

⇒ Hibernate :-

## Mapping in Hibernate

⇒ Association :- Linking two classes / Entities



⇒ At Java End → linking two classes ⇒ Association

⇒ At DB end → linking two tables can be done using Primary key & Foreign key

⇒ To support this feature :- In Hibernate we have concept ⇒ Mapping.

## Mapping in Hibernate

- ⇒ one-one Association Mapping
- ⇒ one-many Association Mapping
- ⇒ Many-one Association Mapping
- ⇒ Many-Many Association Mapping

⇒ ① one-one Mapping :-

eg:- Car → Engine

Employee → Account

⇒ Relationship b/w two Entities ⇒ one instance of one entity is mapped with one instance of another entity.

⇒ One - Many - Association

eg: Single Department has Multiple Employees.

⇒ refers to relationship b/w two entities where one instance of one entity is mapped with multiple instance of another entity.

⑤ Many - one - Mapping

refers relationship b/w two entities where multiple instances of one entity is mapped with single instance of another entity.

eg: Multiple Students have joined single Branch.

⇒ Many to Many Association Mapping

eg: Multiple Students have joined multiple courses

refers → relationship b/w two entities where multiple instances of one entity is mapped with multiple instances of another entity.