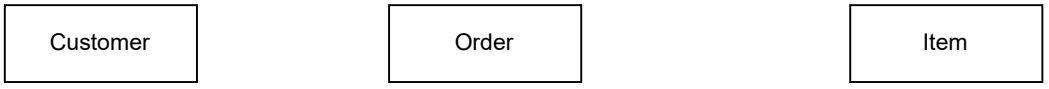


Table Relationships

ER Diagrams

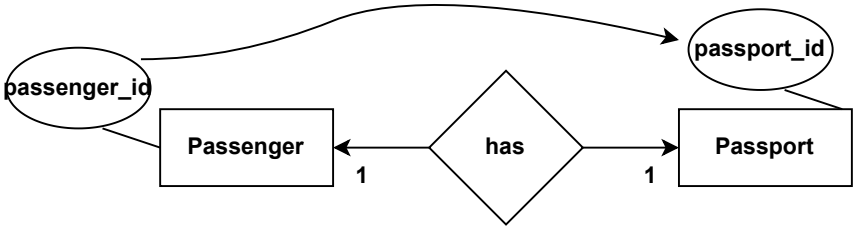


1. OneToOne Relationship

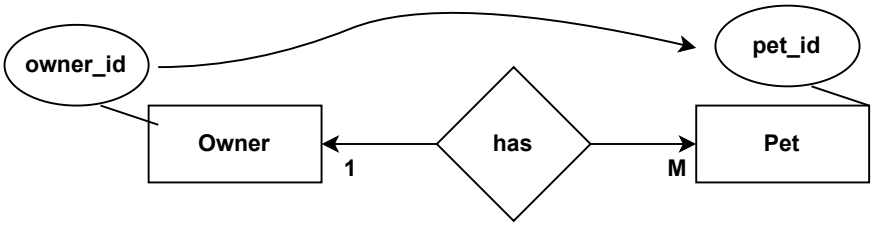
2. OneToMany Relationship

2. ManyToMany Relationship

1. OneToOne Relationship

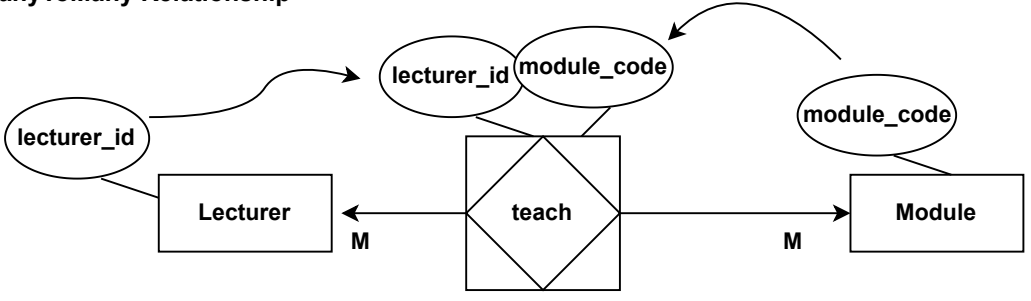


2. OneToMany Relationship

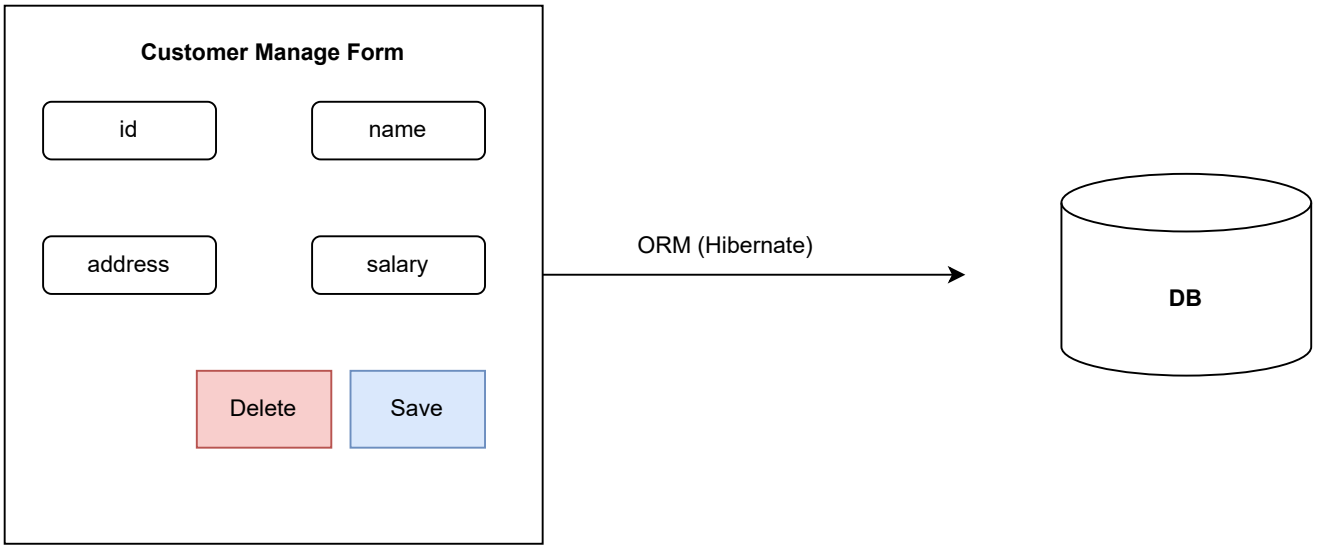


1 1

3. ManyToMany Relationship

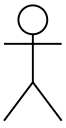


1 **Associate Entity** 1



SQL (Structured Query Language) → RDBMS

Table | **Column**



Java Developer

Object — **HQL (Hibernate Query Language)**

Object | **Properties**

Select * from Customer → **SQL** — Customer -> Table

FROM Customer → **HQL** — Customer -> Object /Entity

SQL

Select * from Customer where salary >= 2000 — Customer -> Table | salary -> table Column

HQL

FROM Customer WHERE salary >= 2000 — Customer -> Object / Entity | salary -> Property